Microsoft Home

Failover Cluster Validation Report

Node:	HP-SRV1.csaplho.pk	Validated
Node:	HP-SRV2.csaplho.pk	Validated
Node:	HP-SRV3.csaplho.pk	Validated
Started	06/11/2022 7:54:15 AM	
Completed	06/11/2022 8:01:43 AM	

The Validate a Configuration Wizard must be run after any change is made to the configuration of the cluster or hardware. For more information, see https://go.microsoft.com/fwlink/p/?LinkId=280145.

Results by Category

Name	Result Summary	Description
Cluster Configuration		Warning
Hyper-V Configuration		Success
Inventory		Success
Network		Success
Storage		Not Applicable
System Configuration		Warning

Cluster Configuration

Name	Result	Description
List Cluster Core Groups		Success
List Cluster Network Information		Success
List Cluster Nodes		Success
List Cluster Properties		Success
List Cluster Resources		Success
List Cluster Volumes		Success
List Clustered Roles		Success
Validate Cluster Nodes		Success
Validate Quorum Configuration		Success
Validate Resource Status		Warning
Validate Service Principal Name		Success
Validate Volume Consistency		Success

Hyper-V Configuration

Name	Result	Description
List Hyper-V Virtual Machine Information		Success
List Information About Servers Running Hyper-V		Success
Validate Compatibility of Virtual Fibre Channel SANs for Hyper-V		Success
Validate Hyper-V Configuration Version		Success
Validate Hyper-V Integration Services Version		Success
Validate Hyper-V Memory Resource Pool Compatibility		Success
Validate Hyper-V Network Resource Pool And Virtual Switch Compatibility		Success
Validate Hyper-V Processor Resource Pool Compatibility		Success
Validate Hyper-V Role Installed		Success
Validate Hyper-V Storage Resource Pool Compatibility		Success

Name	Result	Description
Validate Hyper-V Virtual Machine Network Configuration		Success
Validate Hyper-V Virtual Machine Storage Configuration		Success
Validate Matching Processor Manufacturers		Success

Inventory

Name	Result	Description
List BIOS Information		Success
List Environment Variables		Success
List Fibre Channel Host Bus Adapters		Success
List Host Guardian Service client configuration		Success
List iSCSI Host Bus Adapters		Success
List Memory Information		Success
List Operating System Information		Success
List Plug and Play Devices		Success
List Running Processes		Success
List SAS Host Bus Adapters		Success
List Services Information		Success
List Software Updates		Success
List System Drivers		Success
List System Information		Success
List TPM Information		Success
List Unsigned Drivers		Success

Network

Name	Result	Description
List Network Metric Order		Success
Validate Cluster Network Configuration		Success
Validate IP Configuration		Success
Validate Multiple Subnet Properties		Success
Validate Network Communication		Success
Validate Windows Firewall Configuration		Success

Storage

Name	Result	Description
List Disks		Success
List Disks To Be Validated		Not Applicable
Validate CSV Network Bindings		Success
Validate CSV Settings		Success
Validate Disk Access Latency		Not Applicable
Validate Disk Arbitration		Not Applicable
Validate Disk Failover		Not Applicable

Name	Result	Description
Validate File System		Not Applicable
Validate Microsoft MPIO-based disks		Not Applicable
Validate Multiple Arbitration		Not Applicable
Validate SCSI device Vital Product Data (VPD)		Not Applicable
Validate SCSI-3 Persistent Reservation		Not Applicable
Validate Simultaneous Failover		Not Applicable
Validate Storage Spaces Persistent Reservation		Not Applicable

System Configuration

Name	Result	Description
Validate Active Directory Configuration		Success
Validate All Drivers Signed		Success
Validate Cluster Service and Driver Settings		Success
Validate Memory Dump Settings		Success
Validate Operating System Edition		Success
Validate Operating System Installation Option		Success
Validate Operating System Version		Success
Validate Required Services		Success
Validate Same Processor Architecture		Success
Validate Software Update Levels		Warning
Validate System Drive Variable		Success

Overall Result

Testing has completed for the tests you selected. You should review the warnings in the Report. A cluster solution is supported by Microsoft only if you run all cluster validation tests, and all tests succeed (with or without warnings).

List BIOS Information

Description: List BIOS information from each node.
Start: 06/11/2022 7:54:17 AM.

HP-SRV1.csaplho.pk

Gathering BIOS Information for HP-SRV1.csaplho.pk

Item	Value
Name	U32
Manufacturer	HPE
SMBios Present	True
SMBios Version	U32
SMBios Major Version	3
SMBios Minor Version	2
Current Language	Value Not Found
Release Date	23/01/2021 5:00:00 AM
Primary BIOS	True

HP-SRV2.csaplho.pk

Gathering BIOS Information for HP-SRV2.csaplho.pk

Item	Value
Name	U32
Manufacturer	HPE
SMBios Present	True
SMBios Version	U32
SMBios Major Version	3
SMBios Minor Version	2
Current Language	Value Not Found
Release Date	23/01/2021 5:00:00 AM
Primary BIOS	True

HP-SRV3.csaplho.pk

Gathering BIOS Information for HP-SRV3.csaplho.pk

Item	Value
Name	U32
Manufacturer	HPE
SMBios Present	True
SMBios Version	U32
SMBios Major Version	3
SMBios Minor Version	2
Current Language	Value Not Found
Release Date	23/01/2021 5:00:00 AM
Primary BIOS	True

Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

List Cluster Core Groups

Description: List information about the available storage group and the core group in the cluster.
Start: 06/11/2022 7:57:52 AM.

Summary

Cluster Name: HP-CLUSTER
Total Roles: 2

Role	Status	Type
Cluster Group	Online	Core Cluster
Available Storage	Offline	Available Storage

Role: Cluster Group
Description:
Status: Online
Current Owner: HP-SRV1
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
IP Address: 10.11.0.115	IP Address	Online	All Nodes
Name: HP-CLUSTER	Network Name	Online	All Nodes
QOURUM	Physical Disk	Online	All Nodes
Storage Qos Resource	Storage QoS Policy Manager	Online	All Nodes
Virtual Machine Cluster WMI	Virtual Machine Cluster WMI Provider	Online	All Nodes

Role: Available Storage
Description:
Status: Offline
Current Owner: HP-SRV1
Preferred Owners: None
Failback Policy: No failback policy defined.

Cluster Shared Volumes

Resource	Type	Status	Possible Owners
NOP-R5	Cluster Shared Volume	Online	All Nodes
OP-R5	Cluster Shared Volume	Online	All Nodes

Stop: 06/11/2022 7:57:53 AM.

Back to Summary
Back to Top

List Cluster Network Information

Description: List cluster-specific network settings that are stored in the cluster configuration.
Start: 06/11/2022 7:57:53 AM.

Network: MIGRATION
DHCP Enabled: False
Network Role: Internal use
Metric: 30368

Prefix	Prefix Length
192.168.10.0	24

Network: PRODUCTION
DHCP Enabled: False
Network Role: Internal and client use
Metric: 70368

Prefix	Prefix Length
10.11.0.0	16

Subnet Delay	
CrossSubnetDelay	1000
CrossSubnetThreshold	20
SameSubnetDelay	1000
SameSubnetThreshold	10

Validating that Network Load Balancing is not configured on node HP-SRV1.csaplho.pk.
Validating that Network Load Balancing is not configured on node HP-SRV2.csaplho.pk.
Validating that Network Load Balancing is not configured on node HP-SRV3.csaplho.pk.
Stop: 06/11/2022 7:57:53 AM.

Back to Summary
Back to Top

List Cluster Nodes

Description: List the nodes that are configured in the cluster.
Start: 06/11/2022 7:57:53 AM.
Properties of node 'HP-SRV1'.

Property	Value
BuildNumber	17763
CSDVersion	
Description	
DetectedCloudPlatform	0
DynamicWeight	1
FaultDomain	Site:, Rack:, Chassis:
FaultDomainId	0
MajorVersion	10
Manufacturer	HPE
MinorVersion	0
Model	ProLiant DL360 Gen10
NeedsPreventQuorum	0
NodeDrainStatus	0
NodeDrainTarget	4294967295
NodeHighestVersion	655363
NodeInstanceID	00000000-0000-0000-0000-000000000002
NodeLowestVersion	655363
NodeName	HP-SRV1
NodeWeight	1
SerialNumber	SGH109S4HP
StatusInformation	0

Properties of node 'HP-SRV2'.

Property	Value
BuildNumber	17763
CSDVersion	
Description	
DetectedCloudPlatform	0
DynamicWeight	1
FaultDomain	Site:, Rack:, Chassis:
FaultDomainId	0
MajorVersion	10
Manufacturer	HPE
MinorVersion	0
Model	ProLiant DL360 Gen10
NeedsPreventQuorum	0
NodeDrainStatus	0
NodeDrainTarget	4294967295
NodeHighestVersion	655363

Property	Value
NodeInstanceID	00000000-0000-0000-0000-000000000001
NodeLowestVersion	655363
NodeName	HP-SRV2
NodeWeight	1
SerialNumber	SGH109S4HR
StatusInformation	0

Properties of node 'HP-SRV3'.

Property	Value
BuildNumber	17763
CSDVersion	
Description	
DetectedCloudPlatform	0
DynamicWeight	1
FaultDomain	Site:, Rack:, Chassis:
FaultDomainId	0
MajorVersion	10
Manufacturer	HPE
MinorVersion	0
Model	ProLiant DL360 Gen10
NeedsPreventQuorum	0
NodeDrainStatus	0
NodeDrainTarget	4294967295
NodeHighestVersion	655363
NodeInstanceID	00000000-0000-0000-0000-000000000003
NodeLowestVersion	655363
NodeName	HP-SRV3
NodeWeight	1
SerialNumber	SGH109S4HM
StatusInformation	0

Stop: 06/11/2022 7:57:53 AM.

Back to Summary
Back to Top

List Cluster Properties

Description: List the properties that are set for the cluster.
Start: 06/11/2022 7:57:53 AM.
Properties of cluster 'HP-CLUSTER'.

Property	Value
AddEvictDelay	60
AdminAccessPoint	1
AutoAssignNodeSite	0
AutoBalancerLevel	1
AutoBalancerMode	2
BackupInProgress	0
BlockCacheSize	1024
ClusSvcHangTimeout	135
ClusSvcRegroupStageTimeout	10
ClusSvcRegroupTickInMilliseconds	300
ClusterEnforcedAntiaffinity	0
ClusterFunctionalLevel	10
ClusterGroupWaitDelay	120
ClusterLogLevel	3
ClusterLogSize	1536
ClusterUpgradeVersion	3
CrossSiteDelay	1000
CrossSiteThreshold	20
CrossSubnetDelay	1000
CrossSubnetThreshold	20
CsvBalancer	1
DatabaseReadWriteMode	0
DefaultNetworkRole	3

Property	Value
Description	
DetectedCloudPlatform	0
DetectManagedEvents	1
DetectManagedEventsThreshold	60
DrainOnShutdown	1
DumpPolicy	1376850201
DynamicQuorumEnabled	1
EnabledEventLogs	Microsoft-Windows-Hyper-V-VmSwitch-Diagnostic,4,0xFFFFFFFD, Microsoft-Windows-SMBDirect/Debug,4, Microsoft-Windows-SMBServer/Analytic, Microsoft-Windows-Kernel-LiveDump/Analytic
EnableSharedVolumes	1
FixQuorum	0
GroupDependencyTimeout	600
HangRecoveryAction	6
IgnorePersistentStateOnStartup	0
LogResourceControls	0
LowerQuorumPriorityNodeId	0
MessageBufferLength	50
MinimumNeverPreemptPriority	3000
MinimumPreemptorPriority	1
NetftIPSecEnabled	1
PlacementOptions	0
PlumbAllCrossSubnetRoutes	0
PreferredSite	
PreventQuorum	0
QuarantineDuration	7200
QuarantineThreshold	3
QuorumArbitrationTimeMax	20
RecentEventsResetTime	2:53 AM
RequestReplyTimeout	60
ResiliencyDefaultPeriod	240
ResiliencyLevel	2
RouteHistoryLength	40
S2DBusTypes	0
S2DCacheBehavior	88
S2DCacheDesiredState	2
S2DCacheFlashReservePercent	0
S2DCacheMetadataReserveBytes	34359738368
S2DCachePageSizeKBytes	16
S2DEnabled	0
S2DIOLatencyThreshold	10000
S2DOptimizations	0
SameSubnetDelay	1000
SameSubnetThreshold	10
Security Descriptor	< 396 Bytes >
SecurityLevel	1
SecurityLevelForStorage	0
SharedVolumeCompatibleFilters	
SharedVolumeIncompatibleFilters	
SharedVolumeSecurityDescriptor	< 280 Bytes >
SharedVolumesRoot	C:\ClusterStorage
SharedVolumeVssWriterOperationTimeout	1800
ShutdownTimeoutInMinutes	199
UseClientAccessNetworksForSharedVolumes	2
WitnessDatabaseWriteTimeout	300
WitnessDynamicWeight	0
WitnessRestartInterval	15

Stop: 06/11/2022 7:57:53 AM.

Back to Summary
Back to Top

List Cluster Resources

Description: List the resources that are configured in the cluster.

Start: 06/11/2022 7:57:53 AM.
Properties of resource 'Cluster IP Address'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8264
Name	Cluster IP Address
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	IP Address

Parameters of resource 'Cluster IP Address'.

Parameter	Value
Address	10.11.0.115
EnableDhcp	0
EnableNetBIOS	0
Network	PRODUCTION
OverrideAddressMatch	0
ProbeFailureThreshold	0
ProbePort	0
SubnetMask	255.255.0.0

Properties of resource 'Cluster Name'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	9172
Name	Cluster Name
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Network Name

Parameters of resource 'Cluster Name'.

Parameter	Value
ADAware	1
Aliases	
CreatingDC	\\ADC-CO-DOMAIN.csaplho.pk
DnsName	HP-CLUSTER

Parameter	Value
DnsSuffix	csaplho.pk
HostRecordTTL	1200
LastDNSUpdateTime	05/11/2022 6:17:47 PM
Name	HP-CLUSTER
ObjectGUID	12af4b026e515d4b8d00f24296f78507
PublishPTRRecords	0
RegisterAllProvidersIP	0
RemapPipeNames	0
ResourceData	< 260 Bytes >
StatusDNS	0
StatusKerberos	0
StatusNetBIOS	0

Properties of resource 'hp-replica'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	9172
Name	hp-replica
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Network Name

Parameters of resource 'hp-replica'.

Parameter	Value
ADAware	1
Aliases	
CreatingDC	\\DC-DOMAIN.csaplho.pk
DnsName	hp-replica
DnsSuffix	csaplho.pk
HostRecordTTL	1200
LastDNSUpdateTime	05/11/2022 4:47:09 AM
Name	HP-REPLICA
ObjectGUID	047c1d2dd29715439ac7647eefd11e8b
PublishPTRRecords	0
RegisterAllProvidersIP	0
RemapPipeNames	0
ResourceData	< 260 Bytes >
StatusDNS	0
StatusKerberos	0
StatusNetBIOS	0

Properties of resource 'Hyper-V Replica Broker hp-replica'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256

Property	Value
Name	Hyper-V Replica Broker hp-replica
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Replication Broker

Parameters of resource 'Hyper-V Replica Broker hp-replica'.

Parameter	Value
AuthenticationType	0
Authorization	
CertificateThumbPrint	
HttpPort	80
HttpsPort	443
ListenerPortMapping	
MonitoringInterval	43200
MonitoringStartTime	32400
RecoveryServerEnabled	0

Properties of resource 'IP Address 10.11.0.116'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8264
Name	IP Address 10.11.0.116
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	IP Address

Parameters of resource 'IP Address 10.11.0.116'.

Parameter	Value
Address	10.11.0.116
EnableDhcp	0
EnableNetBIOS	0
Network	PRODUCTION
OverrideAddressMatch	0
ProbeFailureThreshold	0
ProbePort	0
SubnetMask	255.255.0.0

Properties of resource 'NOP-R5'.

Property	Value
DeadlockTimeout	300000

Property	Value
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	9028
Name	NOP-R5
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	900000
SeparateMonitor	0
StatusInformation	0
Type	Physical Disk

Parameters of resource 'NOP-R5'.

Parameter	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskGuid	{177c18be-6a2f-4b89-013f-6022151465ac}
DiskIdGuid	{65f7625c-ecd4-4740-a9e8-040eab19bb85}
DiskIdType	1
DiskPath	
DiskRecoveryAction	0
DiskReload	0
DiskRunChkDsk	0
DiskSignature	0
DiskUniqueIds	< 204 Bytes >
DiskVolumeInfo	< 80 Bytes >
EnableBlockCache	1
MaintenanceMode	0
PoolId	
SnapshotDiffSize	0
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

Properties of resource 'OP-R5'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8720
Name	OP-R5
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500

Property	Value
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	900000
SeparateMonitor	0
StatusInformation	0
Type	Physical Disk

Parameters of resource 'OP-R5'.

Parameter	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskGuid	{bc092582-14de-4ef6-2131-06636628ac5f}
DiskIdGuid	{c988bb99-c17e-467a-ae89-3cab2d1b81dd}
DiskIdType	1
DiskPath	
DiskRecoveryAction	0
DiskReload	0
DiskRunChkDsk	0
DiskSignature	0
DiskUniqueIds	< 204 Bytes >
DiskVolumeInfo	< 80 Bytes >
EnableBlockCache	1
MaintenanceMode	0
PoolId	
SnapshotDiffSize	0
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

Properties of resource 'QOURUM'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8720
Name	QOURUM
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Physical Disk

Parameters of resource 'QOURUM'.

Parameter	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskGuid	{597d8f5f-fde5-ae71-71d8-9c577b34b0a3}
DiskIdGuid	{40b49e2f-3c23-47dc-bd8c-00cb98b2010d}

Parameter	Value
DiskIdType	1
DiskPath	
DiskRecoveryAction	0
DiskReload	0
DiskRunChkDsk	0
DiskSignature	0
DiskUniqueIds	< 204 Bytes >
DiskVolumeInfo	< 80 Bytes >
EnableBlockCache	1
MaintenanceMode	0
PoolId	
SnapshotDiffSize	0
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

Properties of resource 'Storage Qos Resource'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8264
Name	Storage Qos Resource
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Storage QoS Policy Manager

Parameters of resource 'Storage Qos Resource'.

Parameter	Value

Properties of resource 'Virtual Machine Ad-Sync'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Ad-Sync
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2

Property	Value
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	128
Type	Virtual Machine

Parameters of resource 'Virtual Machine Ad-Sync'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	4
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	4096
VirtualNumaCount	1
VmID	776248b9-3683-457e-a90d-4914a9a4bf1b
VmState	2
VPCount	0

Properties of resource 'Virtual Machine APEX-PROD'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine APEX-PROD
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	576460766262067201
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	128
Type	Virtual Machine

Parameters of resource 'Virtual Machine APEX-PROD'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	1
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	12288
VirtualNumaCount	1
VmID	7ac22896-f148-4ef4-a16e-506453a9c7e3
VmState	2
VPCount	0

Properties of resource 'Virtual Machine Cluster WMI'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8264
Name	Virtual Machine Cluster WMI
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Cluster WMI

Parameters of resource 'Virtual Machine Cluster WMI'.

Parameter	Value
ConfigStoreRootPath	

Properties of resource 'Virtual Machine Configuration Ad-Sync'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Configuration Ad-Sync
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration Ad-Sync'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	776248b9-3683-457e-a90d-4914a9a4bf1b
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\NOP-R5\Ad-sync\Ad-Sync
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration APEX-PROD'.

Property	Value
DeadlockTimeout	300000

Property	Value
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine Configuration APEX-PROD
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration APEX-PROD'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	7ac22896-f148-4ef4-a16e-506453a9c7e3
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\nop-r5\apex-prod\APEX-PROD
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration CS-AV2'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine Configuration CS-AV2
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration CS-AV2'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	a976382f-710e-4b1e-b377-add2d4acba3d
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\NOP-R5\CS-AV2\CS-AV2\CS-AV2
VmTemplateDiskFileName	
VmVersion	1280

Properties of resource 'Virtual Machine Configuration CS-CATALYST'.

Property	Value

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Configuration CS-CATALYST
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration CS-CATALYST'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	4941df47-2b1e-4e3d-9064-d405ca3c6a3e
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\nop-r5\cs-catalyst\CS-CATALYST
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration CS-CATALYST-TEST'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Configuration CS-CATALYST-TEST
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration CS-CATALYST-TEST'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	11a8793b-2ac8-4799-b3a6-0f489056b9ef
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\nop-r5\cs-catalyst-test\CS-CATALYST-TEST
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration DC-DOMAIN'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Configuration DC-DOMAIN
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration DC-DOMAIN'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	e1163606-4ea1-4f54-96e4-710391035fdb
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\NOP-R5\DC-DOMAIN\DC-DOMAIN
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration ECC'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8892
Name	Virtual Machine Configuration ECC
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration ECC'.

Parameter	Value
DependsOnSharedVolumes	5e3d449e-3a87-4f5e-ab0b-3c20a8330252
VmID	523b063a-f7d1-45ec-beb0-20437ef48ebe
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\OP-R5\ECC\ECC\ECC
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration ECC-TEST'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine Configuration ECC-TEST
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration ECC-TEST'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	dde56979-9e2d-422c-a03a-15ab84cdff19
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\nop-r5\ecc-test\ecc-test
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration ERP PRODUCTION'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8892
Name	Virtual Machine Configuration ERP PRODUCTION
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration ERP PRODUCTION'.

Parameter	Value
DependsOnSharedVolumes	5e3d449e-3a87-4f5e-ab0b-3c20a8330252
VmID	5a02eef7-1284-491f-bdf0-fc0173c8dda4
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\OP-R5\ERP-PRODUCTION\ERP PRODUCTION
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration ERPCSAPL'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine Configuration ERPCSAPL
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration ERPCSAPL'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	d7b4872f-f73d-438d-b00a-2be32e3dfcdd
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\NOP-R5\ERPCSAPL\ERPCSAPL
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration ERP-PROD'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8892
Name	Virtual Machine Configuration ERP-PROD
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration ERP-PROD'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	1f9b5793-ec22-44ba-bb07-77064ec7e1ac
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\NOP-R5\ERP-PROD\ERP-PROD
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration HESK'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Configuration HESK
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration HESK'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	dfcbc27e-ace7-4529-ad3a-e79c966f3026
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\nop-r5\hesk\HESK
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration HP-IRS'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine Configuration HP-IRS
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration HP-IRS'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	7acd43d3-c03c-4ea9-a649-66a10964778b
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\NOP-R5\HP-IRS\HP-IRS
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration HRMS-PRODUCTION'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Configuration HRMS-PRODUCTION
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration HRMS-PRODUCTION'.

Parameter	Value
DependsOnSharedVolumes	5e3d449e-3a87-4f5e-ab0b-3c20a8330252
VmID	f7474c27-cf9c-4b62-8975-e0fefd9c8d8b
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\op-r5\hrms-production\HRMS-PRODUCTION
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration kiwi-syslog-server'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Configuration kiwi-syslog-server
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration kiwi-syslog-server'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	1e4d0c90-81f6-4316-a8d6-c43ff0131ae3
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\NOP-R5\kiwi-syslog-server\kiwi-syslog-server
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration NMS'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Configuration NMS
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration NMS'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	0ab46a46-c94e-4cd8-878f-dca21e2ac5b9
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\NOP-R5\NMS\NMS\NMS
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration Reception System'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine Configuration Reception System
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration Reception System'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	5d08fb6f-98ad-46d1-9160-ace26169e997
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\NOP-R5\RS
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine Configuration SYSLOG-SERVER'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine Configuration SYSLOG-SERVER
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	0
ResourceSpecificData2	0
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine Configuration

Parameters of resource 'Virtual Machine Configuration SYSLOG-SERVER'.

Parameter	Value
DependsOnSharedVolumes	bc60d129-38df-4976-a0b8-b5b7729cfb53
VmID	e97264d3-452e-4b4b-a89f-3a410c2385b5
VmPhysicalDisks	
VmStoreRootPath	C:\ClusterStorage\nop-r5\syslog-server\SYSLOG-SERVER
VmTemplateDiskFileName	
VmVersion	2304

Properties of resource 'Virtual Machine CS-AV2'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine CS-AV2
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine

Parameters of resource 'Virtual Machine CS-AV2'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	6
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1

Parameter	Value
ShutdownAction	0
StartMemory	6144
VirtualNumaCount	1
VmID	a976382f-710e-4b1e-b377-add2d4acba3d
VmState	2
VPCount	0

Properties of resource 'Virtual Machine CS-CATALYST'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine CS-CATALYST
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	288230390110355457
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	384
Type	Virtual Machine

Parameters of resource 'Virtual Machine CS-CATALYST'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	31
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	6144
VirtualNumaCount	1
VmID	4941df47-2b1e-4e3d-9064-d405ca3c6a3e
VmState	2
VPCount	0

Properties of resource 'Virtual Machine CS-CATALYST-TEST'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine CS-CATALYST-TEST
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500

Property	Value
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	384
Type	Virtual Machine

Parameters of resource 'Virtual Machine CS-CATALYST-TEST'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	0
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	4096
VirtualNumaCount	1
VmID	11a8793b-2ac8-4799-b3a6-0f489056b9ef
VmState	2
VPCount	0

Properties of resource 'Virtual Machine DC-DOMAIN'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine DC-DOMAIN
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	128
Type	Virtual Machine

Parameters of resource 'Virtual Machine DC-DOMAIN'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	6
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	4096
VirtualNumaCount	1
VmID	e1163606-4ea1-4f54-96e4-710391035fdb
VmState	2
VPCount	0

Properties of resource 'Virtual Machine ECC'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8892
Name	Virtual Machine ECC
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine

Parameters of resource 'Virtual Machine ECC'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	7
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	16384
VirtualNumaCount	1
VmID	523b063a-f7d1-45ec-beb0-20437ef48ebe
VmState	2
VPCount	0

Properties of resource 'Virtual Machine ECC-TEST'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine ECC-TEST
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine

Parameters of resource 'Virtual Machine ECC-TEST'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	10
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	8192
VirtualNumaCount	1
VmID	dde56979-9e2d-422c-a03a-15ab84cdff19
VmState	2
VPCount	0

Properties of resource 'Virtual Machine ERP PRODUCTION'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8892
Name	Virtual Machine ERP PRODUCTION
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	128
Type	Virtual Machine

Parameters of resource 'Virtual Machine ERP PRODUCTION'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	13
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	65536
VirtualNumaCount	1
VmID	5a02eef7-1284-491f-bdf0-fc0173c8dda4
VmState	2
VPCount	0

Properties of resource 'Virtual Machine ERPCSAPL'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0

Property	Value
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine ERPCSAPL
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine

Parameters of resource 'Virtual Machine ERPCSAPL'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	15
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	32768
VirtualNumaCount	1
VmID	d7b4872f-f73d-438d-b00a-2be32e3dfcdd
VmState	2
VPCount	0

Properties of resource 'Virtual Machine ERP-PROD'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8892
Name	Virtual Machine ERP-PROD
PendingTimeout	180000
PersistentState	0
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine

Parameters of resource 'Virtual Machine ERP-PROD'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	0
DefaultMoveType	4294967295
MigrationFailureReason	0

Parameter	Value
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	16384
VirtualNumaCount	1
VmID	1f9b5793-ec22-44ba-bb07-77064ec7e1ac
VmState	3
VPCount	0

Properties of resource 'Virtual Machine HESK'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine HESK
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	288230390110355457
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	384
Type	Virtual Machine

Parameters of resource 'Virtual Machine HESK'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	3
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	4096
VirtualNumaCount	1
VmID	dfcbc27e-ace7-4529-ad3a-e79c966f3026
VmState	2
VPCount	0

Properties of resource 'Virtual Machine HP-IRS'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine HP-IRS
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824

Property	Value
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	128
Type	Virtual Machine

Parameters of resource 'Virtual Machine HP-IRS'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	36
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	8192
VirtualNumaCount	1
VmID	7acd43d3-c03c-4ea9-a649-66a10964778b
VmState	2
VPCount	0

Properties of resource 'Virtual Machine HRMS-PRODUCTION'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine HRMS-PRODUCTION
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	288230390110355457
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	128
Type	Virtual Machine

Parameters of resource 'Virtual Machine HRMS-PRODUCTION'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	11
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	4096
VirtualNumaCount	1
VmID	f7474c27-cf9c-4b62-8975-e0fefd9c8d8b

Parameter	Value
VmState	2
VPCount	0

Properties of resource 'Virtual Machine kiwi-syslog-server'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine kiwi-syslog-server
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	128
Type	Virtual Machine

Parameters of resource 'Virtual Machine kiwi-syslog-server'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	0
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	4096
VirtualNumaCount	1
VmID	1e4d0c90-81f6-4316-a8d6-c43ff0131ae3
VmState	2
VPCount	0

Properties of resource 'Virtual Machine NMS'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine NMS
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	288230390110355457
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0

Property	Value
StatusInformation	384
Type	Virtual Machine

Parameters of resource 'Virtual Machine NMS'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	1
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	4096
VirtualNumaCount	1
VmID	0ab46a46-c94e-4cd8-878f-dca21e2ac5b9
VmState	2
VPCount	0

Properties of resource 'Virtual Machine Reception System'.

Property	Value
DeadlockTimeout	300000
Description	
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8256
Name	Virtual Machine Reception System
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	0
Type	Virtual Machine

Parameters of resource 'Virtual Machine Reception System'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	5
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	4096
VirtualNumaCount	1
VmID	5d08fb6f-98ad-46d1-9160-ace26169e997
VmState	2
VPCount	0

Properties of resource 'Virtual Machine SYSLOG-SERVER'.

Property	Value
DeadlockTimeout	300000
Description	

Property	Value
EmbeddedFailureAction	2
IsAlivePollInterval	4294967295
LastOperationStatusCode	0
LooksAlivePollInterval	4294967295
MonitorProcessId	8936
Name	Virtual Machine SYSLOG-SERVER
PendingTimeout	180000
PersistentState	1
ResourceSpecificData1	8589934592
ResourceSpecificData2	1073741824
ResourceSpecificStatus	
RestartAction	2
RestartDelay	500
RestartPeriod	600000
RestartThreshold	1
RetryPeriodOnFailure	600000
SeparateMonitor	0
StatusInformation	128
Type	Virtual Machine

Parameters of resource 'Virtual Machine SYSLOG-SERVER'.

Parameter	Value
CheckHeartbeat	1
CpuReservation	0
CpuUsage	2
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
OfflineAction	1
ShutdownAction	0
StartMemory	12288
VirtualNumaCount	1
VmID	e97264d3-452e-4b4b-a89f-3a410c2385b5
VmState	2
VPCount	0

Stop: 06/11/2022 7:57:54 AM.

Back to Summary
Back to Top

List Cluster Volumes

Description: List information for the volumes in the cluster storage.
Start: 06/11/2022 7:57:54 AM.

Storage

3 Total Disks - 3 Online
0 Disks Available to Roles

Total Capacity

Total: 13.1 TB
Free Space: 6.69 TB (51.2%)

Available Capacity

Total: 0.00 B
Free Space: 0.00 B (0%)

Disk	Status	Group	Node	Capacity	FreeSpace
NOP-R5	Online	f1de2f9e-cab2-4b9a-a676-b81b094c6b54	HP-SRV2	8.16 TB	4.02 TB (49.3%)
OP-R5	Online	4e37d01c-d266-4f3a-9550-4f4acc23a9a6	HP-SRV1	4.89 TB	2.66 TB (54.4%)
QOURUM	Online	Cluster Group	HP-SRV1	1.84 GB	1.79 GB (97.3%)

Stop: 06/11/2022 7:57:54 AM.

Back to Summary
Back to Top

List Clustered Roles

Description: List information about clustered roles.
Start: 06/11/2022 7:57:54 AM.

Summary

Cluster Name: HP-CLUSTER
Total Roles: 19

Role	Status	Type
Ad-Sync	Online	Virtual Machine
APEX-PROD	Online	Virtual Machine
CS-AV2	Online	Virtual Machine
CS-CATALYST	Online	Virtual Machine
CS-CATALYST-TEST	Online	Virtual Machine
DC-DOMAIN	Online	Virtual Machine
ECC	Online	Virtual Machine
ECC-TEST	Online	Virtual Machine
ERP PRODUCTION	Online	Virtual Machine
ERPCSAPL	Online	Virtual Machine
ERP-PROD	Offline	Virtual Machine
HESK	Online	Virtual Machine
HP-IRS	Online	Virtual Machine
hp-replica	Online	Hyper-V Replica Broker
HRMS-PRODUCTION	Online	Virtual Machine
kiwi-syslog-server	Online	Virtual Machine
NMS	Online	Virtual Machine
Reception System	Online	Virtual Machine
SYSLOG-SERVER	Online	Virtual Machine

Role: Ad-Sync
Description:
Status: Online
Current Owner: HP-SRV3
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Ad-Sync	Virtual Machine	Running	All Nodes
Virtual Machine Configuration Ad-Sync	Virtual Machine Configuration	Online	All Nodes

Dependency: The ‘Virtual Machine Ad-Sync’ resource depends on the ‘Virtual Machine Configuration Ad-Sync’ resource.
Role: APEX-PROD
Description:
Status: Online
Current Owner: HP-SRV1
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine APEX-PROD	Virtual Machine	Running	All Nodes
Virtual Machine Configuration APEX-PROD	Virtual Machine Configuration	Online	All Nodes

Dependency: The ‘Virtual Machine APEX-PROD’ resource depends on the ‘Virtual Machine Configuration APEX-PROD’ resource.
Role: CS-AV2
Description:
Status: Online
Current Owner: HP-SRV1
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration CS-AV2	Virtual Machine Configuration	Online	All Nodes
Virtual Machine CS-AV2	Virtual Machine	Running	All Nodes

Dependency: The ‘Virtual Machine CS-AV2’ resource depends on the ‘Virtual Machine Configuration CS-AV2’ resource.
Role: CS-CATALYST
Description:
Status: Online
Current Owner: HP-SRV3

Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration CS-CATALYST	Virtual Machine Configuration	Online	All Nodes
Virtual Machine CS-CATALYST	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine CS-CATALYST' resource depends on the 'Virtual Machine Configuration CS-CATALYST' resource.
Role: CS-CATALYST-TEST
Description:
Status: Online
Current Owner: HP-SRV3
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration CS-CATALYST-TEST	Virtual Machine Configuration	Online	All Nodes
Virtual Machine CS-CATALYST-TEST	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine CS-CATALYST-TEST' resource depends on the 'Virtual Machine Configuration CS-CATALYST-TEST' resource.
Role: DC-DOMAIN
Description:
Status: Online
Current Owner: HP-SRV3
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration DC-DOMAIN	Virtual Machine Configuration	Online	All Nodes
Virtual Machine DC-DOMAIN	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine DC-DOMAIN' resource depends on the 'Virtual Machine Configuration DC-DOMAIN' resource.
Role: ECC
Description:
Status: Online
Current Owner: HP-SRV2
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration ECC	Virtual Machine Configuration	Online	All Nodes
Virtual Machine ECC	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine ECC' resource depends on the 'Virtual Machine Configuration ECC' resource.
Role: ECC-TEST
Description:
Status: Online
Current Owner: HP-SRV1
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration ECC-TEST	Virtual Machine Configuration	Online	All Nodes
Virtual Machine ECC-TEST	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine ECC-TEST' resource depends on the 'Virtual Machine Configuration ECC-TEST' resource.
Role: ERP PRODUCTION
Description:
Status: Online
Current Owner: HP-SRV2
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration ERP PRODUCTION	Virtual Machine Configuration	Online	All Nodes
Virtual Machine ERP PRODUCTION	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine ERP PRODUCTION' resource depends on the 'Virtual Machine Configuration ERP PRODUCTION' resource.
Role: ERPCSAPL
Description:
Status: Online
Current Owner: HP-SRV1
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration ERPCSAPL	Virtual Machine Configuration	Online	All Nodes
Virtual Machine ERPCSAPL	Virtual Machine	Running	All Nodes

Dependency: The ‘Virtual Machine ERPCSAPL’ resource depends on the ‘Virtual Machine Configuration ERPCSAPL’ resource.
Role: ERP-PROD
Description:
Status: Offline
Current Owner: HP-SRV2
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration ERP-PROD	Virtual Machine Configuration	Online	All Nodes
Virtual Machine ERP-PROD	Virtual Machine	Stopped	All Nodes

Dependency: The ‘Virtual Machine ERP-PROD’ resource depends on the ‘Virtual Machine Configuration ERP-PROD’ resource.
Role: HESK
Description:
Status: Online
Current Owner: HP-SRV3
Preferred Owners: None
Failback Policy: No failback policy defined.

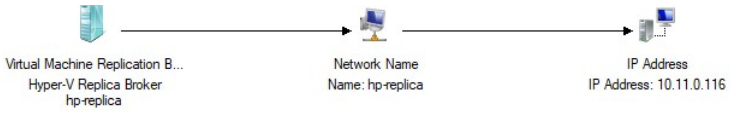
Resource	Type	Status	Possible Owners
Virtual Machine Configuration HESK	Virtual Machine Configuration	Online	All Nodes
Virtual Machine HESK	Virtual Machine	Running	All Nodes

Dependency: The ‘Virtual Machine HESK’ resource depends on the ‘Virtual Machine Configuration HESK’ resource.
Role: HP-IRS
Description:
Status: Online
Current Owner: HP-SRV1
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration HP-IRS	Virtual Machine Configuration	Online	All Nodes
Virtual Machine HP-IRS	Virtual Machine	Running	All Nodes

Dependency: The ‘Virtual Machine HP-IRS’ resource depends on the ‘Virtual Machine Configuration HP-IRS’ resource.
Role: hp-replica
Description:
Status: Online
Current Owner: HP-SRV1
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Name: hp-replica	Network Name	Online	All Nodes
Hyper-V Replica Broker hp-replica	Virtual Machine Replication Broker	Online	All Nodes
IP Address: 10.11.0.116	IP Address	Online	All Nodes



Role: HRMS-PRODUCTION
Description:
Status: Online
Current Owner: HP-SRV3
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration HRMS-PRODUCTION	Virtual Machine Configuration	Online	All Nodes
Virtual Machine HRMS-PRODUCTION	Virtual Machine	Running	All Nodes

Dependency: The ‘Virtual Machine HRMS-PRODUCTION’ resource depends on the ‘Virtual Machine Configuration HRMS-PRODUCTION’ resource.
Role: kiwi-syslog-server
Description:
Status: Online

Current Owner: HP-SRV3
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration kiwi-syslog-server	Virtual Machine Configuration	Online	All Nodes
Virtual Machine kiwi-syslog-server	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine kiwi-syslog-server' resource depends on the 'Virtual Machine Configuration kiwi-syslog-server' resource.
Role: NMS
Description:
Status: Online
Current Owner: HP-SRV3
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration NMS	Virtual Machine Configuration	Online	All Nodes
Virtual Machine NMS	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine NMS' resource depends on the 'Virtual Machine Configuration NMS' resource.
Role: Reception System
Description:
Status: Online
Current Owner: HP-SRV1
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration Reception System	Virtual Machine Configuration	Online	All Nodes
Virtual Machine Reception System	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine Reception System' resource depends on the 'Virtual Machine Configuration Reception System' resource.
Role: SYSLOG-SERVER
Description:
Status: Online
Current Owner: HP-SRV3
Preferred Owners: None
Failback Policy: No failback policy defined.

Resource	Type	Status	Possible Owners
Virtual Machine Configuration SYSLOG-SERVER	Virtual Machine Configuration	Online	All Nodes
Virtual Machine SYSLOG-SERVER	Virtual Machine	Running	All Nodes

Dependency: The 'Virtual Machine SYSLOG-SERVER' resource depends on the 'Virtual Machine Configuration SYSLOG-SERVER' resource.
Stop: 06/11/2022 7:57:55 AM.

Back to Summary
Back to Top

List Disks

Description: List all disks visible to one or more nodes. If a subset of disks is specified for validation, list only disks in the subset.
Start: 06/11/2022 7:54:15 AM.
Prepare storage for testing.

Begin to build matrix: 06/11/2022 7:54:16 AM.
Begin to build candidate disk list: 06/11/2022 7:54:16 AM.
Dump disk collection to report: 06/11/2022 7:54:16 AM.

HP-SRV1.csaplho.pk

Row	Disk Number	Disk Signature	VPD Page 83h Identifier	VPD Serial Number	Model	Bus Type	Stack Type	SCSI Address	Adapter	E fo V
0	0	{65f7625c-ecd4-4740-a9e8-040eab19bb85}	600C0FF0005357E1ECD48B6001000000	00c0ff5357e10000ecd48b6001000000	HPE MSA 2060 FC Multi-Path Disk Device	Fibre Channel	Stor Port	1:0:0:2	Microsoft Multi-Path Bus Driver	T
1	1		600C0FF0005357E144FE8F6001000000	00c0ff5357e1000044fe8f6001000000				1:0:0:3		F

Row	Disk Number	Disk Signature	VPD Page 83h Identifier	VPD Serial Number	Model	Bus Type	Stack Type	SCSI Address	Adapter	E fo V
		{40b49e2f-3c23-47dc-bd8c-00cb98b2010d}			HPE MSA 2060 FC Multi-Path Disk Device	Fibre Channel	Stor Port		Microsoft Multi-Path Bus Driver	
2	2	{c988bb99-c17e-467a-ae89-3cab2d1b81dd}	600C0FF00053545D6B75966001000000	00c0ff53545d00006b75966001000000	HPE MSA 2060 FC Multi-Path Disk Device	Fibre Channel	Stor Port	2:0:0:4	Microsoft Multi-Path Bus Driver	F
3	3	{76a4e255-5c56-4d3e-b9d7-e8e36e849438}	600508B1001C414203B1DA4B8EF1A7F7	PWXKV0CRHESBX5	HPE LOGICAL VOLUME Multi-Path Disk Device	SAS	Stor Port	3:0:1:0	Microsoft Multi-Path Bus Driver	F
4	4	{da6ba664-c7e3-4fbd-bc48-ce8054396c2f}	600508B1001C47FF735AB9C9F6B07AAD	PWXKV0CRHESBX5	HPE LOGICAL VOLUME Multi-Path Disk Device	SAS	Stor Port	3:0:1:1	Microsoft Multi-Path Bus Driver	T
5	5	0	<Unknown>	<Unknown>	<Unknown>	Unknown	SCSI Port	0:0:0:0		F
6	6	10ac63ad	5000000000000001	NA86DE5L	Seagate Expansion SCSI Disk Device	USB	Stor Port	5:0:0:0	USB Attached SCSI (UAS) Mass Storage Device	F

HP-SRV2.csaplho.pk

Row	Disk Number	Disk Signature	VPD Page 83h Identifier	VPD Serial Number	Model	Bus Type	Stack Type	SCSI Address	Adapter	El fo V
0	0	{65f7625c-ecd4-4740-a9e8-040eab19bb85}	600C0FF0005357E1ECD48B6001000000	00c0ff5357e10000ecd48b6001000000	HPE MSA 2060 FC Multi-Path Disk Device	Fibre Channel	Stor Port	1:0:0:2	Microsoft Multi-Path Bus Driver	Fa

Row	Disk Number	Disk Signature	VPD Page 83h Identifier	VPD Serial Number	Model	Bus Type	Stack Type	SCSI Address	Adapter	El fo V
1	1	{40b49e2f-3c23-47dc-bd8c-00cb98b2010d}	600C0FF0005357E144FE8F6001000000	00c0ff5357e1000044fe8f6001000000	HPE MSA 2060 FC Multi-Path Disk Device	Fibre Channel	Stor Port	1:0:0:3	Microsoft Multi-Path Bus Driver	Tı
2	2	{c988bb99-c17e-467a-ae89-3cab2d1b81dd}	600C0FF00053545D6B75966001000000	00c0ff53545d00006b75966001000000	HPE MSA 2060 FC Multi-Path Disk Device	Fibre Channel	Stor Port	2:0:0:4	Microsoft Multi-Path Bus Driver	Tı
3	3	{6c2d4dab-b0f4-4857-b9dc-4d4a9a0d89ba}	600508B1001CCBC172FF5E093F4CD9F1	PWXKV0CRHESBWC	HPE LOGICAL VOLUME Multi-Path Disk Device	SAS	Stor Port	3:0:1:0	Microsoft Multi-Path Bus Driver	Fa
4	4	{8270cc5f-1b31-4183-876a-444242ad40dc}	600508B1001CF84D6C55529F360A7FEF	PWXKV0CRHESBWC	HPE LOGICAL VOLUME Multi-Path Disk Device	SAS	Stor Port	3:0:1:1	Microsoft Multi-Path Bus Driver	Tı
5	5	0	<Unknown>	<Unknown>	<Unknown>	Unknown	SCSI Port	0:0:0:0		Fa
6	6	<No signature>	600224804CDE268685F254CF649AFF96	<Unknown>	Microsoft Virtual Disk	File Backed Virtual	Stor Port	4:0:0:15	Microsoft VHD Loopback Controller	Fa

HP-SRV3.csaplho.pk

Row	Disk Number	Disk Signature	VPD Page 83h Identifier	VPD Serial Number	Model	Bus Type	Stack Type	SCSI Address	Adapter	El fo V
0	0	{65f7625c-ecd4-4740-a9e8-040eab19bb85}	600C0FF0005357E1ECD48B6001000000	00c0ff5357e10000ecd48b6001000000	HPE MSA 2060 FC Multi-Path Disk Device	Fibre Channel	Stor Port	1:0:0:2	Microsoft Multi-Path Bus Driver	Tı

Row	Disk Number	Disk Signature	VPD Page 83h Identifier	VPD Serial Number	Model	Bus Type	Stack Type	SCSI Address	Adapter	El fo V:
1	1	{40b49e2f-3c23-47dc-bd8c-00cb98b2010d}	600C0FF0005357E144FE8F6001000000	00c0ff5357e1000044fe8f6001000000	HPE MSA 2060 FC Multi-Path Disk Device	Fibre Channel	Stor Port	1:0:0:3	Microsoft Tr Multi-Path Bus Driver	
2	2	{c988bb99-c17e-467a-ae89-3cab2d1b81dd}	600C0FF00053545D6B75966001000000	00c0ff53545d00006b75966001000000	HPE MSA 2060 FC Multi-Path Disk Device	Fibre Channel	Stor Port	2:0:0:4	Microsoft Tr Multi-Path Bus Driver	
3	3	{792c0666-013a-4c64-8322-062ae3a9ba43}	600508B1001C695681E35B7DA18D09D3	PWXKV0CRHESBX4	HPE LOGICAL VOLUME Multi-Path Disk Device	SAS	Stor Port	3:0:1:0	Microsoft Fa Multi-Path Bus Driver	
4	4	{a10d1a9f-74ca-4e0a-9a98-662ce10dc0e6}	600508B1001CDE3C277E94BAEEE54861	PWXKV0CRHESBX4	HPE LOGICAL VOLUME Multi-Path Disk Device	SAS	Stor Port	3:0:1:1	Microsoft Tr Multi-Path Bus Driver	
5	5	0	<Unknown>	<Unknown>	<Unknown>	Unknown	SCSI Port	0:0:0:0		Fa

Stop: 06/11/2022 7:54:16 AM.

Back to Summary
Back to Top

List Disks To Be Validated

Description: List disks that will be validated for cluster compatibility.
Start: 06/11/2022 7:54:16 AM.
Physical disk {a10d1a9f-74ca-4e0a-9a98-662ce10dc0e6} is visible from only one node and will not be tested. Validation requires that the disk be visible from at least two nodes. The disk is reported as visible at node: HP-SRV3.csaplho.pk
Physical disk {8270cc5f-1b31-4183-876a-444242ad40dc} is visible from only one node and will not be tested. Validation requires that the disk be visible from at least two nodes. The disk is reported as visible at node: HP-SRV2.csaplho.pk
Physical disk {da6ba664-c7e3-4fbd-bc48-ce8054396c2f} is visible from only one node and will not be tested. Validation requires that the disk be visible from at least two nodes. The disk is reported as visible at node: HP-SRV1.csaplho.pk
No disks were found on which to perform cluster validation tests. To correct this, review the following possible causes:
* The disks are already clustered and currently Online in the cluster. When testing a working cluster, ensure that the disks that you want to test are Offline in the cluster.
* The disks are unsuitable for clustering. Boot volumes, system volumes, disks used for paging or dump files, etc., are examples of disks unsuitable for clustering.
* Review the "List Disks" test. Ensure that the disks you want to test are unmasked, that is, your masking or zoning does not prevent access to the disks. If the disks seem to be unmasked or zoned correctly but could not be tested, try restarting the servers before running the validation tests again.

* The cluster does not use shared storage. A cluster must use a hardware solution based either on shared storage or on replication between nodes. If your solution is based on replication between nodes, you do not need to rerun Storage tests. Instead, work with the provider of your replication solution to ensure that replicated copies of the cluster configuration database can be maintained across the nodes.
* The disks are Online in the cluster and are in maintenance mode.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:16 AM.

Back to Summary
Back to Top

List Environment Variables

Description: List environment variables set on each node.
Start: 06/11/2022 7:54:17 AM.

HP-SRV1.csaplho.pk

Gathering Environment Variables for HP-SRV1.csaplho.pk

Name	Variable Value	User Name
ComSpec	%SystemRoot%\system32\cmd.exe	<SYSTEM>
DriverData	C:\Windows\System32\Drivers\DriverData	<SYSTEM>
NUMBER_OF_PROCESSORS	40	<SYSTEM>
OS	Windows_NT	<SYSTEM>
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	HP-SRV1\CLIUSR
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT AUTHORITY\LOCAL SERVICE
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT AUTHORITY\SYSTEM
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	CSAPLHO\osama.mansoor
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	CSAPLHO\seema.kanwal
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	CSAPLHO\nafees.alwani
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT AUTHORITY\NETWORK SERVICE
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	HP-SRV1\superman
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT SERVICE\ksnproxy
Path	%SystemRoot%\system32;%SystemRoot%;%SystemRoot%\System32\Wbem;%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\;%SYSTEMROOT%\System32\OpenSSH\;C:\Program Files\\SUT\bin;C:\Program Files\PuTTY\	<SYSTEM>
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC	<SYSTEM>
PROCESSOR_ARCHITECTURE	AMD64	<SYSTEM>
PROCESSOR_IDENTIFIER	Intel64 Family 6 Model 85 Stepping 7, GenuineIntel	<SYSTEM>
PROCESSOR_LEVEL	6	<SYSTEM>
PROCESSOR_REVISION	5507	<SYSTEM>
PSModulePath	%ProgramFiles%\WindowsPowerShell\Modules;%SystemRoot%\system32\WindowsPowerShell\v1.0\Modules	<SYSTEM>
TEMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\SYSTEM
TEMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\osama.mansoor
TEMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\nafees.alwani
TEMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV1\CLIUSR
TEMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\seema.kanwal
TEMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV1\superman
TEMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\LOCAL SERVICE
TEMP	%USERPROFILE%\AppData\Local\Temp	NT SERVICE\ksnproxy
TEMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\NETWORK SERVICE
TEMP	%SystemRoot%\TEMP	<SYSTEM>
TMP	%USERPROFILE%\AppData\Local\Temp	NT SERVICE\ksnproxy
TMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV1\superman
TMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV1\CLIUSR
TMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\LOCAL SERVICE
TMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\SYSTEM
TMP	%SystemRoot%\TEMP	<SYSTEM>
TMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\NETWORK SERVICE
TMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\nafees.alwani
TMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\seema.kanwal
TMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\osama.mansoor
USERNAME	SYSTEM	<SYSTEM>
windir	%SystemRoot%	<SYSTEM>

HP-SRV2.csaplho.pk

Gathering Environment Variables for HP-SRV2.csaplho.pk

Name	Variable Value	User Name
ComSpec	%SystemRoot%\system32\cmd.exe	<SYSTEM>
DriverData	C:\Windows\System32\Drivers\DriverData	<SYSTEM>
NUMBER_OF_PROCESSORS	40	<SYSTEM>
OS	Windows_NT	<SYSTEM>
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	HP-SRV2\CLIUSR
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT AUTHORITY\LOCAL SERVICE
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT AUTHORITY\SYSTEM
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	CSAPLHO\osama.mansoor
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	CSAPLHO\seema.kanwal
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	CSAPLHO\nafees.alwani
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT AUTHORITY\NETWORK SERVICE
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	HP-SRV2\superman
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT SERVICE\ksnproxy
Path	%SystemRoot%\system32;%SystemRoot%;%SystemRoot%\System32\Wbem;%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\;%SYSTEMROOT%\System32\OpenSSH\;C:\Program Files\\SUT\bin;C:\Program Files\PuTTY\	<SYSTEM>
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC	<SYSTEM>
PROCESSOR_ARCHITECTURE	AMD64	<SYSTEM>
PROCESSOR_IDENTIFIER	Intel64 Family 6 Model 85 Stepping 7, GenuineIntel	<SYSTEM>
PROCESSOR_LEVEL	6	<SYSTEM>
PROCESSOR_REVISION	5507	<SYSTEM>
PSModulePath	%ProgramFiles%\WindowsPowerShell\Modules;%SystemRoot%\system32\WindowsPowerShell\v1.0\Modules	<SYSTEM>
TEMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\SYSTEM
TEMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\osama.mansoor
TEMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\nafees.alwani
TEMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV2\CLIUSR
TEMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\seema.kanwal
TEMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV2\superman
TEMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\LOCAL SERVICE
TEMP	%USERPROFILE%\AppData\Local\Temp	NT SERVICE\ksnproxy
TEMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\NETWORK SERVICE
TEMP	%SystemRoot%\TEMP	<SYSTEM>
TMP	%USERPROFILE%\AppData\Local\Temp	NT SERVICE\ksnproxy
TMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV2\superman
TMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV2\CLIUSR
TMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\LOCAL SERVICE
TMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\SYSTEM
TMP	%SystemRoot%\TEMP	<SYSTEM>
TMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\NETWORK SERVICE
TMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\nafees.alwani
TMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\seema.kanwal
TMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\osama.mansoor
USERNAME	SYSTEM	<SYSTEM>
windir	%SystemRoot%	<SYSTEM>

HP-SRV3.csaplho.pk

Gathering Environment Variables for HP-SRV3.csaplho.pk

Name	Variable Value	User Name
ComSpec	%SystemRoot%\system32\cmd.exe	<SYSTEM>
DriverData	C:\Windows\System32\Drivers\DriverData	<SYSTEM>
NUMBER_OF_PROCESSORS	40	<SYSTEM>
OS	Windows_NT	<SYSTEM>
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	HP-SRV3\CLIUSR
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT AUTHORITY\LOCAL SERVICE
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT AUTHORITY\SYSTEM
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	CSAPLHO\osama.mansoor
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	CSAPLHO\seema.kanwal
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	CSAPLHO\iqbal.ahmed

Name	Variable Value	User Name
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT AUTHORITY\NETWORK SERVICE
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	HP-SRV3\superman
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;	NT SERVICE\ksnproxy
Path	%SystemRoot%\system32;%SystemRoot%;%SystemRoot%\System32\Wbem;%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\;%SYSTEMROOT%\System32\OpenSSH\;C:\Program Files\\SUT\bin	<SYSTEM>
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC	<SYSTEM>
PROCESSOR_ARCHITECTURE	AMD64	<SYSTEM>
PROCESSOR_IDENTIFIER	Intel64 Family 6 Model 85 Stepping 7, GenuineIntel	<SYSTEM>
PROCESSOR_LEVEL	6	<SYSTEM>
PROCESSOR_REVISION	5507	<SYSTEM>
PSModulePath	%ProgramFiles%\WindowsPowerShell\Modules;%SystemRoot%\system32\WindowsPowerShell\v1.0\Modules	<SYSTEM>
TEMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\SYSTEM
TEMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\osama.mansoor
TEMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\iqbal.ahmed
TEMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV3\CLIUSR
TEMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\seema.kanwal
TEMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV3\superman
TEMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\LOCAL SERVICE
TEMP	%USERPROFILE%\AppData\Local\Temp	NT SERVICE\ksnproxy
TEMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\NETWORK SERVICE
TEMP	%SystemRoot%\TEMP	<SYSTEM>
TMP	%USERPROFILE%\AppData\Local\Temp	NT SERVICE\ksnproxy
TMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV3\superman
TMP	%USERPROFILE%\AppData\Local\Temp	HP-SRV3\CLIUSR
TMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\LOCAL SERVICE
TMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\SYSTEM
TMP	%SystemRoot%\TEMP	<SYSTEM>
TMP	%USERPROFILE%\AppData\Local\Temp	NT AUTHORITY\NETWORK SERVICE
TMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\iqbal.ahmed
TMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\seema.kanwal
TMP	%USERPROFILE%\AppData\Local\Temp	CSAPLHO\osama.mansoor
USERNAME	SYSTEM	<SYSTEM>
windir	%SystemRoot%	<SYSTEM>

Stop: 06/11/2022 7:54:18 AM.

Back to Summary
Back to Top

List Fibre Channel Host Bus Adapters

Description: List Fibre Channel host bus adapters on each node.
Start: 06/11/2022 7:54:17 AM.

HP-SRV1.csaplho.pk

Gathering Fibre Channel Host Bus Adapter information for HP-SRV1.csaplho.pk

Manufacturer	Model	Description	Driver Name	Driver Version	Firmware Version	Hardware Version	Serial Number	Optional ROM Version	Unique Adapter ID
Marvell Semiconductor Inc.	SN1100Q	HPE SN1100Q 16Gb 2p FC HBA	ql2300.sys	9.4.2.20	9.06.02		MY50500D15	3.64	0
Marvell Semiconductor Inc.	SN1100Q	HPE SN1100Q 16Gb 2p FC HBA	ql2300.sys	9.4.2.20	9.06.02		MY50500D15	3.64	0

HP-SRV2.csaplho.pk

Gathering Fibre Channel Host Bus Adapter information for HP-SRV2.csaplho.pk

Manufacturer	Model	Description	Driver Name	Driver Version	Firmware Version	Hardware Version	Serial Number	Optional ROM Version	Unique Adapter ID

Manufacturer	Model	Description	Driver Name	Driver Version	Firmware Version	Hardware Version	Serial Number	Optional ROM Version	Unique Adapter ID
Marvell Semiconductor Inc.	SN1100Q	HPE SN1100Q 16Gb 2p FC HBA	ql2300.sys	9.4.2.20	9.06.02		MY50500BLL	3.64	0
Marvell Semiconductor Inc.	SN1100Q	HPE SN1100Q 16Gb 2p FC HBA	ql2300.sys	9.4.2.20	9.06.02		MY50500BLL	3.64	0

HP-SRV3.csaplho.pk

Gathering Fibre Channel Host Bus Adapter information for HP-SRV3.csaplho.pk

Manufacturer	Model	Description	Driver Name	Driver Version	Firmware Version	Hardware Version	Serial Number	Optional ROM Version	Unique Adapter ID
Marvell Semiconductor Inc.	SN1100Q	HPE SN1100Q 16Gb 2p FC HBA	ql2300.sys	9.4.2.20	9.06.02		MY50500D0H	3.64	0
Marvell Semiconductor Inc.	SN1100Q	HPE SN1100Q 16Gb 2p FC HBA	ql2300.sys	9.4.2.20	9.06.02		MY50500D0H	3.64	0

Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

List Host Guardian Service client configuration

Description: List Host Guardian Service client configuration.
Start: 06/11/2022 7:54:18 AM.

HP-SRV1.csaplho.pk

Gathering Host Guardian Service client configuration for HP-SRV1.csaplho.pk

Item	Value
Mode	Local
Is Host Guarded	False
Attestation Operation Mode	Unknown
Key Protection Server Url	
Attestation Server Url	
Attestation Status	Passed
Attestation Substatus	NoInformation

HP-SRV2.csaplho.pk

Gathering Host Guardian Service client configuration for HP-SRV2.csaplho.pk

Item	Value
Mode	Local
Is Host Guarded	False
Attestation Operation Mode	Unknown
Key Protection Server Url	
Attestation Server Url	
Attestation Status	Passed
Attestation Substatus	NoInformation

HP-SRV3.csaplho.pk

Gathering Host Guardian Service client configuration for HP-SRV3.csaplho.pk

Item	Value
Mode	Local

Item	Value
Is Host Guarded	False
Attestation Operation Mode	Unknown
Key Protection Server Url	
Attestation Server Url	
Attestation Status	Passed
Attestation Substatus	NoInformation

Stop: 06/11/2022 7:54:18 AM.

Back to Summary
Back to Top

List Hyper-V Virtual Machine Information

Description: List Hyper-V virtual machine information for each virtual machine in the specified cluster.
Start: 06/11/2022 8:01:27 AM.
Gathering inventory data for Hyper-V virtual machines.

	Virtual Machine Resources	
Virtual Machine	**Node**	**Heartbeat connected to cluster**
Virtual Machine Ad-Sync	HP-SRV3.csaplho.pk	True
Virtual Machine APEX-PROD	HP-SRV1.csaplho.pk	True
Virtual Machine CS-AV2	HP-SRV1.csaplho.pk	True
Virtual Machine CS-CATALYST	HP-SRV3.csaplho.pk	True
Virtual Machine CS-CATALYST-TEST	HP-SRV3.csaplho.pk	True
Virtual Machine DC-DOMAIN	HP-SRV3.csaplho.pk	True
Virtual Machine ECC	HP-SRV2.csaplho.pk	True
Virtual Machine ECC-TEST	HP-SRV1.csaplho.pk	True
Virtual Machine ERP PRODUCTION	HP-SRV2.csaplho.pk	True
Virtual Machine ERPCSAPL	HP-SRV1.csaplho.pk	True
Virtual Machine ERP-PROD	HP-SRV2.csaplho.pk	True
Virtual Machine HESK	HP-SRV3.csaplho.pk	True
Virtual Machine HP-IRS	HP-SRV1.csaplho.pk	True
Virtual Machine HRMS-PRODUCTION	HP-SRV3.csaplho.pk	True
Virtual Machine kiwi-syslog-server	HP-SRV3.csaplho.pk	True
Virtual Machine NMS	HP-SRV3.csaplho.pk	True
Virtual Machine Reception System	HP-SRV1.csaplho.pk	True
Virtual Machine SYSLOG-SERVER	HP-SRV3.csaplho.pk	True

Stop: 06/11/2022 8:01:31 AM.

Back to Summary
Back to Top

List Information About Servers Running Hyper-V

Description: List Hyper-V related information on each specified node.
Start: 06/11/2022 8:01:26 AM.
Gathering inventory data for servers running Hyper-V.

Node	Hyper-V Installed	Virtual Machine Queue Capable	Single Root I/O Virtualization Capable
HP-SRV1.csaplho.pk	True	False	False
HP-SRV2.csaplho.pk	True	False	False
HP-SRV3.csaplho.pk	True	False	False

Stop: 06/11/2022 8:01:27 AM.

Back to Summary
Back to Top

List iSCSI Host Bus Adapters

Description: List iSCSI host bus adapters on each node.
Start: 06/11/2022 7:54:17 AM.

HP-SRV1.csaplho.pk

Gathering iSCSI Host Bus Adapter information for HP-SRV1.csaplho.pk
None found...

HP-SRV2.csaplho.pk

Gathering iSCSI Host Bus Adapter information for HP-SRV2.csaplho.pk
None found...

HP-SRV3.csaplho.pk

Gathering iSCSI Host Bus Adapter information for HP-SRV3.csaplho.pk
None found...

Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

List Memory Information

Description: List memory information for each node.
Start: 06/11/2022 7:54:18 AM.

HP-SRV1.csaplho.pk

Gathering Memory Information for HP-SRV1.csaplho.pk

Item	Value
Total Physical Memory	128 GB
Total Visible Memory Size	128 GB
Total Virtual Memory Size	156 GB
Free Physical Memory	29.8 GB
Free Virtual Memory	57.4 GB
Free Space In Page Files	27.7 GB

HP-SRV2.csaplho.pk

Gathering Memory Information for HP-SRV2.csaplho.pk

Item	Value
Total Physical Memory	128 GB
Total Visible Memory Size	128 GB
Total Virtual Memory Size	147 GB
Free Physical Memory	34.0 GB
Free Virtual Memory	52.5 GB
Free Space In Page Files	18.7 GB

HP-SRV3.csaplho.pk

Gathering Memory Information for HP-SRV3.csaplho.pk

Item	Value
Total Physical Memory	128 GB
Total Visible Memory Size	128 GB
Total Virtual Memory Size	147 GB
Free Physical Memory	72.7 GB
Free Virtual Memory	91.8 GB
Free Space In Page Files	19.0 GB

Stop: 06/11/2022 7:54:18 AM.

Back to Summary
Back to Top

List Network Metric Order

Description: List the network interfaces in order of their metrics
Start: 06/11/2022 8:00:52 AM.

HP-SRV1.csaplho.pk

Network Connection	Interface Metric	Adapter	RDMA Capable	RSS Capable	Speed
V-MIGRATION	20	Microsoft Network Adapter Multiplexor Driver	False	True	2 Gbit/s
vEthernet (V-PROD)	20	Hyper-V Virtual Ethernet Adapter	False	True	2 Gbit/s

HP-SRV2.csaplho.pk

Network Connection	Interface Metric	Adapter	RDMA Capable	RSS Capable	Speed
V-MIGRATION	20	Microsoft Network Adapter Multiplexor Driver	False	True	2 Gbit/s
vEthernet (V-PROD)	20	Hyper-V Virtual Ethernet Adapter	False	True	2 Gbit/s

HP-SRV3.csaplho.pk

Network Connection	Interface Metric	Adapter	RDMA Capable	RSS Capable	Speed
V-MIGRATION	20	Microsoft Network Adapter Multiplexor Driver	False	True	2 Gbit/s
vEthernet (V-PROD)	20	Hyper-V Virtual Ethernet Adapter	False	True	2 Gbit/s

Stop: 06/11/2022 8:00:53 AM.

Back to Summary
Back to Top

List Operating System Information

Description: List information about the operating system on each node.
Start: 06/11/2022 7:54:18 AM.

HP-SRV1.csaplho.pk

Gathering Operating System Information for HP-SRV1.csaplho.pk

Item	Value
Name	Microsoft Windows Server 2019 Standard
Version	10.0.17763
Corrective Service Disk version	
Build Number	17763
Service Pack Major	0
Service Pack Minor	0
Install Date	29/04/2021 10:09:56 AM
Last BootUp Time	07/06/2021 2:40:28 PM
Local Date Time	06/11/2022 7:51:48 AM
Windows Directory	C:\Windows
System Directory	C:\Windows\system32
Boot Device	\Device\HarddiskVolume4
Locale	en-US
PageFiles	C:\pagefile.sys - 28.3 GB ;

HP-SRV2.csaplho.pk

Gathering Operating System Information for HP-SRV2.csaplho.pk

Item	Value
Name	Microsoft Windows Server 2019 Standard
Version	10.0.17763
Corrective Service Disk version	
Build Number	17763
Service Pack Major	0
Service Pack Minor	0
Install Date	29/04/2021 9:54:08 AM
Last BootUp Time	07/06/2021 2:43:17 PM
Local Date Time	06/11/2022 7:52:32 AM
Windows Directory	C:\Windows
System Directory	C:\Windows\system32
Boot Device	\Device\HarddiskVolume2
Locale	en-US
PageFiles	C:\pagefile.sys - 19.0 GB ;

HP-SRV3.csaplho.pk

Gathering Operating System Information for HP-SRV3.csaplho.pk

Item	Value
Name	Microsoft Windows Server 2019 Standard
Version	10.0.17763
Corrective Service Disk version	
Build Number	17763
Service Pack Major	0
Service Pack Minor	0
Install Date	29/04/2021 9:38:09 AM
Last BootUp Time	05/11/2022 3:11:21 PM
Local Date Time	06/11/2022 7:54:18 AM
Windows Directory	C:\Windows
System Directory	C:\Windows\system32
Boot Device	\Device\HarddiskVolume2
Locale	en-US
PageFiles	C:\pagefile.sys - 19.0 GB ;

Stop: 06/11/2022 7:54:18 AM.

Back to Summary
Back to Top

List Plug and Play Devices

Description: List Plug and Play devices on each node.
Start: 06/11/2022 7:54:18 AM.

HP-SRV1.csaplho.pk

Gathering Plug and Play Devices information for HP-SRV1.csaplho.pk

Caption	Manufacturer	Status	Service
ACPI Fixed Feature Button	(Standard system devices)	OK	Value Not Found
ACPI Module Device	(Standard system devices)	OK	Value Not Found
ACPI Module Device	(Standard system devices)	OK	Value Not Found
ACPI Wake Alarm	(Standard system devices)	OK	acpitime
ACPI x64-based PC	(Standard computers)	OK	\Driver\ACPI_HAL
Advanced programmable interrupt controller	(Standard system devices)	OK	Value Not Found
Cluster BFlt Driver	Microsoft	OK	clusbflt
Cluster Disk Driver	Microsoft	OK	ClusDisk
Cluster storage volume	Microsoft	OK	Value Not Found

Caption	Manufacturer	Status	Service
Cluster storage volume	Microsoft	OK	Value Not Found
Communications Port (COM1)	(Standard port types)	OK	Serial
Communications Port (COM2)	(Standard port types)	OK	Serial
Composite Bus Enumerator	Microsoft	OK	CompositeBus
CSV Volume Bus	Microsoft	OK	csvvbus
Direct memory access controller	(Standard system devices)	OK	Value Not Found
F:\	Generic-	OK	WUDFWpdFs
Generic SCSI Enclosure Device	Microsoft	OK	Value Not Found
Generic SCSI Enclosure Device	Microsoft	OK	Value Not Found
Generic SCSI Enclosure Device	Microsoft	OK	Value Not Found
Generic- SD/MMC CRW USB Device	(Standard disk drives)	OK	disk
Generic USB Hub	(Standard USB HUBs)	OK	USBHUB3
High precision event timer	(Standard system devices)	OK	Value Not Found
HPE Ethernet 1Gb 4-port 331i Adapter	Hewlett-Packard Company	OK	q57nd60a
HPE Ethernet 1Gb 4-port 331i Adapter #2	Hewlett-Packard Company	OK	q57nd60a
HPE Ethernet 1Gb 4-port 331i Adapter #3	Hewlett-Packard Company	OK	q57nd60a
HPE Ethernet 1Gb 4-port 331i Adapter #4	Hewlett-Packard Company	OK	q57nd60a
HPE LOGICAL VOLUME Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE LOGICAL VOLUME Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE LOGICAL VOLUME SCSI Disk Device	(Standard disk drives)	OK	disk
HPE LOGICAL VOLUME SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE Smart Array P408i-a SR Gen10	Microchip Corporation.	OK	SmartPqi
HPE SN1100Q 16Gb 2p FC HBA	QLogic	OK	ql2300
HPE SN1100Q 16Gb 2p FC HBA	QLogic	OK	ql2300
Hyper-V Virtual Ethernet Adapter	Microsoft	OK	VMSNPXYMP
Hyper-V Virtual Switch Extension Adapter	Microsoft	OK	VMSMP
iLO 5 (ASR)	Hewlett Packard Enterprise	OK	nechesasr
iLO 5 (CHIF)	Hewlett Packard Enterprise	OK	necheschif
Intel(R) address translation DSM interface	INTEL	OK	Value Not Found
Intel(R) C620 series chipset CSME: Management Engine Interface #1 - A1BA	INTEL	OK	Value Not Found
Intel(R) C620 series chipset CSME: Management Engine Interface #3 - A1BE	INTEL	OK	Value Not Found
Intel(R) C620 series chipset MROM 0 - A1EC	INTEL	OK	Value Not Found
Intel(R) C620 series chipset MROM 1 - A1ED	INTEL	OK	Value Not Found
Intel(R) C620 series chipset PMC - A1A1	INTEL	OK	Value Not Found
Intel(R) C620 series chipset Thermal Subsystem - A1B1	INTEL	OK	Value Not Found
Intel(R) USB 3.0 eXtensible Host Controller - 1.0 (Microsoft)	Generic USB xHCI Host Controller	OK	USBXHCI
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2054	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2054	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2055	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2055	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2056	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2056	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2057	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2057	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DMI3 Port - 2020	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOAPIC - 2026	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOAPIC - 2026	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204C	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204C	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 MM/Vt - d Configuration Registers - 2024	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 MM/Vt - d Configuration Registers - 2024	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2080	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2080	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2081	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2081	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2082	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2082	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2083	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2083	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2084	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2084	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2085	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2085	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2086	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2086	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS - 2025	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS - 2025	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2014	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2014	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2015	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2015	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2016	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2016	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Matrox G200eh3 (HP) WDDM 2.0	Matrox Graphics Inc.	OK	MxG2hDO64
Microsoft ACPI-Compliant Power Meter Device	Microsoft	OK	AcpiPmi
Microsoft ACPI-Compliant System	Microsoft	OK	ACPI
Microsoft Basic Display Driver	(Standard display types)	OK	BasicDisplay
Microsoft Basic Render Driver	Microsoft	OK	BasicRender
Microsoft ClusPort HBA	Microsoft	OK	clusport
Microsoft Failover Cluster Virtual Adapter	Microsoft	OK	Netft
Microsoft Generic IPMI Compliant Device	Microsoft	OK	IPMIDRV
Microsoft Hardware Error Device	Microsoft	OK	ErrDev
Microsoft Hyper-V PCI Server	Microsoft	OK	vpcivsp
Microsoft Hyper-V Virtual Disk Server	Microsoft	OK	storvsp
Microsoft Hyper-V Virtual Machine Bus Provider	Microsoft	OK	vmbusr
Microsoft Hyper-V Virtualization Infrastructure Driver	Microsoft	OK	Vid
Microsoft Kernel Debug Network Adapter	Microsoft	OK	kdnic
Microsoft Multi-Path Bus Driver	Microsoft	OK	mpio
Microsoft Multi-Path Device Specific Module	Microsoft	Degraded	msdsm
Microsoft Network Adapter Multiplexor Driver	Microsoft	OK	NdisImPlatformMp
Microsoft Network Adapter Multiplexor Driver #2	Microsoft	OK	NdisImPlatformMp
Microsoft Print to PDF	Microsoft	OK	Value Not Found
Microsoft Radio Device Enumeration Bus	Microsoft	OK	Value Not Found
Microsoft RRAS Root Enumerator	Microsoft	OK	Value Not Found
Microsoft Storage Spaces Controller	Microsoft	OK	spaceport
Microsoft System Management BIOS Driver	(Standard system devices)	OK	mssmbios
Microsoft VHD Loopback Controller	Microsoft	OK	vhdmp
Microsoft Virtual Drive Enumerator	Microsoft	OK	vdrvroot
Microsoft Windows Management Interface for ACPI	Microsoft	OK	WmiAcpi
Microsoft XPS Document Writer	Microsoft	OK	Value Not Found
Motherboard resources	(Standard system devices)	OK	Value Not Found
NDIS Virtual Network Adapter Enumerator	Microsoft	OK	NdisVirtualBus
Numeric data processor	(Standard system devices)	OK	Value Not Found
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci

Caption	Manufacturer	Status	Service
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI standard ISA bridge	(Standard system devices)	OK	msisadrv
Plug and Play Software Device Enumerator	(Standard system devices)	OK	swenum
Programmable interrupt controller	(Standard system devices)	OK	Value Not Found
Remote Desktop Device Redirector Bus	Microsoft	OK	rdpbus
Root Print Queue	Microsoft	OK	Value Not Found
SEAGATE	Seagate	OK	WUDFWpdFs
Seagate Expansion SCSI Disk Device	(Standard disk drives)	OK	disk
Standard Enhanced PCI to USB Host Controller	(Standard USB Host Controller)	OK	usbehci
System CMOS/real time clock	(Standard system devices)	OK	Value Not Found
System speaker	(Standard system devices)	OK	Value Not Found
System timer	(Standard system devices)	OK	Value Not Found
UMBus Enumerator	Microsoft	OK	umbus
UMBus Root Bus Enumerator	Microsoft	OK	umbus
USB Attached SCSI (UAS) Mass Storage Device	USB Attached SCSI (UAS) Compatible Device	OK	UASPStor
USB Mass Storage Device	Compatible USB storage device	OK	USBSTOR
USB Root Hub	(Standard USB Host Controller)	OK	usbhub
USB Root Hub (USB 3.0)	(Standard USB HUBs)	OK	USBHUB3
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume Manager	Microsoft	OK	volmgr
WAN Miniport (GRE)	Microsoft	OK	RasGre
WAN Miniport (IKEv2)	Microsoft	OK	RasAgileVpn
WAN Miniport (IP)	Microsoft	OK	NdisWan
WAN Miniport (IPv6)	Microsoft	OK	NdisWan
WAN Miniport (L2TP)	Microsoft	OK	Rasl2tp
WAN Miniport (Network Monitor)	Microsoft	OK	NdisWan
WAN Miniport (PPPOE)	Microsoft	OK	RasPppoe
WAN Miniport (PPTP)	Microsoft	OK	PptpMiniport
WAN Miniport (SSTP)	Microsoft	OK	RasSstp
Value Not Found	Value Not Found	OK	Value Not Found

HP-SRV2.csaplho.pk

Gathering Plug and Play Devices information for HP-SRV2.csaplho.pk

Caption	Manufacturer	Status	Service
ACPI Fixed Feature Button	(Standard system devices)	OK	Value Not Found
ACPI Module Device	(Standard system devices)	OK	Value Not Found
ACPI Module Device	(Standard system devices)	OK	Value Not Found
ACPI Wake Alarm	(Standard system devices)	OK	acpitime
ACPI x64-based PC	(Standard computers)	OK	\Driver\ACPI_HAL
Advanced programmable interrupt controller	(Standard system devices)	OK	Value Not Found
Cluster BFlt Driver	Microsoft	OK	clusbflt
Cluster Disk Driver	Microsoft	OK	ClusDisk
Cluster storage volume	Microsoft	OK	Value Not Found
Cluster storage volume	Microsoft	OK	Value Not Found
Communications Port (COM1)	(Standard port types)	OK	Serial
Communications Port (COM2)	(Standard port types)	OK	Serial
Composite Bus Enumerator	Microsoft	OK	CompositeBus
CSV Volume Bus	Microsoft	OK	csvvbus
Direct memory access controller	(Standard system devices)	OK	Value Not Found
F:\	Generic-	OK	WUDFWpdFs
Generic SCSI Enclosure Device	Microsoft	OK	Value Not Found
Generic SCSI Enclosure Device	Microsoft	OK	Value Not Found
Generic SCSI Enclosure Device	Microsoft	OK	Value Not Found
Generic- SD/MMC CRW USB Device	(Standard disk drives)	OK	disk
Generic USB Hub	(Standard USB HUBs)	OK	USBHUB3
High precision event timer	(Standard system devices)	OK	Value Not Found
HPE Ethernet 1Gb 4-port 331i Adapter	Hewlett-Packard Company	OK	q57nd60a
HPE Ethernet 1Gb 4-port 331i Adapter #2	Hewlett-Packard Company	OK	q57nd60a
HPE Ethernet 1Gb 4-port 331i Adapter #3	Hewlett-Packard Company	OK	q57nd60a
HPE Ethernet 1Gb 4-port 331i Adapter #4	Hewlett-Packard Company	OK	q57nd60a
HPE LOGICAL VOLUME Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE LOGICAL VOLUME Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE LOGICAL VOLUME SCSI Disk Device	(Standard disk drives)	OK	disk
HPE LOGICAL VOLUME SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE Smart Array P408i-a SR Gen10	Microchip Corporation.	OK	SmartPqi
HPE SN1100Q 16Gb 2p FC HBA	QLogic	OK	ql2300
HPE SN1100Q 16Gb 2p FC HBA	QLogic	OK	ql2300
Hyper-V Virtual Ethernet Adapter	Microsoft	OK	VMSNPXYMP
Hyper-V Virtual Switch Extension Adapter	Microsoft	OK	VMSMP
iLO 5 (ASR)	Hewlett Packard Enterprise	OK	nechesasr
iLO 5 (CHIF)	Hewlett Packard Enterprise	OK	necheschif
Intel(R) address translation DSM interface	INTEL	OK	Value Not Found
Intel(R) C620 series chipset CSME: Management Engine Interface #1 - A1BA	INTEL	OK	Value Not Found
Intel(R) C620 series chipset CSME: Management Engine Interface #3 - A1BE	INTEL	OK	Value Not Found
Intel(R) C620 series chipset MROM 0 - A1EC	INTEL	OK	Value Not Found
Intel(R) C620 series chipset MROM 1 - A1ED	INTEL	OK	Value Not Found
Intel(R) C620 series chipset PMC - A1A1	INTEL	OK	Value Not Found
Intel(R) C620 series chipset Thermal Subsystem - A1B1	INTEL	OK	Value Not Found

Caption	Manufacturer	Status	Service
Intel(R) USB 3.0 eXtensible Host Controller - 1.0 (Microsoft)	Generic USB xHCI Host Controller	OK	USBXHCI
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2054	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2054	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2055	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2055	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2056	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2056	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2057	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2057	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DMI3 Port - 2020	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOAPIC - 2026	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOAPIC - 2026	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204C	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204C	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 MM/Vt - d Configuration Registers - 2024	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 MM/Vt - d Configuration Registers - 2024	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2080	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2080	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2081	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2081	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2082	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2082	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2083	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2083	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2084	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2084	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2085	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2085	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2086	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2086	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS - 2025	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS - 2025	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2014	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2014	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2015	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2015	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2016	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2016	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Matrox G200eh3 (HP) WDDM 2.0	Matrox Graphics Inc.	OK	MxG2hDO64
Microsoft ACPI-Compliant Power Meter Device	Microsoft	OK	AcpiPmi
Microsoft ACPI-Compliant System	Microsoft	OK	ACPI
Microsoft Basic Display Driver	(Standard display types)	OK	BasicDisplay
Microsoft Basic Render Driver	Microsoft	OK	BasicRender
Microsoft ClusPort HBA	Microsoft	OK	clusport
Microsoft Failover Cluster Virtual Adapter	Microsoft	OK	Netft
Microsoft Generic IPMI Compliant Device	Microsoft	OK	IPMIDRV
Microsoft Hardware Error Device	Microsoft	OK	ErrDev
Microsoft Hyper-V PCI Server	Microsoft	OK	vpcivsp
Microsoft Hyper-V Virtual Disk Server	Microsoft	OK	storvsp
Microsoft Hyper-V Virtual Machine Bus Provider	Microsoft	OK	vmbusr
Microsoft Hyper-V Virtualization Infrastructure Driver	Microsoft	OK	Vid
Microsoft Kernel Debug Network Adapter	Microsoft	OK	kdnic
Microsoft Multi-Path Bus Driver	Microsoft	OK	mpio
Microsoft Multi-Path Device Specific Module	Microsoft	Degraded	msdsm
Microsoft Network Adapter Multiplexor Driver	Microsoft	OK	NdisImPlatformMp
Microsoft Network Adapter Multiplexor Driver #2	Microsoft	OK	NdisImPlatformMp
Microsoft Print to PDF	Microsoft	OK	Value Not Found
Microsoft Radio Device Enumeration Bus	Microsoft	OK	Value Not Found
Microsoft RRAS Root Enumerator	Microsoft	OK	Value Not Found
Microsoft Storage Spaces Controller	Microsoft	OK	spaceport
Microsoft System Management BIOS Driver	(Standard system devices)	OK	mssmbios
Microsoft VHD Loopback Controller	Microsoft	OK	vhdmp
Microsoft Virtual Disk	(Standard disk drives)	OK	disk
Microsoft Virtual Drive Enumerator	Microsoft	OK	vdrvroot
Microsoft Virtual DVD-ROM	(Standard CD-ROM drives)	OK	cdrom
Microsoft Windows Management Interface for ACPI	Microsoft	OK	WmiAcpi
Microsoft XPS Document Writer	Microsoft	OK	Value Not Found
Motherboard resources	(Standard system devices)	OK	Value Not Found
NDIS Virtual Network Adapter Enumerator	Microsoft	OK	NdisVirtualBus
Numeric data processor	(Standard system devices)	OK	Value Not Found
PCI Express Root Complex	(Standard system devices)	OK	pci

Caption	Manufacturer	Status	Service
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI standard ISA bridge	(Standard system devices)	OK	msisadrv
Plug and Play Software Device Enumerator	(Standard system devices)	OK	swenum
Programmable interrupt controller	(Standard system devices)	OK	Value Not Found
Remote Desktop Device Redirector Bus	Microsoft	OK	rdpbus
Remote Desktop Keyboard Device	(Standard system devices)	OK	terminpt
Remote Desktop Mouse Device	(Standard system devices)	OK	terminpt
Root Print Queue	Microsoft	OK	Value Not Found
Standard Enhanced PCI to USB Host Controller	(Standard USB Host Controller)	OK	usbehci
System CMOS/real time clock	(Standard system devices)	OK	Value Not Found
System speaker	(Standard system devices)	OK	Value Not Found
System timer	(Standard system devices)	OK	Value Not Found
UMBus Enumerator	Microsoft	OK	umbus
UMBus Root Bus Enumerator	Microsoft	OK	umbus
USB Mass Storage Device	Compatible USB storage device	OK	USBSTOR
USB Root Hub	(Standard USB Host Controller)	OK	usbhub
USB Root Hub (USB 3.0)	(Standard USB HUBs)	OK	USBHUB3
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume Manager	Microsoft	OK	volmgr
WAN Miniport (GRE)	Microsoft	OK	RasGre

Caption	Manufacturer	Status	Service
WAN Miniport (IKEv2)	Microsoft	OK	RasAgileVpn
WAN Miniport (IP)	Microsoft	OK	NdisWan
WAN Miniport (IPv6)	Microsoft	OK	NdisWan
WAN Miniport (L2TP)	Microsoft	OK	Rasl2tp
WAN Miniport (Network Monitor)	Microsoft	OK	NdisWan
WAN Miniport (PPPOE)	Microsoft	OK	RasPppoe
WAN Miniport (PPTP)	Microsoft	OK	PptpMiniport
WAN Miniport (SSTP)	Microsoft	OK	RasSstp
Value Not Found	Value Not Found	OK	Value Not Found

HP-SRV3.csaplho.pk

Gathering Plug and Play Devices information for HP-SRV3.csaplho.pk

Caption	Manufacturer	Status	Service
ACPI Fixed Feature Button	(Standard system devices)	OK	Value Not Found
ACPI Module Device	(Standard system devices)	OK	Value Not Found
ACPI Module Device	(Standard system devices)	OK	Value Not Found
ACPI Wake Alarm	(Standard system devices)	OK	acpitime
ACPI x64-based PC	(Standard computers)	OK	\Driver\ACPI_HAL
Advanced programmable interrupt controller	(Standard system devices)	OK	Value Not Found
Cluster BFlt Driver	Microsoft	OK	clusbflt
Cluster Disk Driver	Microsoft	OK	ClusDisk
Cluster storage volume	Microsoft	OK	Value Not Found
Cluster storage volume	Microsoft	OK	Value Not Found
Communications Port (COM1)	(Standard port types)	OK	Serial
Communications Port (COM2)	(Standard port types)	OK	Serial
Composite Bus Enumerator	Microsoft	OK	CompositeBus
CSV Volume Bus	Microsoft	OK	csvvbus
Direct memory access controller	(Standard system devices)	OK	Value Not Found
F:\	Generic-	OK	WUDFWpdFs
Fax (redirected 2)	Microsoft	OK	Value Not Found
Generic SCSI Enclosure Device	Microsoft	OK	Value Not Found
Generic SCSI Enclosure Device	Microsoft	OK	Value Not Found
Generic SCSI Enclosure Device	Microsoft	OK	Value Not Found
Generic- SD/MMC CRW USB Device	(Standard disk drives)	OK	disk
Generic USB Hub	(Standard USB HUBs)	OK	USBHUB3
High precision event timer	(Standard system devices)	OK	Value Not Found
HPE Ethernet 1Gb 4-port 331i Adapter	Hewlett-Packard Company	OK	q57nd60a
HPE Ethernet 1Gb 4-port 331i Adapter #2	Hewlett-Packard Company	OK	q57nd60a
HPE Ethernet 1Gb 4-port 331i Adapter #3	Hewlett-Packard Company	OK	q57nd60a
HPE Ethernet 1Gb 4-port 331i Adapter #4	Hewlett-Packard Company	OK	q57nd60a
HPE LOGICAL VOLUME Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE LOGICAL VOLUME Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE LOGICAL VOLUME SCSI Disk Device	(Standard disk drives)	OK	disk
HPE LOGICAL VOLUME SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC Multi-Path Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE MSA 2060 FC SCSI Disk Device	(Standard disk drives)	OK	disk
HPE Smart Array P408i-a SR Gen10	Microchip Corporation.	OK	SmartPqi

Caption	Manufacturer	Status	Service
HPE SN1100Q 16Gb 2p FC HBA	QLogic	OK	ql2300
HPE SN1100Q 16Gb 2p FC HBA	QLogic	OK	ql2300
Hyper-V Virtual Ethernet Adapter	Microsoft	OK	VMSNPXYMP
Hyper-V Virtual Switch Extension Adapter	Microsoft	OK	VMSMP
iLO 5 (ASR)	Hewlett Packard Enterprise	OK	nechesasr
iLO 5 (CHIF)	Hewlett Packard Enterprise	OK	necheschif
Intel(R) address translation DSM interface	INTEL	OK	Value Not Found
Intel(R) C620 series chipset CSME: Management Engine Interface #1 - A1BA	INTEL	OK	Value Not Found
Intel(R) C620 series chipset CSME: Management Engine Interface #3 - A1BE	INTEL	OK	Value Not Found
Intel(R) C620 series chipset MROM 0 - A1EC	INTEL	OK	Value Not Found
Intel(R) C620 series chipset MROM 1 - A1ED	INTEL	OK	Value Not Found
Intel(R) C620 series chipset PMC - A1A1	INTEL	OK	Value Not Found
Intel(R) C620 series chipset Thermal Subsystem - A1B1	INTEL	OK	Value Not Found
Intel(R) USB 3.0 eXtensible Host Controller - 1.0 (Microsoft)	Generic USB xHCI Host Controller	OK	USBXHCI
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CBDMA Registers - 2021	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2054	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2054	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2055	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2055	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2056	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2056	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2057	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 2057	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 CHA Registers - 208E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DDRIO Registers - 2088	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DECS Channel 2 - 2048	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 DMI3 Port - 2020	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2040	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2041	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2042	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2043	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2044	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Integrated Memory Controller - 2066	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Intel VT - D - 2034	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOAPIC - 2026	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOAPIC - 2026	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 IOxAPIC Configuration Registers - 2036	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 KTI 0 - 2058	INTEL	OK	Value Not Found

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 1 - 2045	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LM Channel 2 - 2049	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 1 - 2047	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMDP Channel 2 - 204B	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 1 - 2046	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 LMS Channel 2 - 204A	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M2PCI Registers - 2018	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204C	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204C	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204D	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 M3KTI Registers - 204E	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 MM/Vt - d Configuration Registers - 2024	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 MM/Vt - d Configuration Registers - 2024	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2080	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2080	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2081	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2081	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2082	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2082	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2083	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2083	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2084	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2084	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2085	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2085	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2086	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 PCU Registers - 2086	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS - 2025	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS - 2025	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 RAS Configuration Registers - 2035	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2014	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2014	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2015	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2015	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2016	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 Ubox Registers - 2016	INTEL	OK	Value Not Found

Caption	Manufacturer	Status	Service
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) processor P family/Core i7 UPI Registers - 2059	INTEL	OK	Value Not Found
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz	Intel	OK	intelppm
Matrox G200eh3 (HP) WDDM 2.0	Matrox Graphics Inc.	OK	MxG2hDO64
Microsoft ACPI-Compliant Power Meter Device	Microsoft	OK	AcpiPmi
Microsoft ACPI-Compliant System	Microsoft	OK	ACPI
Microsoft Basic Display Driver	(Standard display types)	OK	BasicDisplay
Microsoft Basic Render Driver	Microsoft	OK	BasicRender
Microsoft ClusPort HBA	Microsoft	OK	clusport
Microsoft Failover Cluster Virtual Adapter	Microsoft	OK	Netft
Microsoft Generic IPMI Compliant Device	Microsoft	OK	IPMIDRV
Microsoft Hardware Error Device	Microsoft	OK	ErrDev
Microsoft Hyper-V PCI Server	Microsoft	OK	vpcivsp
Microsoft Hyper-V Virtual Disk Server	Microsoft	OK	storvsp
Microsoft Hyper-V Virtual Machine Bus Provider	Microsoft	OK	vmbusr
Microsoft Hyper-V Virtualization Infrastructure Driver	Microsoft	OK	Vid
Microsoft Kernel Debug Network Adapter	Microsoft	OK	kdnic
Microsoft Multi-Path Bus Driver	Microsoft	OK	mpio
Microsoft Multi-Path Device Specific Module	Microsoft	Degraded	msdsm
Microsoft Network Adapter Multiplexor Driver	Microsoft	OK	NdisImPlatformMp
Microsoft Network Adapter Multiplexor Driver #2	Microsoft	OK	NdisImPlatformMp
Microsoft Print to PDF	Microsoft	OK	Value Not Found
Microsoft Print to PDF (redirected 2)	Microsoft	OK	Value Not Found
Microsoft Radio Device Enumeration Bus	Microsoft	OK	Value Not Found
Microsoft RRAS Root Enumerator	Microsoft	OK	Value Not Found

Caption	Manufacturer	Status	Service
Microsoft Storage Spaces Controller	Microsoft	OK	spaceport
Microsoft System Management BIOS Driver	(Standard system devices)	OK	mssmbios
Microsoft VHD Loopback Controller	Microsoft	OK	vhdmp
Microsoft Virtual Drive Enumerator	Microsoft	OK	vdrvroot
Microsoft Windows Management Interface for ACPI	Microsoft	OK	WmiAcpi
Microsoft XPS Document Writer	Microsoft	OK	Value Not Found
Microsoft XPS Document Writer (redirected 2)	Microsoft	OK	Value Not Found
Motherboard resources	(Standard system devices)	OK	Value Not Found
NDIS Virtual Network Adapter Enumerator	Microsoft	OK	NdisVirtualBus
Numeric data processor	(Standard system devices)	OK	Value Not Found
OneNote for Windows 10 (redirected 2)	Microsoft	OK	Value Not Found
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Complex	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI Express Root Port	(Standard system devices)	OK	pci
PCI standard ISA bridge	(Standard system devices)	OK	msisadrv
Plug and Play Software Device Enumerator	(Standard system devices)	OK	swenum
Programmable interrupt controller	(Standard system devices)	OK	Value Not Found
Remote Desktop Device Redirector Bus	Microsoft	OK	rdpbus
Remote Desktop Keyboard Device	(Standard system devices)	OK	terminpt
Remote Desktop Mouse Device	(Standard system devices)	OK	terminpt
Root Print Queue	Microsoft	OK	Value Not Found
Standard Enhanced PCI to USB Host Controller	(Standard USB Host Controller)	OK	usbehci
System CMOS/real time clock	(Standard system devices)	OK	Value Not Found
System speaker	(Standard system devices)	OK	Value Not Found
System timer	(Standard system devices)	OK	Value Not Found
UMBus Enumerator	Microsoft	OK	umbus
UMBus Root Bus Enumerator	Microsoft	OK	umbus

Caption	Manufacturer	Status	Service
USB Mass Storage Device	Compatible USB storage device	OK	USBSTOR
USB Root Hub	(Standard USB Host Controller)	OK	usbhub
USB Root Hub (USB 3.0)	(Standard USB HUBs)	OK	USBHUB3
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume	Microsoft	OK	volume
Volume Manager	Microsoft	OK	volmgr
WAN Miniport (GRE)	Microsoft	OK	RasGre
WAN Miniport (IKEv2)	Microsoft	OK	RasAgileVpn
WAN Miniport (IP)	Microsoft	OK	NdisWan
WAN Miniport (IPv6)	Microsoft	OK	NdisWan
WAN Miniport (L2TP)	Microsoft	OK	Rasl2tp
WAN Miniport (Network Monitor)	Microsoft	OK	NdisWan
WAN Miniport (PPPOE)	Microsoft	OK	RasPppoe
WAN Miniport (PPTP)	Microsoft	OK	PptpMiniport
WAN Miniport (SSTP)	Microsoft	OK	RasSstp
Value Not Found	Value Not Found	OK	Value Not Found

Stop: 06/11/2022 7:54:19 AM.

Back to Summary
Back to Top

List Running Processes

Description: List the running processes on each node.
Start: 06/11/2022 7:54:19 AM.

HP-SRV1.csaplho.pk

Gathering Running Processes for HP-SRV1.csaplho.pk

Name	Path	Start Name	Process Id	WorkingSet Size
ams.exe	C:\Program Files\OEM\AMS\service\ams.exe	NT AUTHORITY\SYSTEM	4656	26828800
avp.exe	Value Not Found	NT AUTHORITY\SYSTEM	20916	104607744
avpsus.exe	C:\Program Files (x86)\Kaspersky Lab\Kaspersky Endpoint Security for Windows\avpsus.exe	NT AUTHORITY\SYSTEM	3292	10137600
avpui.exe	C:\Program Files (x86)\Kaspersky Lab\Kaspersky Endpoint Security for Windows\avpui.exe	CSAPLHO\seema.kanwal	26788	4337664
clussvc.exe	C:\Windows\Cluster\clussvc.exe	NT AUTHORITY\SYSTEM	6816	56238080
CPrepSrv.exe	C:\Windows\System32\CprepSrv.exe	NT AUTHORITY\SYSTEM	27984	13201408
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	11232	14237696
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	1612	3411968
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	1692	2588672
ctfmon.exe	C:\Windows\system32\ctfmon.exe	CSAPLHO\seema.kanwal	18980	15765504

Name	Path	Start Name	Process Id	WorkingSet Size
dllhost.exe	C:\Windows\system32\DllHost.exe	CSAPLHO\seema.kanwal	37764	13041664
dllhost.exe	C:\Windows\system32\DllHost.exe	NT AUTHORITY\SYSTEM	32220	6443008
dwm.exe	C:\Windows\system32\dwm.exe	Window Manager\DWM-1	2116	24010752
dwm.exe	C:\Windows\system32\dwm.exe	Window Manager\DWM-8	26800	90816512
explorer.exe	C:\Windows\Explorer.EXE	CSAPLHO\seema.kanwal	20792	132849664
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-1	2032	2719744
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-8	12148	5447680
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-0	2040	2883584
hpepqiesrv.exe	C:\Program Files\HPE\HpePqiESrv\hpepqiesrv.exe	NT AUTHORITY\SYSTEM	4620	4534272
klnagent.exe	C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\klnagent.exe	NT AUTHORITY\SYSTEM	26444	69718016
LogonUI.exe	C:\Windows\system32\LogonUI.exe	NT AUTHORITY\SYSTEM	20732	31068160
LogonUI.exe	C:\Windows\system32\LogonUI.exe	NT AUTHORITY\SYSTEM	2088	24453120
LsaIso.exe	Value Not Found	NT AUTHORITY\SYSTEM	1844	15921152
lsass.exe	Value Not Found	NT AUTHORITY\SYSTEM	1864	305160192
mmc.exe	C:\Windows\system32\mmc.exe	CSAPLHO\seema.kanwal	34320	25321472
msdtc.exe	C:\Windows\System32\msdtc.exe	NT AUTHORITY\NETWORK SERVICE	1760	5595136
msiexec.exe	C:\Windows\system32\msiexec.exe	NT AUTHORITY\SYSTEM	22392	14802944
qlsrvc.exe	C:\Windows\System32\qlsrvc.exe	NT AUTHORITY\SYSTEM	4748	1839104
rdpclip.exe	C:\Windows\System32\rdpclip.exe	CSAPLHO\seema.kanwal	35728	12627968
Registry	Value Not Found	NT AUTHORITY\SYSTEM	328	30572544
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	8720	10203136
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	8256	27987968
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	8264	16601088
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	9172	20795392
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\seema.kanwal	31132	14229504

Name	Path	Start Name	Process Id	WorkingSet Size
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\seema.kanwal	21016	20713472
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\seema.kanwal	19052	8151040
SearchUI.exe	C:\Windows\SystemApps\Microsoft.Windows.Cortana_cw5n1h2txyewy\SearchUI.exe	CSAPLHO\seema.kanwal	37188	79978496
Secure System	Value Not Found	NT AUTHORITY\SYSTEM	204	285229056
ServerManager.exe	C:\Windows\system32\ServerManager.exe	CSAPLHO\seema.kanwal	38576	69709824
services.exe	Value Not Found	NT AUTHORITY\SYSTEM	1836	30593024
ShellExperienceHost.exe	C:\Windows\SystemApps\ShellExperienceHost_cw5n1h2txyewy\ShellExperienceHost.exe	CSAPLHO\seema.kanwal	15056	46170112
sihost.exe	C:\Windows\system32\sihost.exe	CSAPLHO\seema.kanwal	27876	25767936
smartscreen.exe	C:\Windows\System32\smartscreen.exe	CSAPLHO\seema.kanwal	21256	16949248
smss.exe	Value Not Found	NT AUTHORITY\SYSTEM	1284	1236992
spoolsv.exe	C:\Windows\System32\spoolsv.exe	NT AUTHORITY\SYSTEM	4264	36556800
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2160	9740288
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	8700	37556224
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	19372	23654400
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	8160	4907008
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3692	11259904
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\seema.kanwal	31916	15224832
svchost.exe	Value Not Found	NT AUTHORITY\SYSTEM	32288	6127616
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\seema.kanwal	8324	26177536
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	10488	4997120
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	12528	15114240
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	9340	8265728
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	14076	9383936
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	12776	4362240
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	25764	6877184

Name	Path	Start Name	Process Id	WorkingSet Size
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	21020	15306752
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	18212	172146688
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4296	20840448
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4356	14180352
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2224	20869120
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2840	127574016
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	11956	9814016
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	10500	20897792
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	9184	5259264
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	10392	9216000
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2724	25255936
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2776	17346560
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	2696	10731520
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2516	63094784
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2616	3833856
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2812	10772480
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3004	11272192
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2476	5410816
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2968	13295616
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	2820	4345856
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2828	12357632
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	1832	54792192
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	2228	82288640
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	1552	45543424
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	1984	3420160

Name	Path	Start Name	Process Id	WorkingSet Size
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2008	42852352
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2296	7041024
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	2424	28504064
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2432	9842688
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2400	11526144
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2304	16228352
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	2312	7733248
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2772	23236608
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4440	5459968
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	4448	9043968
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4432	3801088
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4004	7512064
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	4424	18046976
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4456	7823360
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4976	6852608
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	21948	15065088
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4872	11788288
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	4464	4517888
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	4472	84541440
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	3264	5902336
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	3272	6287360
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3248	5697536
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	3092	6975488
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3172	14708736
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3344	414568448

Name	Path	Start Name	Process Id	WorkingSet Size
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3728	10481664
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3968	18083840
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3608	9023488
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	3484	7778304
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3548	12185600
System	Value Not Found	Value Not Found	4	102400
System Idle Process	Value Not Found	Value Not Found	0	8192
taskhostw.exe	C:\Windows\system32\taskhostw.exe	CSAPLHO\seema.kanwal	11136	15642624
taskhostw.exe	C:\Windows\system32\taskhostw.exe	NT AUTHORITY\SYSTEM	23964	34832384
unsecapp.exe	C:\Windows\system32\wbem\unsecapp.exe	NT AUTHORITY\SYSTEM	7060	7307264
vapm.exe	C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\vapm.exe	NT AUTHORITY\SYSTEM	13376	20873216
vmcompute.exe	C:\Windows\system32\vmcompute.exe	NT AUTHORITY\SYSTEM	7532	19296256
vmms.exe	C:\Windows\system32\vmms.exe	NT AUTHORITY\SYSTEM	4612	4245405696
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\7AC22896-F148-4EF4-A16E-506453A9C7E3	33020	231518208
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\D7B4872F-F73D-438D-B00A-2BE32E3DFCDD	22072	25460736
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\DDE56979-9E2D-422C-A03A-15AB84CDFF19	29264	20373504
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\A976382F-710E-4B1E-B377-ADD2D4ACBA3D	34028	18145280
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\5D08FB6F-98AD-46D1-9160-ACE26169E997	38748	21651456
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\7ACD43D3-C03C-4EA9-A649-66A10964778B	6800	104263680
wermgr.exe	C:\Windows\system32\wermgr.exe	NT AUTHORITY\SYSTEM	34096	16445440
wininit.exe	Value Not Found	NT AUTHORITY\SYSTEM	1716	4804608
winlogon.exe	C:\Windows\system32\winlogon.exe	NT AUTHORITY\SYSTEM	1764	5099520
winlogon.exe	C:\Windows\system32\winlogon.exe	NT AUTHORITY\SYSTEM	32060	12673024

Name	Path	Start Name	Process Id	WorkingSet Size
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\SYSTEM	30084	14077952
WmiPrvSE.exe	C:\Windows\sysWOW64\wbem\wmiprvse.exe	NT AUTHORITY\NETWORK SERVICE	32904	3780608
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\SYSTEM	33156	21028864
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\NETWORK SERVICE	7216	121704448
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\SYSTEM	24432	10858496
WUDFHost.exe	C:\Windows\System32\WUDFHost.exe	NT AUTHORITY\LOCAL SERVICE	15992	6459392

HP-SRV2.csaplho.pk

Gathering Running Processes for HP-SRV2.csaplho.pk

Name	Path	Start Name	Process Id	WorkingSe Size
ams.exe	C:\Program Files\OEM\AMS\service\ams.exe	NT AUTHORITY\SYSTEM	4512	26869760
ApplicationFrameHost.exe	C:\Windows\system32\ApplicationFrameHost.exe	CSAPLHO\seema.kanwal	11424	22360064
avpsus.exe	C:\Program Files (x86)\Kaspersky Lab\Kaspersky Endpoint Security for Windows\avpsus.exe	NT AUTHORITY\SYSTEM	9492	7610368
clussvc.exe	C:\Windows\Cluster\clussvc.exe	NT AUTHORITY\SYSTEM	6736	121769984
cmd.exe	C:\Windows\system32\cmd.exe	CSAPLHO\seema.kanwal	27832	3719168
conhost.exe	C:\Windows\system32\conhost.exe	CSAPLHO\seema.kanwal	30036	11870208
conhost.exe	C:\Windows\system32\conhost.exe	CSAPLHO\osama.mansoor	8556	20852736
conhost.exe	C:\Windows\system32\conhost.exe	CSAPLHO\seema.kanwal	13472	12984320
CPrepSrv.exe	C:\Windows\System32\CprepSrv.exe	NT AUTHORITY\SYSTEM	15036	13049856
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	16032	5873664
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	1604	4206592
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	30596	5599232
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	8244	14409728
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	1692	2580480
ctfmon.exe	C:\Windows\system32\ctfmon.exe	CSAPLHO\osama.mansoor	7464	15765504
ctfmon.exe	C:\Windows\system32\ctfmon.exe	CSAPLHO\nafees.alwani	16244	8392704

Name	Path	Start Name	Process Id	WorkingSe Size
ctfmon.exe	C:\Windows\system32\ctfmon.exe	CSAPLHO\seema.kanwal	13652	13025280
dllhost.exe	C:\Windows\system32\DllHost.exe	CSAPLHO\nafees.alwani	7800	7766016
dllhost.exe	C:\Windows\system32\DllHost.exe	CSAPLHO\seema.kanwal	18352	11390976
dwm.exe	C:\Windows\system32\dwm.exe	Window Manager\DWM-10	9904	152150016
dwm.exe	C:\Windows\system32\dwm.exe	Window Manager\DWM-7	27064	44621824
dwm.exe	C:\Windows\system32\dwm.exe	Window Manager\DWM-11	20692	100380672
dwm.exe	C:\Windows\system32\dwm.exe	Window Manager\DWM-1	2128	22261760
explorer.exe	C:\Windows\Explorer.EXE	CSAPLHO\seema.kanwal	27268	146292736
explorer.exe	C:\Windows\Explorer.EXE	CSAPLHO\osama.mansoor	29156	122257408
explorer.exe	C:\Windows\Explorer.EXE	CSAPLHO\nafees.alwani	25024	87678976
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-7	29708	3547136
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-11	25984	5648384
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-1	2040	2744320
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-10	25220	5632000
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-0	2032	2949120
hpepqiesrv.exe	C:\Program Files\HPE\HpePqiESrv\hpepqiesrv.exe	NT AUTHORITY\SYSTEM	4500	4698112
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\seema.kanwal	15000	13926400
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\osama.mansoor	14920	19578880
iexplore.exe	C:\Program Files\internet explorer\iexplore.exe	CSAPLHO\seema.kanwal	25380	49991680
iexplore.exe	C:\Program Files\Internet Explorer\iexplore.exe	CSAPLHO\seema.kanwal	22928	30908416
iexplore.exe	C:\Program Files\Internet Explorer\iexplore.exe	CSAPLHO\osama.mansoor	17212	29761536
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\seema.kanwal	20528	92626944
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\seema.kanwal	31696	79998976
iexplore.exe	C:\Program Files\Internet Explorer\iexplore.exe	CSAPLHO\osama.mansoor	30168	37036032

Name	Path	Start Name	Process Id	WorkingSe Size
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\osama.mansoor	20460	19632128
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\seema.kanwal	26908	14213120
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\seema.kanwal	24040	14172160
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\osama.mansoor	19612	115003392
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\seema.kanwal	31764	64237568
klnagent.exe	C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\klnagent.exe	NT AUTHORITY\SYSTEM	3168	58830848
LogonUI.exe	C:\Windows\system32\LogonUI.exe	NT AUTHORITY\SYSTEM	29092	13430784
LogonUI.exe	C:\Windows\system32\LogonUI.exe	NT AUTHORITY\SYSTEM	14756	56266752
LogonUI.exe	C:\Windows\system32\LogonUI.exe	NT AUTHORITY\SYSTEM	19624	54530048
LogonUI.exe	C:\Windows\system32\LogonUI.exe	NT AUTHORITY\SYSTEM	2104	26112000
LsaIso.exe	Value Not Found	NT AUTHORITY\SYSTEM	1848	15622144
lsass.exe	C:\Windows\system32\lsass.exe	NT AUTHORITY\SYSTEM	1856	330395648
mmc.exe	C:\Windows\system32\mmc.exe	CSAPLHO\osama.mansoor	21744	160612352
mmc.exe	C:\Windows\system32\mmc.exe	CSAPLHO\seema.kanwal	22252	118788096
msdtc.exe	C:\Windows\System32\msdtc.exe	NT AUTHORITY\NETWORK SERVICE	8408	5914624
msiexec.exe	C:\Windows\system32\msiexec.exe	NT AUTHORITY\SYSTEM	29524	20836352
powershell.exe	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	CSAPLHO\seema.kanwal	11244	68034560
powershell.exe	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	CSAPLHO\osama.mansoor	18520	115003392
qlsrvc.exe	C:\Windows\System32\qlsrvc.exe	NT AUTHORITY\SYSTEM	4452	2101248
rdpclip.exe	C:\Windows\System32\rdpclip.exe	CSAPLHO\seema.kanwal	29132	11448320
rdpclip.exe	C:\Windows\System32\rdpclip.exe	CSAPLHO\osama.mansoor	28592	12587008
rdpclip.exe	C:\Windows\System32\rdpclip.exe	CSAPLHO\nafees.alwani	28128	7667712
Registry	Value Not Found	NT AUTHORITY\SYSTEM	328	63721472
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	8884	13787136
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	9028	9138176

Name	Path	Start Name	Process Id	WorkingSe Size
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	8892	25604096
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	8320	9265152
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\osama.mansoor	28184	21098496
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\nafees.alwani	28504	22360064
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\seema.kanwal	21088	35217408
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\nafees.alwani	3052	13864960
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\osama.mansoor	15776	19009536
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\seema.kanwal	27964	15753216
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\nafees.alwani	20636	8560640
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\seema.kanwal	23984	11427840
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\osama.mansoor	5112	25030656
SearchUI.exe	C:\Windows\SystemApps\Microsoft.Windows.Cortana_cw5n1h2txyewy\SearchUI.exe	CSAPLHO\nafees.alwani	2220	17403904
SearchUI.exe	C:\Windows\SystemApps\Microsoft.Windows.Cortana_cw5n1h2txyewy\SearchUI.exe	CSAPLHO\seema.kanwal	11296	67031040
SearchUI.exe	C:\Windows\SystemApps\Microsoft.Windows.Cortana_cw5n1h2txyewy\SearchUI.exe	CSAPLHO\osama.mansoor	7892	49008640
Secure System	Value Not Found	NT AUTHORITY\SYSTEM	204	285229056
ServerManager.exe	C:\Windows\system32\ServerManager.exe	CSAPLHO\osama.mansoor	26264	139026432
ServerManager.exe	C:\Windows\system32\ServerManager.exe	CSAPLHO\nafees.alwani	2576	77164544
services.exe	Value Not Found	NT AUTHORITY\SYSTEM	1828	32284672
ShellExperienceHost.exe	C:\Windows\SystemApps\ShellExperienceHost_cw5n1h2txyewy\ShellExperienceHost.exe	CSAPLHO\seema.kanwal	31032	35196928
ShellExperienceHost.exe	C:\Windows\SystemApps\ShellExperienceHost_cw5n1h2txyewy\ShellExperienceHost.exe	CSAPLHO\nafees.alwani	24656	39043072
ShellExperienceHost.exe	C:\Windows\SystemApps\ShellExperienceHost_cw5n1h2txyewy\ShellExperienceHost.exe	CSAPLHO\osama.mansoor	30988	80166912
sihost.exe	C:\Windows\system32\sihost.exe	CSAPLHO\osama.mansoor	11240	26103808
sihost.exe	C:\Windows\system32\sihost.exe	CSAPLHO\seema.kanwal	24480	25559040
sihost.exe	C:\Windows\system32\sihost.exe	CSAPLHO\nafees.alwani	16372	18219008
smss.exe	Value Not Found	NT AUTHORITY\SYSTEM	892	1253376

Name	Path	Start Name	Process Id	WorkingSe Size
splwow64.exe	C:\Windows\splwow64.exe	CSAPLHO\osama.mansoor	24640	14819328
spoolsv.exe	C:\Windows\System32\spoolsv.exe	NT AUTHORITY\SYSTEM	4136	34713600
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	32240	12173312
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\osama.mansoor	10324	15237120
svchost.exe	C:\Windows\System32\svchost.exe	CSAPLHO\seema.kanwal	26100	13996032
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	17656	14909440
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	22192	26705920
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\seema.kanwal	31008	12144640
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\seema.kanwal	32068	21942272
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\osama.mansoor	24508	30326784
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2536	29110272
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3024	9445376
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3144	14127104
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2500	7053312
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	2848	4345856
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2840	11603968
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	3000	13619200
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2856	9699328
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	3464	5918720
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3456	337932288
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3800	20213760
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	3760	7966720
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	3244	6492160
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	3200	5599232
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3448	5816320

Name	Path	Start Name	Process Id	WorkingSe Size
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3368	12374016
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2788	28622848
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	2188	141656064
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2004	59752448
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2280	6963200
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2272	15265792
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	1984	3452928
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	32460	14872576
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	1696	48132096
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2008	42156032
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2620	4055040
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2612	55455744
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	2764	10756096
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2692	19595264
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	2296	7925760
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2288	9748480
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2416	11153408
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	2388	28131328
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	10816	8196096
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4860	5259264
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	2736	8712192
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	11704	8413184
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	10156	116457472
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	8128	22052864
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	9188	14893056

Name	Path	Start Name	Process Id	WorkingSe Size
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	7104	20643840
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	22220	4710400
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	15832	15867904
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\nafees.alwani	26416	18432000
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\nafees.alwani	17664	9850880
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	8060	14671872
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4272	18489344
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	16240	6447104
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	10104	4673536
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	9580	44363776
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4308	3911680
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4292	5398528
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	4324	9224192
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	4316	4567040
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3912	7630848
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3808	10616832
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4284	286691328
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3964	8400896
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	8360	12652544
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\osama.mansoor	23492	7385088
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	8900	9940992
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	9796	4784128
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	4340	84443136
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4332	8060928
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	5456	7122944

Name	Path	Start Name	Process Id	WorkingSe Size
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4820	10825728
System	Value Not Found	Value Not Found	4	102400
System Idle Process	Value Not Found	Value Not Found	0	8192
taskhostw.exe	C:\Windows\system32\taskhostw.exe	CSAPLHO\seema.kanwal	20328	13103104
taskhostw.exe	C:\Windows\system32\taskhostw.exe	CSAPLHO\seema.kanwal	32764	15626240
taskhostw.exe	C:\Windows\system32\taskhostw.exe	CSAPLHO\osama.mansoor	30816	15171584
taskhostw.exe	C:\Windows\system32\taskhostw.exe	CSAPLHO\nafees.alwani	21548	10215424
unsecapp.exe	C:\Windows\system32\wbem\unsecapp.exe	NT AUTHORITY\SYSTEM	7076	8802304
vapm.exe	C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\vapm.exe	NT AUTHORITY\SYSTEM	26296	23330816
vmcompute.exe	C:\Windows\system32\vmcompute.exe	NT AUTHORITY\SYSTEM	7504	17547264
vmconnect.exe	C:\Windows\system32\VmConnect.exe	CSAPLHO\seema.kanwal	20252	426692608
vmms.exe	C:\Windows\system32\vmms.exe	NT AUTHORITY\SYSTEM	31576	241410048
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\5A02EEF7-1284-491F-BDF0-FC0173C8DDA4	12048	111591424
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\523B063A-F7D1-45EC-BEB0-20437EF48EBE	524	23560192
wermgr.exe	C:\Windows\system32\wermgr.exe	NT AUTHORITY\SYSTEM	22824	12935168
wininit.exe	Value Not Found	NT AUTHORITY\SYSTEM	1684	4784128
winlogon.exe	C:\Windows\system32\winlogon.exe	NT AUTHORITY\SYSTEM	25572	6516736
winlogon.exe	C:\Windows\system32\winlogon.exe	NT AUTHORITY\SYSTEM	26560	8044544
winlogon.exe	C:\Windows\system32\winlogon.exe	NT AUTHORITY\SYSTEM	1752	5038080
winlogon.exe	C:\Windows\system32\winlogon.exe	NT AUTHORITY\SYSTEM	27032	13922304
wlrmdr.exe	C:\Windows\system32\wlrmdr.exe	CSAPLHO\nafees.alwani	5472	4632576
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\SYSTEM	12016	14442496
WmiPrvSE.exe	C:\Windows\sysWOW64\wbem\wmiprvse.exe	NT AUTHORITY\NETWORK SERVICE	31012	6565888
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\SYSTEM	23524	20668416
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe		7244	85573632

Name	Path	Start Name	Process Id	WorkingSet Size
		NT AUTHORITY\NETWORK SERVICE		
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\SYSTEM	26220	10436608
WUDFHost.exe	C:\Windows\System32\WUDFHost.exe	NT AUTHORITY\LOCAL SERVICE	6104	6647808

HP-SRV3.csaplho.pk

Gathering Running Processes for HP-SRV3.csaplho.pk

Name	Path	Start Name	Process Id	WorkingSet Size
ams.exe	C:\Program Files\OEM\AMS\service\ams.exe	NT AUTHORITY\SYSTEM	4860	25374720
clussvc.exe	C:\Windows\Cluster\clussvc.exe	NT AUTHORITY\SYSTEM	5988	40325120
CPrepSrv.exe	C:\Windows\System32\CprepSrv.exe	NT AUTHORITY\SYSTEM	13232	12742656
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	1644	5115904
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	1736	4390912
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	12840	9715712
csrss.exe	Value Not Found	NT AUTHORITY\SYSTEM	8732	8704000
ctfmon.exe	C:\Windows\system32\ctfmon.exe	CSAPLHO\osama.mansoor	14028	15265792
ctfmon.exe	C:\Windows\system32\ctfmon.exe	CSAPLHO\seema.kanwal	10560	15933440
dllhost.exe	C:\Windows\system32\DllHost.exe	CSAPLHO\seema.kanwal	7672	12955648
dwm.exe	C:\Windows\system32\dwm.exe	Window Manager\DWM-1	2160	33697792
dwm.exe	C:\Windows\system32\dwm.exe	Window Manager\DWM-4	3680	56205312
dwm.exe	C:\Windows\system32\dwm.exe	Window Manager\DWM-2	3132	78528512
ebloader.exe	C:\Program Files (x86)\Kaspersky Lab\Kaspersky Security for Windows Server\x64 \ebloader.exe	NT AUTHORITY\SYSTEM	4312	6901760
explorer.exe	C:\Windows\Explorer.EXE	CSAPLHO\seema.kanwal	10792	98701312
explorer.exe	C:\Windows\Explorer.EXE	CSAPLHO\osama.mansoor	4924	84316160
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-4	12596	5095424
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-2	9544	5267456
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-1	1592	3788800

Name	Path	Start Name	Process Id	WorkingSet Size
fontdrvhost.exe	C:\Windows\system32\fontdrvhost.exe	Font Driver Host\UMFD-0	220	3969024
hpepqiesrv.exe	C:\Program Files\HPE\HpePqiESrv\hpepqiesrv.exe	NT AUTHORITY\SYSTEM	3964	7524352
ielowutil.exe	C:\Program Files (x86)\Internet Explorer\ielowutil.exe	CSAPLHO\seema.kanwal	9020	7806976
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\seema.kanwal	12992	19226624
iexplore.exe	C:\Program Files\Internet Explorer\iexplore.exe	CSAPLHO\seema.kanwal	10776	27025408
iexplore.exe	C:\Program Files\internet explorer\iexplore.exe	CSAPLHO\seema.kanwal	11752	44908544
iexplore.exe	C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	CSAPLHO\seema.kanwal	7376	81461248
kavfsscs.exe	C:\Program Files (x86)\Kaspersky Lab\Kaspersky Security for Windows Server\kavfsscs.exe	NT AUTHORITY\SYSTEM	5096	7774208
kavfswh.exe	C:\Program Files (x86)\Kaspersky Lab\Kaspersky Security for Windows Server\kavfswh.exe	NT AUTHORITY\SYSTEM	2556	12935168
kavtray.exe	C:\Program Files (x86)\Kaspersky Lab\Kaspersky Security for Windows Server\kavtray.exe	CSAPLHO\osama.mansoor	3092	9424896
klnagent.exe	C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\klnagent.exe	NT AUTHORITY\SYSTEM	10032	28938240
LogonUI.exe	C:\Windows\system32\LogonUI.exe	NT AUTHORITY\SYSTEM	12996	55980032
LogonUI.exe	C:\Windows\system32\LogonUI.exe	NT AUTHORITY\SYSTEM	2136	42635264
LsaIso.exe	Value Not Found	NT AUTHORITY\SYSTEM	1892	3436544
lsass.exe	C:\Windows\system32\lsass.exe	NT AUTHORITY\SYSTEM	1900	59748352
mmc.exe	C:\Windows\system32\mmc.exe	CSAPLHO\seema.kanwal	9104	163426304
mmc.exe	C:\Windows\system32\mmc.exe	CSAPLHO\seema.kanwal	3008	55980032
mmc.exe	C:\Windows\system32\mmc.exe	CSAPLHO\osama.mansoor	6672	60895232
msdtc.exe	C:\Windows\System32\msdtc.exe	NT AUTHORITY\NETWORK SERVICE	2148	10563584
qlsrvc.exe	C:\Windows\System32\qlsrvc.exe	NT AUTHORITY\SYSTEM	4360	5013504
rdpclip.exe	C:\Windows\System32\rdpclip.exe	CSAPLHO\osama.mansoor	13108	12242944
rdpclip.exe	C:\Windows\System32\rdpclip.exe	CSAPLHO\seema.kanwal	8784	13250560
Registry	Value Not Found	NT AUTHORITY\SYSTEM	328	92225536
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	8936	25120768

Name	Path	Start Name	Process Id	WorkingSet Size
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	6696	12247040
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	8944	14520320
rhs.exe	C:\Windows\Cluster\rhs.exe	NT AUTHORITY\SYSTEM	9116	11243520
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\seema.kanwal	11068	23072768
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\osama.mansoor	11856	15810560
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\seema.kanwal	11576	13496320
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\osama.mansoor	12876	7467008
RuntimeBroker.exe	C:\Windows\System32\RuntimeBroker.exe	CSAPLHO\seema.kanwal	10264	17199104
SearchUI.exe	C:\Windows\SystemApps\Microsoft.Windows.Cortana_cw5n1h2txyewy\SearchUI.exe	CSAPLHO\osama.mansoor	12704	52232192
SearchUI.exe	C:\Windows\SystemApps\Microsoft.Windows.Cortana_cw5n1h2txyewy\SearchUI.exe	CSAPLHO\seema.kanwal	4944	155648000
Secure System	Value Not Found	NT AUTHORITY\SYSTEM	204	285229056
ServerManager.exe	C:\Windows\system32\ServerManager.exe	CSAPLHO\osama.mansoor	12920	133820416
services.exe	Value Not Found	NT AUTHORITY\SYSTEM	1872	22724608
ShellExperienceHost.exe	C:\Windows\SystemApps\ShellExperienceHost_cw5n1h2txyewy\ShellExperienceHost.exe	CSAPLHO\seema.kanwal	11092	65118208
ShellExperienceHost.exe	C:\Windows\SystemApps\ShellExperienceHost_cw5n1h2txyewy\ShellExperienceHost.exe	CSAPLHO\osama.mansoor	10336	57294848
sihost.exe	C:\Windows\system32\sihost.exe	CSAPLHO\osama.mansoor	12532	25714688
sihost.exe	C:\Windows\system32\sihost.exe	CSAPLHO\seema.kanwal	7508	26849280
smss.exe	Value Not Found	NT AUTHORITY\SYSTEM	928	1294336
spoolsv.exe	C:\Windows\System32\spoolsv.exe	NT AUTHORITY\SYSTEM	4816	26775552
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2332	11853824
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\osama.mansoor	13748	26583040
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\seema.kanwal	3316	26542080
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\seema.kanwal	9824	15433728
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4912	14204928
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2568	8581120

Name	Path	Start Name	Process Id	WorkingSet Size
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3288	23564288
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	2488	13619200
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2348	7041024
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2356	12173312
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3860	9560064
svchost.exe	C:\Windows\system32\svchost.exe	CSAPLHO\osama.mansoor	12376	15839232
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2068	13340672
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	1960	21180416
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	11744	10551296
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	10780	11329536
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	1568	26107904
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2028	4149248
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2340	8359936
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	2296	10555392
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2464	13656064
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	10500	7708672
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	11148	8044544
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	2252	128577536
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	10856	14852096
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	4996	56668160
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2912	18784256
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4964	5734400
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	4972	6770688
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4956	6762496
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4552	12722176

Name	Path	Start Name	Process Id	WorkingSet Size
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4948	40972288
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3356	9932800
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3236	10952704
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3592	7921664
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	4980	10674176
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	4988	13099008
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	3772	10219520
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3868	11542528
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3704	87691264
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	3640	7372800
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	3648	9125888
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	4320	11767808
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	4472	9490432
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3632	8175616
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	3924	12173312
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	4172	7700480
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2824	18448384
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2772	19238912
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2832	12906496
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2848	8327168
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	2840	5992448
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2684	30138368
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	2644	5545984
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	9740	26226688
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	9792	14778368

Name	Path	Start Name	Process Id	WorkingSet Size
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	9692	14049280
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	6012	12681216
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	13480	12234752
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3016	8830976
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\SYSTEM	3124	15933440
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2132	10256384
svchost.exe	C:\Windows\system32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	2916	6201344
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	8700	13242368
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	8028	12017664
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\LOCAL SERVICE	14196	15331328
svchost.exe	C:\Windows\System32\svchost.exe	NT AUTHORITY\NETWORK SERVICE	2964	14471168
System	Value Not Found	Value Not Found	4	163840
System Idle Process	Value Not Found	Value Not Found	0	8192
taskhostw.exe	C:\Windows\system32\taskhostw.exe	CSAPLHO\seema.kanwal	9352	14946304
taskhostw.exe	C:\Windows\system32\taskhostw.exe	CSAPLHO\osama.mansoor	13056	11304960
unsecapp.exe	C:\Windows\system32\wbem\unsecapp.exe	NT AUTHORITY\SYSTEM	6140	7184384
vapm.exe	C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\vapm.exe	NT AUTHORITY\SYSTEM	9548	29093888
vmcompute.exe	C:\Windows\system32\vmcompute.exe	NT AUTHORITY\SYSTEM	8108	14327808
vmms.exe	C:\Windows\system32\vmms.exe	NT AUTHORITY\SYSTEM	5032	86323200
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\1E4D0C90-81F6-4316-A8D6-C43FF0131AE3	3856	52719616
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\776248B9-3683-457E-A90D-4914A9A4BF1B	6712	25382912
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\11A8793B-2AC8-4799-B3A6-0F489056B9EF	2896	24150016
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\F7474C27-CF9C-4B62-8975-E0FEFD9C8D8B	9936	26214400
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\DFCBC27E-	7992	26189824

Name	Path	Start Name	Process Id	WorkingSet Size
		ACE7-4529-AD3A-E79C966F3026		
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\E1163606-4EA1-4F54-96E4-710391035FDB	4536	24088576
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\0AB46A46-C94E-4CD8-878F-DCA21E2AC5B9	11672	25739264
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\E97264D3-452E-4B4B-A89F-3A410C2385B5	8908	24182784
vmwp.exe	C:\Windows\System32\vmwp.exe	NT VIRTUAL MACHINE\4941DF47-2B1E-4E3D-9064-D405CA3C6A3E	5048	25223168
wininit.exe	Value Not Found	NT AUTHORITY\SYSTEM	1728	6815744
winlogon.exe	C:\Windows\system32\winlogon.exe	NT AUTHORITY\SYSTEM	1800	10166272
winlogon.exe	C:\Windows\system32\winlogon.exe	NT AUTHORITY\SYSTEM	5316	12713984
winlogon.exe	C:\Windows\system32\winlogon.exe	NT AUTHORITY\SYSTEM	11868	9793536
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\SYSTEM	9016	13959168
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\SYSTEM	12232	20611072
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\NETWORK SERVICE	7492	49479680
WmiPrvSE.exe	C:\Windows\system32\wbem\wmiprvse.exe	NT AUTHORITY\SYSTEM	7428	22102016
WUDFHost.exe	C:\Windows\System32\WUDFHost.exe	NT AUTHORITY\LOCAL SERVICE	2764	8470528

Stop: 06/11/2022 7:54:38 AM.

Back to Summary
Back to Top

List SAS Host Bus Adapters

Description: List Serial Attached SCSI (SAS) host bus adapters on each node.
Start: 06/11/2022 7:54:17 AM.

HP-SRV1.csaplho.pk

Gathering SAS Host Bus Adapter information for HP-SRV1.csaplho.pk
None found...

HP-SRV2.csaplho.pk

Gathering SAS Host Bus Adapter information for HP-SRV2.csaplho.pk
None found...

HP-SRV3.csaplho.pk

Gathering SAS Host Bus Adapter information for HP-SRV3.csaplho.pk
None found...

Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

List Services Information

Description: List information about the services running on each node.
Start: 06/11/2022 7:54:38 AM.

HP-SRV1.csaplho.pk

Gathering Services Information for HP-SRV1.csaplho.pk

Display Name	Name	State	Path	Type	Error Control	Start Nam
ActiveX Installer (AxInstSV)	AxInstSV	Stopped	C:\Windows\system32\svchost.exe -k AxInstSVGroup	Share Process	Normal	LocalSyste
Agentless Management Service	ams	Running	"C:\Program Files\OEM\AMS\service\ams.exe"	Own Process	Normal	LocalSyste
AllJoyn Router Service	AJRouter	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
App Readiness	AppReadiness	Stopped	C:\Windows\System32\svchost.exe -k AppReadiness -p	Share Process	Normal	LocalSyste
Application Identity	AppIDSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT Autho
Application Information	Appinfo	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Application Layer Gateway Service	ALG	Stopped	C:\Windows\System32\alg.exe	Own Process	Normal	NT AUTHOR
Application Management	AppMgmt	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
AppX Deployment Service (AppXSVC)	AppXSvc	Stopped	C:\Windows\system32\svchost.exe -k wsappx -p	Share Process	Normal	LocalSyste
Auto Time Zone Updater	tzautoupdate	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
AVCTP service	BthAvctpSvc	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Background Intelligent Transfer Service	BITS	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Background Tasks Infrastructure Service	BrokerInfrastructure	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyste
Base Filtering Engine	BFE	Running	C:\Windows\system32\svchost.exe -k LocalServiceNoNetworkFirewall -p	Share Process	Normal	NT AUTHOR
Bluetooth Audio Gateway Service	BTAGService	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted	Share Process	Normal	NT AUTHOR
Bluetooth Support Service	bthserv	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Capability Access Manager Service	camsvc	Stopped	C:\Windows\system32\svchost.exe -k appmodel -p	Share Process	Normal	LocalSyste
CaptureService_5bf7316d65	CaptureService_5bf7316d65	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Unknown	Normal	Value Not
Certificate Propagation	CertPropSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs	Share Process	Normal	LocalSyste
Client License Service (ClipSVC)	ClipSVC	Stopped	C:\Windows\System32\svchost.exe -k wsappx -p	Share Process	Normal	LocalSyste
Clipboard User Service_5bf7316d65	cbdhsvc_5bf7316d65	Stopped	C:\Windows\system32\svchost.exe -k ClipboardSvcGroup -p	Unknown	Normal	Value Not
Cluster Service	ClusSvc	Running	C:\Windows\Cluster\clussvc.exe -s	Own Process	Normal	LocalSyste
CNG Key Isolation	KeyIso	Running	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSyste
COM+ Event System	EventSystem	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
COM+ System Application	COMSysApp	Stopped	C:\Windows\system32\dllhost.exe /Processid:{02D4B3F1-FD88-11D1-960D-00805FC79235}	Own Process	Normal	LocalSyste
Connected Devices Platform Service	CDPSvc	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR

Display Name	Name	State	Path	Type	Error Control	Start Nam
Connected Devices Platform User Service_5bf7316d65	CDPUserSvc_5bf7316d65	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Normal	Value Not
Connected User Experiences and Telemetry	DiagTrack	Running	C:\Windows\System32\svchost.exe -k utcsvc -p	Own Process	Normal	LocalSyste
ConsentUX_5bf7316d65	ConsentUxUserSvc_5bf7316d65	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
Contact Data_5bf7316d65	PimIndexMaintenanceSvc_5bf7316d65	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
CoreMessaging	CoreMessagingRegistrar	Running	C:\Windows\system32\svchost.exe -k LocalServiceNoNetwork -p	Share Process	Normal	NT AUTHOR
CPrepSrv	CPrepSrv	Running	C:\Windows\System32\CprepSrv.exe	Own Process	Normal	LocalSyste
Credential Manager	VaultSvc	Stopped	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSyste
Cryptographic Services	CryptSvc	Running	C:\Windows\system32\svchost.exe -k NetworkService -p	Share Process	Normal	NT Autho
Data Sharing Service	DsSvc	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Ignore	LocalSyste
DCOM Server Process Launcher	DcomLaunch	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyste
Delivery Optimization	DoSvc	Stopped	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT Autho
Device Association Service	DeviceAssociationService	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Device Install Service	DeviceInstall	Stopped	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyste
Device Management Enrollment Service	DmEnrollmentSvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Own Process	Normal	LocalSyste
Device Management Wireless Application Protocol (WAP) Push message Routing Service	dmwappushservice	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Device Setup Manager	DsmSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
DevicePicker_5bf7316d65	DevicePickerUserSvc_5bf7316d65	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
DevicesFlow_5bf7316d65	DevicesFlowUserSvc_5bf7316d65	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
DevQuery Background Discovery Broker	DevQueryBroker	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
DHCP Client	Dhcp	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT Autho
Diagnostic Policy Service	DPS	Running	C:\Windows\System32\svchost.exe -k LocalServiceNoNetwork -p	Share Process	Normal	NT AUTHOR
Diagnostic Service Host	WdiServiceHost	Running	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Diagnostic System Host	WdiSystemHost	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Distributed Link Tracking Client	TrkWks	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Distributed Transaction Coordinator	MSDTC	Running	C:\Windows\System32\msdtc.exe	Own Process	Normal	NT AUTHOR
DNS Client	Dnscache	Running	C:\Windows\system32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Downloaded Maps Manager	MapsBroker	Stopped	C:\Windows\System32\svchost.exe -k NetworkService -p	Own Process	Normal	NT AUTHOR
Embedded Mode	embeddedmode	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Encrypting File System (EFS)	EFS	Stopped	C:\Windows\System32\lsass.exe	Share Process	Normal	LocalSyste
Enterprise App Management Service	EntAppSvc	Stopped	C:\Windows\system32\svchost.exe -k appmodel -p	Share Process	Normal	LocalSyste
Extensible Authentication Protocol	Eaphost	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSyste
FcSrv	FcSrv	Stopped	C:\Windows\System32\FcSrv.exe	Own Process	Normal	LocalSyste
Function Discovery Provider Host	fdPHost	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Function Discovery Resource Publication	FDResPub	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
Geolocation Service	lfsvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
GraphicsPerfSvc	GraphicsPerfSvc	Stopped	C:\Windows\System32\svchost.exe -k GraphicsPerfSvcGroup	Share Process	Ignore	LocalSyste
Group Policy Client	gpsvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste

Display Name	Name	State	Path	Type	Error Control	Start Nam
Host Guardian Client Service	HgClientService	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
HPE Smart Array SR Event Notification Service	HpePqiESrv	Running	"C:\Program Files\HPE\HpePqiESrv\hpepqiesrv.exe"	Own Process	Normal	LocalSyste
Human Interface Device Service	hidserv	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
HV Host Service	HvHost	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Data Exchange Service	vmickvpexchange	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Guest Service Interface	vmicguestinterface	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Guest Shutdown Service	vmicshutdown	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Heartbeat Service	vmicheartbeat	Stopped	C:\Windows\system32\svchost.exe -k ICService -p	Share Process	Normal	LocalSyste
Hyper-V Host Compute Service	vmcompute	Running	C:\Windows\system32\vmcompute.exe	Own Process	Normal	LocalSyste
Hyper-V PowerShell Direct Service	vmicvmsession	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Remote Desktop Virtualization Service	vmicrdv	Stopped	C:\Windows\system32\svchost.exe -k ICService -p	Share Process	Normal	LocalSyste
Hyper-V Time Synchronization Service	vmictimesync	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Hyper-V Virtual Machine Management	vmms	Running	C:\Windows\system32\vmms.exe	Own Process	Normal	LocalSyste
Hyper-V Volume Shadow Copy Requestor	vmicvss	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
IKE and AuthIP IPsec Keying Modules	IKEEXT	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Internet Connection Sharing (ICS)	SharedAccess	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
IP Helper	iphlpsvc	Running	C:\Windows\System32\svchost.exe -k NetSvcs -p	Share Process	Normal	LocalSyste
IPsec Policy Agent	PolicyAgent	Running	C:\Windows\system32\svchost.exe -k NetworkServiceNetworkRestricted -p	Share Process	Normal	NT Autho
Kaspersky Endpoint Security Service	AVP	Running	"C:\Program Files (x86)\Kaspersky Lab\Kaspersky Endpoint Security for Windows\avp.exe" -r	Own Process	Normal	LocalSyste
Kaspersky Seamless Update Service	avpsus	Running	"C:\Program Files (x86)\Kaspersky Lab\Kaspersky Endpoint Security for Windows\avpsus.exe"	Own Process	Normal	LocalSyste
Kaspersky Security Center Network Agent	klnagent	Running	"C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\klnagent.exe"	Own Process	Normal	LocalSyste
Kaspersky Security Network proxy server	ksnproxy	Stopped	"C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\ksnproxy.exe"	Own Process	Normal	NT SERV
KDC Proxy Server service (KPS)	KPSSVC	Stopped	C:\Windows\system32\svchost.exe -k KpsSvcGroup	Share Process	Normal	NT AUTHOR
KtmRm for Distributed Transaction Coordinator	KtmRm	Running	C:\Windows\System32\svchost.exe -k NetworkServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
Link-Layer Topology Discovery Mapper	lltdsvc	Stopped	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Local Session Manager	LSM	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyste
Microsoft (R) Diagnostics Hub Standard Collector Service	diagnosticshub.standardcollector.service	Stopped	C:\Windows\system32 \DiagSvcs\DiagnosticsHub.StandardCollector.Service.exe	Own Process	Normal	LocalSyste
Microsoft Account Sign-in Assistant	wlidsvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Microsoft App-V Client	AppVClient	Stopped	C:\Windows\system32\AppVClient.exe	Own Process	Normal	LocalSyste
Microsoft iSCSI Initiator Service	MSiSCSI	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Microsoft Passport	NgcSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Microsoft Passport Container	NgcCtnrSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Microsoft Software Shadow Copy Provider	swprv	Stopped	C:\Windows\System32\svchost.exe -k swprv	Own Process	Normal	LocalSyste
Microsoft Storage Spaces SMP	smphost	Stopped	C:\Windows\System32\svchost.exe -k smphost	Own Process	Normal	NT AUTHOR
Microsoft Store Install Service	InstallService	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Own Process	Ignore	LocalSyste
	NetTcpPortSharing	Stopped			Normal	

Display Name	Name	State	Path	Type	Error Control	Start Nam
Net.Tcp Port Sharing Service			C:\Windows\Microsoft.NET\Framework64\v4.0.30319\SMSvcHost.exe	Share Process		NT AUTHOR
Netlogon	Netlogon	Running	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSyste
Network Connection Broker	NcbService	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Network Connections	Netman	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Network Connectivity Assistant	NcaSvc	Stopped	C:\Windows\System32\svchost.exe -k NetSvcs -p	Share Process	Normal	LocalSyste
Network List Service	netprofm	Running	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Network Location Awareness	NlaSvc	Running	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Network Setup Service	NetSetupSvc	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Network Store Interface Service	nsi	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT Autho
Offline Files	CscService	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
OpenSSH Authentication Agent	ssh-agent	Stopped	C:\Windows\System32\OpenSSH\ssh-agent.exe	Own Process	Normal	LocalSyste
Optimize drives	defragsvc	Stopped	C:\Windows\system32\svchost.exe -k defragsvc	Own Process	Normal	localSyste
Payments and NFC/SE Manager	SEMgrSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Own Process	Ignore	NT AUTHOR
Performance Counter DLL Host	PerfHost	Stopped	C:\Windows\SysWow64\perfhost.exe	Own Process	Normal	NT AUTHOR
Performance Logs & Alerts	pla	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNoNetwork -p	Share Process	Normal	NT AUTHOR
Phone Service	PhoneSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT Autho
Plug and Play	PlugPlay	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyste
Portable Device Enumerator Service	WPDBusEnum	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted	Share Process	Normal	LocalSyste
Power	Power	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyste
Print Spooler	Spooler	Running	C:\Windows\System32\spoolsv.exe	Own Process	Normal	LocalSyste
Printer Extensions and Notifications	PrintNotify	Stopped	C:\Windows\system32\svchost.exe -k print	Share Process	Normal	LocalSyste
PrintWorkflow_5bf7316d65	PrintWorkflowUserSvc_5bf7316d65	Stopped	C:\Windows\system32\svchost.exe -k PrintWorkflow	Unknown	Normal	Value Not
Problem Reports and Solutions Control Panel Support	wercplsupport	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSyste
Program Compatibility Assistant Service	PcaSvc	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
QLogic Fibre Channel Service	qlsrvc	Running	C:\Windows\System32\qlsrvc.exe	Own Process	Normal	LocalSyste
Quality Windows Audio Video Experience	QWAVE	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
Radio Management Service	RmSvc	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted	Share Process	Normal	NT AUTHOR
Remote Access Auto Connection Manager	RasAuto	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSyste
Remote Access Connection Manager	RasMan	Running	C:\Windows\System32\svchost.exe -k netsvcs	Share Process	Normal	localSyste
Remote Desktop Configuration	SessionEnv	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSyste
Remote Desktop Services	TermService	Running	C:\Windows\System32\svchost.exe -k termsvcs	Share Process	Normal	NT Autho
Remote Desktop Services UserMode Port Redirector	UmRdpService	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	localSyste
Remote Procedure Call (RPC)	RpcSs	Running	C:\Windows\system32\svchost.exe -k rpcss -p	Share Process	Normal	NT AUTHOR
Remote Procedure Call (RPC) Locator	RpcLocator	Stopped	C:\Windows\system32\locator.exe	Own Process	Normal	NT AUTHOR
Remote Registry	RemoteRegistry	Running	C:\Windows\system32\svchost.exe -k localService -p	Share Process	Normal	NT AUTHOR
Resultant Set of Policy Provider	RSoPProv	Stopped	C:\Windows\system32\RSoPProv.exe	Share Process	Normal	LocalSyste

Display Name	Name	State	Path	Type	Error Control	Start Nam
Routing and Remote Access	RemoteAccess	Stopped	C:\Windows\System32\svchost.exe -k netsvcs	Share Process	Normal	localSyste
RPC Endpoint Mapper	RpcEptMapper	Running	C:\Windows\system32\svchost.exe -k RPCSS -p	Share Process	Normal	NT AUTHOR
Secondary Logon	seclogon	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Secure Socket Tunneling Protocol Service	SstpSvc	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT Autho
Security Accounts Manager	SamSs	Running	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSyste
Sensor Data Service	SensorDataService	Stopped	C:\Windows\System32\SensorDataService.exe	Own Process	Normal	LocalSyste
Sensor Monitoring Service	SensrSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
Sensor Service	SensorService	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Server	LanmanServer	Running	C:\Windows\System32\svchost.exe -k smbsvcs	Share Process	Normal	LocalSyste
Shared PC Account Manager	shpamsvc	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Shell Hardware Detection	ShellHWDetection	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Ignore	LocalSyste
Smart Card	SCardSvr	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation	Share Process	Normal	NT AUTHOR
Smart Card Device Enumeration Service	ScDeviceEnum	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted	Share Process	Normal	LocalSyste
Smart Card Removal Policy	SCPolicySvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs	Share Process	Normal	LocalSyste
SMB Witness	SmbWitness	Stopped	C:\Windows\System32\svchost.exe -k SmbWitness	Own Process	Normal	LocalSyste
SNMP Trap	SNMPTRAP	Stopped	C:\Windows\System32\snmptrap.exe	Own Process	Normal	NT AUTHOR
Software Protection	sppsvc	Stopped	C:\Windows\system32\sppsvc.exe	Own Process	Normal	NT AUTHOR
Special Administration Console Helper	sacsvr	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Spot Verifier	svsvc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
SSDP Discovery	SSDPSRV	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
State Repository Service	StateRepository	Running	C:\Windows\system32\svchost.exe -k appmodel -p	Share Process	Normal	LocalSyste
Still Image Acquisition Events	WiaRpc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Storage Service	StorSvc	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Storage Tiers Management	TieringEngineService	Stopped	C:\Windows\system32\TieringEngineService.exe	Own Process	Normal	localSyste
SysMain	SysMain	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Ignore	LocalSyste
System Event Notification Service	SENS	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
System Events Broker	SystemEventsBroker	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyste
System Guard Runtime Monitor Broker	SgrmBroker	Stopped	C:\Windows\system32\SgrmBroker.exe	Own Process	Normal	LocalSyste
System Management Assistant Service	sma	Stopped	"C:\Program Files\OEM\AMS\service\sma.exe"	Own Process	Normal	LocalSyste
Target Manager	TargetMgr	Stopped	C:\Windows\Cluster\TargetMgr.exe -s	Own Process	Normal	LocalSyste
Task Scheduler	Schedule	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
TCP/IP NetBIOS Helper	lmhosts	Running	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Telephony	tapisrv	Stopped	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Themes	Themes	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Time Broker	TimeBrokerSvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Touch Keyboard and Handwriting Panel Service	TabletInputService	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste

Display Name	Name	State	Path	Type	Error Control	Start Nam
Update Orchestrator Service	UsoSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
UPnP Device Host	upnphost	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
User Access Logging Service	UALSVC	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
User Data Access_5bf7316d65	UserDataSvc_5bf7316d65	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
User Data Storage_5bf7316d65	UnistoreSvc_5bf7316d65	Stopped	C:\Windows\System32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
User Experience Virtualization Service	UevAgentService	Stopped	C:\Windows\system32\AgentService.exe	Own Process	Normal	LocalSyste
User Manager	UserManager	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
User Profile Service	ProfSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Virtual Disk	vds	Stopped	C:\Windows\System32\vds.exe	Own Process	Normal	LocalSyste
Volume Shadow Copy	VSS	Stopped	C:\Windows\system32\vssvc.exe	Own Process	Normal	LocalSyste
WalletService	WalletService	Stopped	C:\Windows\System32\svchost.exe -k appmodel -p	Share Process	Ignore	LocalSyste
WarpJITSvc	WarpJITSvc	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted	Own Process	Ignore	NT Autho
Web Account Manager	TokenBroker	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Windows Audio	Audiosrv	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p	Own Process	Normal	NT AUTHOR
Windows Audio Endpoint Builder	AudioEndpointBuilder	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Windows Biometric Service	WbioSrvc	Stopped	C:\Windows\system32\svchost.exe -k WbioSvcGroup	Share Process	Normal	LocalSyste
Windows Camera Frame Server	FrameServer	Stopped	C:\Windows\System32\svchost.exe -k Camera	Share Process	Normal	NT AUTHOR
Windows Connection Manager	Wcmsvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Own Process	Normal	NT Autho
Windows Defender Advanced Threat Protection Service	Sense	Stopped	"C:\Program Files\Windows Defender Advanced Threat Protection\MsSense.exe"	Own Process	Normal	LocalSyste
Windows Defender Firewall	mpssvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNoNetworkFirewall -p	Share Process	Normal	NT Autho
Windows Encryption Provider Host Service	WEPHOSTSVC	Stopped	C:\Windows\system32\svchost.exe -k WepHostSvcGroup	Share Process	Normal	NT AUTHOR
Windows Error Reporting Service	WerSvc	Stopped	C:\Windows\System32\svchost.exe -k WerSvcGroup	Own Process	Ignore	localSyste
Windows Event Collector	Wecsvc	Stopped	C:\Windows\system32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Windows Event Log	EventLog	Running	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Windows Font Cache Service	FontCache	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Windows Image Acquisition (WIA)	stisvc	Stopped	C:\Windows\system32\svchost.exe -k imgsvc	Own Process	Normal	NT Autho
Windows Insider Service	wisvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Windows Installer	msiserver	Running	C:\Windows\system32\msiexec.exe /V	Own Process	Normal	LocalSyste
Windows License Manager Service	LicenseManager	Running	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Ignore	NT Autho
Windows Management Instrumentation	Winmgmt	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Ignore	localSyste
Windows Media Player Network Sharing Service	WMPNetworkSvc	Stopped	"C:\Program Files\Windows Media Player\wmpnetwk.exe"	Own Process	Normal	NT AUTHOR
Windows Mobile Hotspot Service	icssvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT Autho
Windows Modules Installer	TrustedInstaller	Stopped	C:\Windows\servicing\TrustedInstaller.exe	Own Process	Normal	localSyste
Windows Push Notifications System Service	WpnService	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Windows Push Notifications User Service_5bf7316d65	WpnUserService_5bf7316d65	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not

Display Name	Name	State	Path	Type	Error Control	Start Nam
Windows PushToInstall Service	PushToInstall	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Ignore	LocalSyste
Windows Remote Management (WS-Management)	WinRM	Running	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Windows Search	WSearch	Stopped	C:\Windows\system32\SearchIndexer.exe /Embedding	Own Process	Normal	LocalSyste
Windows Security Service	SecurityHealthService	Stopped	C:\Windows\system32\SecurityHealthService.exe	Own Process	Normal	LocalSyste
Windows Time	W32Time	Stopped	C:\Windows\system32\svchost.exe -k LocalService	Share Process	Normal	NT AUTHOR
Windows Update	wuauserv	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Windows Update Medic Service	WaaSMedicSvc	Running	C:\Windows\system32\svchost.exe -k wusvcs -p	Share Process	Normal	LocalSyste
WinHTTP Web Proxy Auto-Discovery Service	WinHttpAutoProxySvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Wired AutoConfig	dot3svc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	localSyste
WMI Performance Adapter	wmiApSrv	Stopped	C:\Windows\system32\wbem\WmiApSrv.exe	Own Process	Normal	localSyste
Workstation	LanmanWorkstation	Running	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR

HP-SRV2.csaplho.pk

Gathering Services Information for HP-SRV2.csaplho.pk

Display Name	Name	State	Path	Type	Error Control	Start Nam
ActiveX Installer (AxInstSV)	AxInstSV	Stopped	C:\Windows\system32\svchost.exe -k AxInstSVGroup	Share Process	Normal	LocalSyst
Agentless Management Service	ams	Running	"C:\Program Files\OEM\AMS\service\ams.exe"	Own Process	Normal	LocalSyst
AllJoyn Router Service	AJRouter	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
App Readiness	AppReadiness	Stopped	C:\Windows\System32\svchost.exe -k AppReadiness -p	Share Process	Normal	LocalSyst
Application Identity	AppIDSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT Autho
Application Information	Appinfo	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Application Layer Gateway Service	ALG	Stopped	C:\Windows\System32\alg.exe	Own Process	Normal	NT AUTHOR
Application Management	AppMgmt	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
AppX Deployment Service (AppXSVC)	AppXSvc	Stopped	C:\Windows\system32\svchost.exe -k wsappx -p	Share Process	Normal	LocalSyst
Auto Time Zone Updater	tzautoupdate	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
AVCTP service	BthAvctpSvc	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Background Intelligent Transfer Service	BITS	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Background Tasks Infrastructure Service	BrokerInfrastructure	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyst
Base Filtering Engine	BFE	Running	C:\Windows\system32\svchost.exe -k LocalServiceNoNetworkFirewall -p	Share Process	Normal	NT AUTHOR
Bluetooth Audio Gateway Service	BTAGService	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted	Share Process	Normal	NT AUTHOR
Bluetooth Support Service	bthserv	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Capability Access Manager Service	camsvc	Stopped	C:\Windows\system32\svchost.exe -k appmodel -p	Share Process	Normal	LocalSyst
CaptureService_2c46109111	CaptureService_2c46109111	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Unknown	Normal	Value Not
CaptureService_3fa6f407d9	CaptureService_3fa6f407d9	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Unknown	Normal	Value Not
CaptureService_556a7602b0	CaptureService_556a7602b0	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Unknown	Normal	Value Not
Certificate Propagation	CertPropSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs	Share Process	Normal	LocalSyst
	ClipSVC	Stopped	C:\Windows\System32\svchost.exe -k wsappx -p		Normal	LocalSyst

Display Name	Name	State	Path	Type	Error Control	Start Nan
Client License Service (ClipSVC)				Share Process		
Clipboard User Service_2c46109111	cbdhsvc_2c46109111	Stopped	C:\Windows\system32\svchost.exe -k ClipboardSvcGroup -p	Unknown	Normal	Value Not
Clipboard User Service_3fa6f407d9	cbdhsvc_3fa6f407d9	Stopped	C:\Windows\system32\svchost.exe -k ClipboardSvcGroup -p	Unknown	Normal	Value Not
Clipboard User Service_556a7602b0	cbdhsvc_556a7602b0	Stopped	C:\Windows\system32\svchost.exe -k ClipboardSvcGroup -p	Unknown	Normal	Value Not
Cluster Service	ClusSvc	Running	C:\Windows\Cluster\clussvc.exe -s	Own Process	Normal	LocalSyst
CNG Key Isolation	KeyIso	Running	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSyst
COM+ Event System	EventSystem	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
COM+ System Application	COMSysApp	Stopped	C:\Windows\system32\dllhost.exe /Processid: {02D4B3F1-FD88-11D1-960D-00805FC79235}	Own Process	Normal	LocalSyst
Connected Devices Platform Service	CDPSvc	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Connected Devices Platform User Service_2c46109111	CDPUserSvc_2c46109111	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Normal	Value Not
Connected Devices Platform User Service_3fa6f407d9	CDPUserSvc_3fa6f407d9	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Normal	Value Not
Connected Devices Platform User Service_556a7602b0	CDPUserSvc_556a7602b0	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Normal	Value Not
Connected User Experiences and Telemetry	DiagTrack	Running	C:\Windows\System32\svchost.exe -k utcsvc -p	Own Process	Normal	LocalSyst
ConsentUX_2c46109111	ConsentUxUserSvc_2c46109111	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
ConsentUX_3fa6f407d9	ConsentUxUserSvc_3fa6f407d9	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
ConsentUX_556a7602b0	ConsentUxUserSvc_556a7602b0	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
Contact Data_2c46109111	PimIndexMaintenanceSvc_2c46109111	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
Contact Data_3fa6f407d9	PimIndexMaintenanceSvc_3fa6f407d9	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
Contact Data_556a7602b0	PimIndexMaintenanceSvc_556a7602b0	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
CoreMessaging	CoreMessagingRegistrar	Running	C:\Windows\system32\svchost.exe -k LocalServiceNoNetwork -p	Share Process	Normal	NT AUTHOR
CPrepSrv	CPrepSrv	Running	C:\Windows\System32\CprepSrv.exe	Own Process	Normal	LocalSyst
Credential Manager	VaultSvc	Stopped	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSyst
Cryptographic Services	CryptSvc	Running	C:\Windows\system32\svchost.exe -k NetworkService -p	Share Process	Normal	NT Autho
Data Sharing Service	DsSvc	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Ignore	LocalSyst
DCOM Server Process Launcher	DcomLaunch	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyst
Delivery Optimization	DoSvc	Stopped	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT Autho
Device Association Service	DeviceAssociationService	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyst
Device Install Service	DeviceInstall	Stopped	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyst
Device Management Enrollment Service	DmEnrollmentSvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Own Process	Normal	LocalSyst
Device Management Wireless Application Protocol (WAP) Push message Routing Service	dmwappushservice	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Device Setup Manager	DsmSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
DevicePicker_2c46109111	DevicePickerUserSvc_2c46109111	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
DevicePicker_3fa6f407d9	DevicePickerUserSvc_3fa6f407d9	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
DevicePicker_556a7602b0	DevicePickerUserSvc_556a7602b0	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
DevicesFlow_2c46109111	DevicesFlowUserSvc_2c46109111	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
DevicesFlow_3fa6f407d9	DevicesFlowUserSvc_3fa6f407d9	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
DevicesFlow_556a7602b0	DevicesFlowUserSvc_556a7602b0	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not
DevQuery Background Discovery Broker	DevQueryBroker	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyst
DHCP Client	Dhcp	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT Autho
Diagnostic Policy Service	DPS	Running	C:\Windows\System32\svchost.exe -k LocalServiceNoNetwork -p	Share Process	Normal	NT AUTHOR
Diagnostic Service Host	WdiServiceHost	Running	C:\Windows\System32\svchost.exe -k LocalService -p		Normal	

Display Name	Name	State	Path	Type	Error Control	Start Nan
				Share Process		NT AUTHOR
Diagnostic System Host	WdiSystemHost	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Distributed Link Tracking Client	TrkWks	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Distributed Transaction Coordinator	MSDTC	Running	C:\Windows\System32\msdtc.exe	Own Process	Normal	NT AUTHOR
DNS Client	Dnscache	Running	C:\Windows\system32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Downloaded Maps Manager	MapsBroker	Stopped	C:\Windows\System32\svchost.exe -k NetworkService -p	Own Process	Normal	NT AUTHOR
Embedded Mode	embeddedmode	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Encrypting File System (EFS)	EFS	Stopped	C:\Windows\System32\lsass.exe	Share Process	Normal	LocalSyste
Enterprise App Management Service	EntAppSvc	Stopped	C:\Windows\system32\svchost.exe -k appmodel -p	Share Process	Normal	LocalSyste
Extensible Authentication Protocol	Eaphost	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSyste
FcSrv	FcSrv	Stopped	C:\Windows\System32\FcSrv.exe	Own Process	Normal	LocalSyste
Function Discovery Provider Host	fdPHost	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Function Discovery Resource Publication	FDResPub	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
Geolocation Service	lfsvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
GraphicsPerfSvc	GraphicsPerfSvc	Stopped	C:\Windows\System32\svchost.exe -k GraphicsPerfSvcGroup	Share Process	Ignore	LocalSyste
Group Policy Client	gpsvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Host Guardian Client Service	HgClientService	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
HPE Smart Array SR Event Notification Service	HpePqiESrv	Running	"C:\Program Files\HPE\HpePqiESrv\hpepqiesrv.exe"	Own Process	Normal	LocalSyste
Human Interface Device Service	hidserv	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
HV Host Service	HvHost	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Data Exchange Service	vmickvpexchange	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Guest Service Interface	vmicguestinterface	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Guest Shutdown Service	vmicshutdown	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Heartbeat Service	vmicheartbeat	Stopped	C:\Windows\system32\svchost.exe -k ICService -p	Share Process	Normal	LocalSyste
Hyper-V Host Compute Service	vmcompute	Running	C:\Windows\system32\vmcompute.exe	Own Process	Normal	LocalSyste
Hyper-V PowerShell Direct Service	vmicvmsession	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Hyper-V Remote Desktop Virtualization Service	vmicrdv	Stopped	C:\Windows\system32\svchost.exe -k ICService -p	Share Process	Normal	LocalSyste
Hyper-V Time Synchronization Service	vmictimesync	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Hyper-V Virtual Machine Management	vmms	Running	C:\Windows\system32\vmms.exe	Own Process	Normal	LocalSyste
Hyper-V Volume Shadow Copy Requestor	vmicvss	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
IKE and AuthIP IPsec Keying Modules	IKEEXT	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Internet Connection Sharing (ICS)	SharedAccess	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
IP Helper	iphlpsvc	Running	C:\Windows\System32\svchost.exe -k NetSvcs -p	Share Process	Normal	LocalSyste
IPsec Policy Agent	PolicyAgent	Running	C:\Windows\system32\svchost.exe -k NetworkServiceNetworkRestricted -p	Share Process	Normal	NT Autho
Kaspersky Endpoint Security Service	AVP	Stopped	"C:\Program Files (x86)\Kaspersky Lab\Kaspersky Endpoint Security for Windows\avp.exe" -r	Own Process	Normal	LocalSyste
Kaspersky Seamless Update Service	avpsus	Running	"C:\Program Files (x86)\Kaspersky Lab\Kaspersky Endpoint Security for Windows\avpsus.exe"	Own Process	Normal	LocalSyste

Display Name	Name	State	Path	Type	Error Control	Start Nan
Kaspersky Security Center Network Agent	klnagent	Running	"C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\klnagent.exe"	Own Process	Normal	LocalSyst
Kaspersky Security Network proxy server	ksnproxy	Stopped	"C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\ksnproxy.exe"	Own Process	Normal	NT SERV
KDC Proxy Server service (KPS)	KPSSVC	Stopped	C:\Windows\system32\svchost.exe -k KpsSvcGroup	Share Process	Normal	NT AUTHOR
KtmRm for Distributed Transaction Coordinator	KtmRm	Running	C:\Windows\System32\svchost.exe -k NetworkServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
Link-Layer Topology Discovery Mapper	lltdsvc	Stopped	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Local Session Manager	LSM	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyst
Microsoft (R) Diagnostics Hub Standard Collector Service	diagnosticshub.standardcollector.service	Stopped	C:\Windows\system32 \DiagSvcs\DiagnosticsHub.StandardCollector.Service.exe	Own Process	Normal	LocalSyst
Microsoft Account Sign-in Assistant	wlidsvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Microsoft App-V Client	AppVClient	Stopped	C:\Windows\system32\AppVClient.exe	Own Process	Normal	LocalSyst
Microsoft iSCSI Initiator Service	MSiSCSI	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Microsoft Passport	NgcSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyst
Microsoft Passport Container	NgcCtnrSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Microsoft Software Shadow Copy Provider	swprv	Stopped	C:\Windows\System32\svchost.exe -k swprv	Own Process	Normal	LocalSyst
Microsoft Storage Spaces SMP	smphost	Stopped	C:\Windows\System32\svchost.exe -k smphost	Own Process	Normal	NT AUTHOR
Microsoft Store Install Service	InstallService	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Own Process	Ignore	LocalSyst
Net.Tcp Port Sharing Service	NetTcpPortSharing	Stopped	C:\Windows\Microsoft.NET\Framework64\v4.0.30319 \SMSvcHost.exe	Share Process	Normal	NT AUTHOR
Netlogon	Netlogon	Running	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSyst
Network Connection Broker	NcbService	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyst
Network Connections	Netman	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyst
Network Connectivity Assistant	NcaSvc	Stopped	C:\Windows\System32\svchost.exe -k NetSvcs -p	Share Process	Normal	LocalSyst
Network List Service	netprofm	Running	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Network Location Awareness	NlaSvc	Running	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Network Setup Service	NetSetupSvc	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Network Store Interface Service	nsi	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT Autho
Offline Files	CscService	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyst
OpenSSH Authentication Agent	ssh-agent	Stopped	C:\Windows\System32\OpenSSH\ssh-agent.exe	Own Process	Normal	LocalSyst
Optimize drives	defragsvc	Stopped	C:\Windows\system32\svchost.exe -k defragsvc	Own Process	Normal	localSyste
Payments and NFC/SE Manager	SEMgrSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Own Process	Ignore	NT AUTHOR
Performance Counter DLL Host	PerfHost	Stopped	C:\Windows\SysWow64\perfhost.exe	Own Process	Normal	NT AUTHOR
Performance Logs & Alerts	pla	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNoNetwork -p	Share Process	Normal	NT AUTHOR
Phone Service	PhoneSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT Autho
Plug and Play	PlugPlay	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyst
Portable Device Enumerator Service	WPDBusEnum	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted	Share Process	Normal	LocalSyst
Power	Power	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyst
Print Spooler	Spooler	Running	C:\Windows\System32\spoolsv.exe	Own Process	Normal	LocalSyst
	PrintNotify	Stopped	C:\Windows\system32\svchost.exe -k print		Normal	LocalSyst

Display Name	Name	State	Path	Type	Error Control	Start Nan
Printer Extensions and Notifications				Share Process		
PrintWorkflow_2c46109111	PrintWorkflowUserSvc_2c46109111	Stopped	C:\Windows\system32\svchost.exe -k PrintWorkflow	Unknown	Normal	Value Not
PrintWorkflow_3fa6f407d9	PrintWorkflowUserSvc_3fa6f407d9	Stopped	C:\Windows\system32\svchost.exe -k PrintWorkflow	Unknown	Normal	Value Not
PrintWorkflow_556a7602b0	PrintWorkflowUserSvc_556a7602b0	Running	C:\Windows\system32\svchost.exe -k PrintWorkflow	Unknown	Normal	Value Not
Problem Reports and Solutions Control Panel Support	wercplsupport	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSyste
Program Compatibility Assistant Service	PcaSvc	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyst
QLogic Fibre Channel Service	qlsrvc	Running	C:\Windows\System32\qlsrvc.exe	Own Process	Normal	LocalSyst
Quality Windows Audio Video Experience	QWAVE	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
Radio Management Service	RmSvc	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted	Share Process	Normal	NT AUTHOR
Remote Access Auto Connection Manager	RasAuto	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSyste
Remote Access Connection Manager	RasMan	Running	C:\Windows\System32\svchost.exe -k netsvcs	Share Process	Normal	localSyste
Remote Desktop Configuration	SessionEnv	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSyste
Remote Desktop Services	TermService	Running	C:\Windows\System32\svchost.exe -k termsvcs	Share Process	Normal	NT Autho
Remote Desktop Services UserMode Port Redirector	UmRdpService	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	localSyste
Remote Procedure Call (RPC)	RpcSs	Running	C:\Windows\system32\svchost.exe -k rpcss -p	Share Process	Normal	NT AUTHOR
Remote Procedure Call (RPC) Locator	RpcLocator	Stopped	C:\Windows\system32\locator.exe	Own Process	Normal	NT AUTHOR
Remote Registry	RemoteRegistry	Running	C:\Windows\system32\svchost.exe -k localService -p	Share Process	Normal	NT AUTHOR
Resultant Set of Policy Provider	RSoPProv	Stopped	C:\Windows\system32\RSoPProv.exe	Share Process	Normal	LocalSyst
Routing and Remote Access	RemoteAccess	Stopped	C:\Windows\System32\svchost.exe -k netsvcs	Share Process	Normal	localSyste
RPC Endpoint Mapper	RpcEptMapper	Running	C:\Windows\system32\svchost.exe -k RPCSS -p	Share Process	Normal	NT AUTHOR
Secondary Logon	seclogon	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Secure Socket Tunneling Protocol Service	SstpSvc	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT Autho
Security Accounts Manager	SamSs	Running	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSyst
Sensor Data Service	SensorDataService	Stopped	C:\Windows\System32\SensorDataService.exe	Own Process	Normal	LocalSyst
Sensor Monitoring Service	SensrSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
Sensor Service	SensorService	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyst
Server	LanmanServer	Running	C:\Windows\System32\svchost.exe -k smbsvcs	Share Process	Normal	LocalSyst
Shared PC Account Manager	shpamsvc	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Shell Hardware Detection	ShellHWDetection	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Ignore	LocalSyst
Smart Card	SCardSvr	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation	Share Process	Normal	NT AUTHOR
Smart Card Device Enumeration Service	ScDeviceEnum	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted	Share Process	Normal	LocalSyst
Smart Card Removal Policy	SCPolicySvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs	Share Process	Normal	LocalSyst
SMB Witness	SmbWitness	Stopped	C:\Windows\System32\svchost.exe -k SmbWitness	Own Process	Normal	LocalSyst
SNMP Trap	SNMPTRAP	Stopped	C:\Windows\System32\snmptrap.exe	Own Process	Normal	NT AUTHOR
Software Protection	sppsvc	Stopped	C:\Windows\system32\sppsvc.exe	Own Process	Normal	NT AUTHOR
Special Administration Console Helper	sacsvr	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Spot Verifier	svsvc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyst

Display Name	Name	State	Path	Type	Error Control	Start Nan
SSDP Discovery	SSDPSRV	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
State Repository Service	StateRepository	Running	C:\Windows\system32\svchost.exe -k appmodel -p	Share Process	Normal	LocalSyste
Still Image Acquisition Events	WiaRpc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Storage Service	StorSvc	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Storage Tiers Management	TieringEngineService	Stopped	C:\Windows\system32\TieringEngineService.exe	Own Process	Normal	localSyste
SysMain	SysMain	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Ignore	LocalSyste
System Event Notification Service	SENS	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
System Events Broker	SystemEventsBroker	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSyste
System Guard Runtime Monitor Broker	SgrmBroker	Stopped	C:\Windows\system32\SgrmBroker.exe	Own Process	Normal	LocalSyste
System Management Assistant Service	sma	Stopped	"C:\Program Files\OEM\AMS\service\sma.exe"	Own Process	Normal	LocalSyste
Target Manager	TargetMgr	Stopped	C:\Windows\Cluster\TargetMgr.exe -s	Own Process	Normal	LocalSyste
Task Scheduler	Schedule	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
TCP/IP NetBIOS Helper	lmhosts	Running	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Telephony	tapisrv	Stopped	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Themes	Themes	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Time Broker	TimeBrokerSvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Touch Keyboard and Handwriting Panel Service	TabletInputService	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
Update Orchestrator Service	UsoSvc	Stop Pending	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
UPnP Device Host	upnphost	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHOR
User Access Logging Service	UALSVC	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste
User Data Access_2c46109111	UserDataSvc_2c46109111	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
User Data Access_3fa6f407d9	UserDataSvc_3fa6f407d9	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
User Data Access_556a7602b0	UserDataSvc_556a7602b0	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
User Data Storage_2c46109111	UnistoreSvc_2c46109111	Stopped	C:\Windows\System32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
User Data Storage_3fa6f407d9	UnistoreSvc_3fa6f407d9	Running	C:\Windows\System32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
User Data Storage_556a7602b0	UnistoreSvc_556a7602b0	Stopped	C:\Windows\System32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
User Experience Virtualization Service	UevAgentService	Stopped	C:\Windows\system32\AgentService.exe	Own Process	Normal	LocalSyste
User Manager	UserManager	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
User Profile Service	ProfSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Virtual Disk	vds	Stopped	C:\Windows\System32\vds.exe	Own Process	Normal	LocalSyste
Volume Shadow Copy	VSS	Stopped	C:\Windows\system32\vssvc.exe	Own Process	Normal	LocalSyste
WalletService	WalletService	Stopped	C:\Windows\System32\svchost.exe -k appmodel -p	Share Process	Ignore	LocalSyste
WarpJITSvc	WarpJITSvc	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted	Own Process	Ignore	NT Autho
Web Account Manager	TokenBroker	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyste
Windows Audio	Audiosrv	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p	Own Process	Normal	NT AUTHOR
Windows Audio Endpoint Builder	AudioEndpointBuilder	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSyste

Display Name	Name	State	Path	Type	Error Control	Start Nan
Windows Biometric Service	WbioSrvc	Stopped	C:\Windows\system32\svchost.exe -k WbioSvcGroup	Share Process	Normal	LocalSyst
Windows Camera Frame Server	FrameServer	Stopped	C:\Windows\System32\svchost.exe -k Camera	Share Process	Normal	NT AUTHOR
Windows Connection Manager	Wcmsvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Own Process	Normal	NT Autho
Windows Defender Advanced Threat Protection Service	Sense	Stopped	"C:\Program Files\Windows Defender Advanced Threat Protection\MsSense.exe"	Own Process	Normal	LocalSyst
Windows Defender Firewall	mpssvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNoNetworkFirewall -p	Share Process	Normal	NT Autho
Windows Encryption Provider Host Service	WEPHOSTSVC	Stopped	C:\Windows\system32\svchost.exe -k WepHostSvcGroup	Share Process	Normal	NT AUTHOR
Windows Error Reporting Service	WerSvc	Stopped	C:\Windows\System32\svchost.exe -k WerSvcGroup	Own Process	Ignore	localSyste
Windows Event Collector	Wecsvc	Stopped	C:\Windows\system32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Windows Event Log	EventLog	Running	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Windows Font Cache Service	FontCache	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHOR
Windows Image Acquisition (WIA)	stisvc	Stopped	C:\Windows\system32\svchost.exe -k imgsvc	Own Process	Normal	NT Autho
Windows Insider Service	wisvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Windows Installer	msiserver	Running	C:\Windows\system32\msiexec.exe /V	Own Process	Normal	LocalSyst
Windows License Manager Service	LicenseManager	Running	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Ignore	NT Autho
Windows Management Instrumentation	Winmgmt	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Ignore	localSyste
Windows Media Player Network Sharing Service	WMPNetworkSvc	Stopped	"C:\Program Files\Windows Media Player\wmpnetwk.exe"	Own Process	Normal	NT AUTHOR
Windows Mobile Hotspot Service	icssvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT Autho
Windows Modules Installer	TrustedInstaller	Stopped	C:\Windows\servicing\TrustedInstaller.exe	Own Process	Normal	localSyste
Windows Push Notifications System Service	WpnService	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Windows Push Notifications User Service_2c46109111	WpnUserService_2c46109111	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
Windows Push Notifications User Service_3fa6f407d9	WpnUserService_3fa6f407d9	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
Windows Push Notifications User Service_556a7602b0	WpnUserService_556a7602b0	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not
Windows PushToInstall Service	PushToInstall	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Ignore	LocalSyst
Windows Remote Management (WS-Management)	WinRM	Running	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR
Windows Search	WSearch	Stopped	C:\Windows\system32\SearchIndexer.exe /Embedding	Own Process	Normal	LocalSyst
Windows Security Service	SecurityHealthService	Stopped	C:\Windows\system32\SecurityHealthService.exe	Own Process	Normal	LocalSyst
Windows Time	W32Time	Stopped	C:\Windows\system32\svchost.exe -k LocalService	Share Process	Normal	NT AUTHOR
Windows Update	wuauserv	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSyst
Windows Update Medic Service	WaaSMedicSvc	Stopped	C:\Windows\system32\svchost.exe -k wusvcs -p	Share Process	Normal	LocalSyst
WinHTTP Web Proxy Auto-Discovery Service	WinHttpAutoProxySvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHOR
Wired AutoConfig	dot3svc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	localSyste
WMI Performance Adapter	wmiApSrv	Stopped	C:\Windows\system32\wbem\WmiApSrv.exe	Own Process	Normal	localSyste
Workstation	LanmanWorkstation	Running	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHOR

HP-SRV3.csaplho.pk

Gathering Services Information for HP-SRV3.csaplho.pk

Display Name	Name	State	Path	Type	Error Control	Start Name
ActiveX Installer (AxInstSV)	AxInstSV	Stopped	C:\Windows\system32\svchost.exe -k AxInstSVGroup	Share Process	Normal	LocalSystem
Agentless Management Service	ams	Running	"C:\Program Files\OEM\AMS\service\ams.exe"	Own Process	Normal	LocalSystem
AllJoyn Router Service	AJRouter	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHORITY
App Readiness	AppReadiness	Stopped	C:\Windows\System32\svchost.exe -k AppReadiness -p	Share Process	Normal	LocalSystem
Application Identity	AppIDSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT Authority\
Application Information	Appinfo	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Application Layer Gateway Service	ALG	Stopped	C:\Windows\System32\alg.exe	Own Process	Normal	NT AUTHORITY
Application Management	AppMgmt	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
AppX Deployment Service (AppXSVC)	AppXSvc	Stopped	C:\Windows\system32\svchost.exe -k wsappx -p	Share Process	Normal	LocalSystem
Auto Time Zone Updater	tzautoupdate	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
AVCTP service	BthAvctpSvc	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
Background Intelligent Transfer Service	BITS	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Background Tasks Infrastructure Service	BrokerInfrastructure	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSystem
Base Filtering Engine	BFE	Running	C:\Windows\system32\svchost.exe -k LocalServiceNoNetworkFirewall -p	Share Process	Normal	NT AUTHORITY
Bluetooth Audio Gateway Service	BTAGService	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted	Share Process	Normal	NT AUTHORITY
Bluetooth Support Service	bthserv	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
Capability Access Manager Service	camsvc	Stopped	C:\Windows\system32\svchost.exe -k appmodel -p	Share Process	Normal	LocalSystem
CaptureService_44f4ce	CaptureService_44f4ce	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Unknown	Normal	Value Not Fou
CaptureService_b5f908d	CaptureService_b5f908d	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Unknown	Normal	Value Not Fou
Certificate Propagation	CertPropSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs	Share Process	Normal	LocalSystem
Client License Service (ClipSVC)	ClipSVC	Stopped	C:\Windows\System32\svchost.exe -k wsappx -p	Share Process	Normal	LocalSystem
Clipboard User Service_44f4ce	cbdhsvc_44f4ce	Stopped	C:\Windows\system32\svchost.exe -k ClipboardSvcGroup -p	Unknown	Normal	Value Not Fou
Clipboard User Service_b5f908d	cbdhsvc_b5f908d	Stopped	C:\Windows\system32\svchost.exe -k ClipboardSvcGroup -p	Unknown	Normal	Value Not Fou
Cluster Service	ClusSvc	Running	C:\Windows\Cluster\clussvc.exe -s	Own Process	Normal	LocalSystem
CNG Key Isolation	KeyIso	Running	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSystem
COM+ Event System	EventSystem	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
COM+ System Application	COMSysApp	Stopped	C:\Windows\system32\dllhost.exe /Processid:{02D4B3F1-FD88-11D1-960D-00805FC79235}	Own Process	Normal	LocalSystem
Connected Devices Platform Service	CDPSvc	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
Connected Devices Platform User Service_44f4ce	CDPUserSvc_44f4ce	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Normal	Value Not Fou
Connected Devices Platform User Service_b5f908d	CDPUserSvc_b5f908d	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Normal	Value Not Fou
Connected User Experiences and Telemetry	DiagTrack	Running	C:\Windows\System32\svchost.exe -k utcsvc -p	Own Process	Normal	LocalSystem
ConsentUX_44f4ce	ConsentUxUserSvc_44f4ce	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not Fou
ConsentUX_b5f908d	ConsentUxUserSvc_b5f908d	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not Fou
Contact Data_44f4ce	PimIndexMaintenanceSvc_44f4ce	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not Fou
Contact Data_b5f908d	PimIndexMaintenanceSvc_b5f908d	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not Fou
CoreMessaging	CoreMessagingRegistrar	Running			Normal	

Display Name	Name	State	Path	Type	Error Control	Start Name
			C:\Windows\system32\svchost.exe -k LocalServiceNoNetwork -p	Share Process		NT AUTHORITY
CPrepSrv	CPrepSrv	Running	C:\Windows\System32\CprepSrv.exe	Own Process	Normal	LocalSystem
Credential Manager	VaultSvc	Stopped	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSystem
Cryptographic Services	CryptSvc	Running	C:\Windows\system32\svchost.exe -k catdbsvcs -p	Share Process	Normal	NT Authority\
Data Sharing Service	DsSvc	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Ignore	LocalSystem
DCOM Server Process Launcher	DcomLaunch	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSystem
Delivery Optimization	DoSvc	Stopped	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT Authority\
Device Association Service	DeviceAssociationService	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Device Install Service	DeviceInstall	Stopped	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSystem
Device Management Enrollment Service	DmEnrollmentSvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Own Process	Normal	LocalSystem
Device Management Wireless Application Protocol (WAP) Push message Routing Service	dmwappushservice	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Device Setup Manager	DsmSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
DevicePicker_44f4ce	DevicePickerUserSvc_44f4ce	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not Fou
DevicePicker_b5f908d	DevicePickerUserSvc_b5f908d	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not Fou
DevicesFlow_44f4ce	DevicesFlowUserSvc_44f4ce	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not Fou
DevicesFlow_b5f908d	DevicesFlowUserSvc_b5f908d	Stopped	C:\Windows\system32\svchost.exe -k DevicesFlow	Unknown	Normal	Value Not Fou
DevQuery Background Discovery Broker	DevQueryBroker	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
DHCP Client	Dhcp	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT Authority\
Diagnostic Policy Service	DPS	Running	C:\Windows\System32\svchost.exe -k LocalServiceNoNetwork -p	Share Process	Normal	NT AUTHORITY
Diagnostic Service Host	WdiServiceHost	Stopped	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
Diagnostic System Host	WdiSystemHost	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Distributed Link Tracking Client	TrkWks	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Distributed Transaction Coordinator	MSDTC	Running	C:\Windows\System32\msdtc.exe	Own Process	Normal	NT AUTHORITY
DNS Client	Dnscache	Running	C:\Windows\system32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHORITY
Downloaded Maps Manager	MapsBroker	Stopped	C:\Windows\System32\svchost.exe -k NetworkService -p	Own Process	Normal	NT AUTHORITY
Embedded Mode	embeddedmode	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Encrypting File System (EFS)	EFS	Stopped	C:\Windows\System32\lsass.exe	Share Process	Normal	LocalSystem
Enterprise App Management Service	EntAppSvc	Stopped	C:\Windows\system32\svchost.exe -k appmodel -p	Share Process	Normal	LocalSystem
Extensible Authentication Protocol	Eaphost	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSystem
FcSrv	FcSrv	Stopped	C:\Windows\System32\FcSrv.exe	Own Process	Normal	LocalSystem
Function Discovery Provider Host	fdPHost	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
Function Discovery Resource Publication	FDResPub	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHORITY
Geolocation Service	lfsvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
GraphicsPerfSvc	GraphicsPerfSvc	Stopped	C:\Windows\System32\svchost.exe -k GraphicsPerfSvcGroup	Share Process	Ignore	LocalSystem
Group Policy Client	gpsvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Host Guardian Client Service	HgClientService	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
	HpePqiESrv	Running	"C:\Program Files\HPE\HpePqiESrv\hpepqiesrv.exe"		Normal	LocalSystem

Display Name	Name	State	Path	Type	Error Control	Start Name
HPE Smart Array SR Event Notification Service				Own Process		
Human Interface Device Service	hidserv	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
HV Host Service	HvHost	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Hyper-V Data Exchange Service	vmickvpexchange	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Hyper-V Guest Service Interface	vmicguestinterface	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Hyper-V Guest Shutdown Service	vmicshutdown	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Hyper-V Heartbeat Service	vmicheartbeat	Stopped	C:\Windows\system32\svchost.exe -k ICService -p	Share Process	Normal	LocalSystem
Hyper-V Host Compute Service	vmcompute	Running	C:\Windows\system32\vmcompute.exe	Own Process	Normal	LocalSystem
Hyper-V PowerShell Direct Service	vmicvmsession	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Hyper-V Remote Desktop Virtualization Service	vmicrdv	Stopped	C:\Windows\system32\svchost.exe -k ICService -p	Share Process	Normal	LocalSystem
Hyper-V Time Synchronization Service	vmictimesync	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHORITY
Hyper-V Virtual Machine Management	vmms	Running	C:\Windows\system32\vmms.exe	Own Process	Normal	LocalSystem
Hyper-V Volume Shadow Copy Requestor	vmicvss	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
IKE and AuthIP IPsec Keying Modules	IKEEXT	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Internet Connection Sharing (ICS)	SharedAccess	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
IP Helper	iphlpsvc	Running	C:\Windows\System32\svchost.exe -k NetSvcs -p	Share Process	Normal	LocalSystem
IPsec Policy Agent	PolicyAgent	Running	C:\Windows\system32\svchost.exe -k NetworkServiceNetworkRestricted -p	Share Process	Normal	NT Authority\
Kaspersky Security Center Network Agent	klnagent	Running	"C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\klnagent.exe"	Own Process	Normal	LocalSystem
Kaspersky Security Exploit Prevention Service	kavfsslp	Running	"C:\Program Files (x86)\Kaspersky Lab\Kaspersky Security for Windows Server\kavfswh.exe"	Share Process	Normal	LocalSystem
Kaspersky Security Management Service	KAVFSGT	Stopped	"C:\Program Files (x86)\Kaspersky Lab\Kaspersky Security for Windows Server\kavfsgt.exe"	Own Process	Normal	LocalSystem
Kaspersky Security Network proxy server	ksnproxy	Stopped	"C:\Program Files (x86)\Kaspersky Lab\NetworkAgent\ksnproxy.exe"	Own Process	Normal	NT SERVICE
Kaspersky Security Script Checker Service	kavfsscs	Running	"C:\Program Files (x86)\Kaspersky Lab\Kaspersky Security for Windows Server\kavfsscs.exe"	Own Process	Normal	LocalSystem
Kaspersky Security Service	KAVFS	Stopped	"C:\Program Files (x86)\Kaspersky Lab\Kaspersky Security for Windows Server\kavfs.exe"	Own Process	Normal	LocalSystem
KDC Proxy Server service (KPS)	KPSSVC	Stopped	C:\Windows\system32\svchost.exe -k KpsSvcGroup	Share Process	Normal	NT AUTHORITY
KtmRm for Distributed Transaction Coordinator	KtmRm	Stopped	C:\Windows\System32\svchost.exe -k NetworkServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHORITY
Link-Layer Topology Discovery Mapper	lltdsvc	Stopped	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
Local Session Manager	LSM	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSystem
Microsoft (R) Diagnostics Hub Standard Collector Service	diagnosticshub.standardcollector.service	Stopped	C:\Windows\system32 \DiagSvcs\DiagnosticsHub.StandardCollector.Service.exe	Own Process	Normal	LocalSystem
Microsoft Account Sign-in Assistant	wlidsvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Microsoft App-V Client	AppVClient	Stopped	C:\Windows\system32\AppVClient.exe	Own Process	Normal	LocalSystem
Microsoft iSCSI Initiator Service	MSiSCSI	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Microsoft Passport	NgcSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Microsoft Passport Container	NgcCtnrSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHORITY
Microsoft Software Shadow Copy Provider	swprv	Stopped	C:\Windows\System32\svchost.exe -k swprv	Own Process	Normal	LocalSystem

Display Name	Name	State	Path	Type	Error Control	Start Name
Microsoft Storage Spaces SMP	smphost	Stopped	C:\Windows\System32\svchost.exe -k smphost	Own Process	Normal	NT AUTHORITY
Microsoft Store Install Service	InstallService	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Own Process	Ignore	LocalSystem
Net.Tcp Port Sharing Service	NetTcpPortSharing	Stopped	C:\Windows\Microsoft.NET\Framework64\v4.0.30319 \SMSvcHost.exe	Share Process	Normal	NT AUTHORITY
Netlogon	Netlogon	Running	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSystem
Network Connection Broker	NcbService	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Network Connections	Netman	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Network Connectivity Assistant	NcaSvc	Stopped	C:\Windows\System32\svchost.exe -k NetSvcs -p	Share Process	Normal	LocalSystem
Network List Service	netprofm	Running	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
Network Location Awareness	NlaSvc	Running	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHORITY
Network Setup Service	NetSetupSvc	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Network Store Interface Service	nsi	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT Authority\
Offline Files	CscService	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
OpenSSH Authentication Agent	ssh-agent	Stopped	C:\Windows\System32\OpenSSH\ssh-agent.exe	Own Process	Normal	LocalSystem
Optimize drives	defragsvc	Stopped	C:\Windows\system32\svchost.exe -k defragsvc	Own Process	Normal	localSystem
Payments and NFC/SE Manager	SEMgrSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Own Process	Ignore	NT AUTHORITY
Performance Counter DLL Host	PerfHost	Stopped	C:\Windows\SysWow64\perfhost.exe	Own Process	Normal	NT AUTHORITY
Performance Logs & Alerts	pla	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNoNetwork -p	Share Process	Normal	NT AUTHORITY
Phone Service	PhoneSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT Authority\
Plug and Play	PlugPlay	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSystem
Portable Device Enumerator Service	WPDBusEnum	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted	Share Process	Normal	LocalSystem
Power	Power	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSystem
Print Spooler	Spooler	Running	C:\Windows\System32\spoolsv.exe	Own Process	Normal	LocalSystem
Printer Extensions and Notifications	PrintNotify	Stopped	C:\Windows\system32\svchost.exe -k print	Share Process	Normal	LocalSystem
PrintWorkflow_44f4ce	PrintWorkflowUserSvc_44f4ce	Stopped	C:\Windows\system32\svchost.exe -k PrintWorkflow	Unknown	Normal	Value Not Fou
PrintWorkflow_b5f908d	PrintWorkflowUserSvc_b5f908d	Stopped	C:\Windows\system32\svchost.exe -k PrintWorkflow	Unknown	Normal	Value Not Fou
Problem Reports and Solutions Control Panel Support	wercplsupport	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSystem
Program Compatibility Assistant Service	PcaSvc	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
QLogic Fibre Channel Service	qlsrvc	Running	C:\Windows\System32\qlsrvc.exe	Own Process	Normal	LocalSystem
Quality Windows Audio Video Experience	QWAVE	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHORITY
Radio Management Service	RmSvc	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted	Share Process	Normal	NT AUTHORITY
Remote Access Auto Connection Manager	RasAuto	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSystem
Remote Access Connection Manager	RasMan	Running	C:\Windows\System32\svchost.exe -k netsvcs	Share Process	Normal	localSystem
Remote Desktop Configuration	SessionEnv	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	localSystem
Remote Desktop Services	TermService	Running	C:\Windows\System32\svchost.exe -k termsvcs	Share Process	Normal	NT Authority\
Remote Desktop Services UserMode Port Redirector	UmRdpService	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	localSystem
Remote Procedure Call (RPC)	RpcSs	Running	C:\Windows\system32\svchost.exe -k rpcss -p	Share Process	Normal	NT AUTHORITY

Display Name	Name	State	Path	Type	Error Control	Start Name
Remote Procedure Call (RPC) Locator	RpcLocator	Stopped	C:\Windows\system32\locator.exe	Own Process	Normal	NT AUTHORITY
Remote Registry	RemoteRegistry	Running	C:\Windows\system32\svchost.exe -k localService -p	Share Process	Normal	NT AUTHORITY
Resultant Set of Policy Provider	RSoPProv	Stopped	C:\Windows\system32\RSoPProv.exe	Share Process	Normal	LocalSystem
Routing and Remote Access	RemoteAccess	Stopped	C:\Windows\System32\svchost.exe -k netsvcs	Share Process	Normal	localSystem
RPC Endpoint Mapper	RpcEptMapper	Running	C:\Windows\system32\svchost.exe -k RPCSS -p	Share Process	Normal	NT AUTHORITY
Secondary Logon	seclogon	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Secure Socket Tunneling Protocol Service	SstpSvc	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT Authority\
Security Accounts Manager	SamSs	Running	C:\Windows\system32\lsass.exe	Share Process	Normal	LocalSystem
Sensor Data Service	SensorDataService	Stopped	C:\Windows\System32\SensorDataService.exe	Own Process	Normal	LocalSystem
Sensor Monitoring Service	SensrSvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHORITY
Sensor Service	SensorService	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Server	LanmanServer	Running	C:\Windows\System32\svchost.exe -k smbsvcs	Share Process	Normal	LocalSystem
Shared PC Account Manager	shpamsvc	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Shell Hardware Detection	ShellHWDetection	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Ignore	LocalSystem
Smart Card	SCardSvr	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation	Share Process	Normal	NT AUTHORITY
Smart Card Device Enumeration Service	ScDeviceEnum	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted	Share Process	Normal	LocalSystem
Smart Card Removal Policy	SCPolicySvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs	Share Process	Normal	LocalSystem
SMB Witness	SmbWitness	Stopped	C:\Windows\System32\svchost.exe -k SmbWitness	Own Process	Normal	LocalSystem
SNMP Trap	SNMPTRAP	Stopped	C:\Windows\System32\snmptrap.exe	Own Process	Normal	NT AUTHORITY
Software Protection	sppsvc	Stopped	C:\Windows\system32\sppsvc.exe	Own Process	Normal	NT AUTHORITY
Special Administration Console Helper	sacsvr	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Spot Verifier	svsvc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
SSDP Discovery	SSDPSRV	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHORITY
State Repository Service	StateRepository	Running	C:\Windows\system32\svchost.exe -k appmodel -p	Share Process	Normal	LocalSystem
Still Image Acquisition Events	WiaRpc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Storage Service	StorSvc	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Storage Tiers Management	TieringEngineService	Stopped	C:\Windows\system32\TieringEngineService.exe	Own Process	Normal	localSystem
SysMain	SysMain	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Ignore	LocalSystem
System Event Notification Service	SENS	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
System Events Broker	SystemEventsBroker	Running	C:\Windows\system32\svchost.exe -k DcomLaunch -p	Share Process	Normal	LocalSystem
System Guard Runtime Monitor Broker	SgrmBroker	Stopped	C:\Windows\system32\SgrmBroker.exe	Own Process	Normal	LocalSystem
System Management Assistant Service	sma	Stopped	"C:\Program Files\OEM\AMS\service\sma.exe"	Own Process	Normal	LocalSystem
Target Manager	TargetMgr	Stopped	C:\Windows\Cluster\TargetMgr.exe -s	Own Process	Normal	LocalSystem
Task Scheduler	Schedule	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
TCP/IP NetBIOS Helper	lmhosts	Running	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHORITY
Telephony	tapisrv	Stopped	C:\Windows\System32\svchost.exe -k NetworkService -p		Normal	

Display Name	Name	State	Path	Type	Error Control	Start Name
				Share Process		NT AUTHORITY
Themes	Themes	Running	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Time Broker	TimeBrokerSvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHORITY
Touch Keyboard and Handwriting Panel Service	TabletInputService	Running	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Update Orchestrator Service	UsoSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
UPnP Device Host	upnphost	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceAndNoImpersonation -p	Share Process	Normal	NT AUTHORITY
User Access Logging Service	UALSVC	Running	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
User Data Access_44f4ce	UserDataSvc_44f4ce	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not Fou
User Data Access_b5f908d	UserDataSvc_b5f908d	Stopped	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not Fou
User Data Storage_44f4ce	UnistoreSvc_44f4ce	Stopped	C:\Windows\System32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not Fou
User Data Storage_b5f908d	UnistoreSvc_b5f908d	Stopped	C:\Windows\System32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not Fou
User Experience Virtualization Service	UevAgentService	Stopped	C:\Windows\system32\AgentService.exe	Own Process	Normal	LocalSystem
User Manager	UserManager	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
User Profile Service	ProfSvc	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Virtual Disk	vds	Stopped	C:\Windows\System32\vds.exe	Own Process	Normal	LocalSystem
Volume Shadow Copy	VSS	Stopped	C:\Windows\system32\vssvc.exe	Own Process	Normal	LocalSystem
WalletService	WalletService	Stopped	C:\Windows\System32\svchost.exe -k appmodel -p	Share Process	Ignore	LocalSystem
WarpJITSvc	WarpJITSvc	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted	Own Process	Ignore	NT Authority\
Web Account Manager	TokenBroker	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Windows Audio	Audiosrv	Stopped	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p	Own Process	Normal	NT AUTHORITY
Windows Audio Endpoint Builder	AudioEndpointBuilder	Stopped	C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	LocalSystem
Windows Biometric Service	WbioSrvc	Stopped	C:\Windows\system32\svchost.exe -k WbioSvcGroup	Share Process	Normal	LocalSystem
Windows Camera Frame Server	FrameServer	Stopped	C:\Windows\System32\svchost.exe -k Camera	Share Process	Normal	NT AUTHORITY
Windows Connection Manager	Wcmsvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Own Process	Normal	NT Authority\
Windows Defender Advanced Threat Protection Service	Sense	Stopped	"C:\Program Files\Windows Defender Advanced Threat Protection\MsSense.exe"	Own Process	Normal	LocalSystem
Windows Defender Firewall	mpssvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNoNetworkFirewall -p	Share Process	Normal	NT Authority\
Windows Encryption Provider Host Service	WEPHOSTSVC	Stopped	C:\Windows\system32\svchost.exe -k WepHostSvcGroup	Share Process	Normal	NT AUTHORITY
Windows Error Reporting Service	WerSvc	Stopped	C:\Windows\System32\svchost.exe -k WerSvcGroup	Own Process	Ignore	localSystem
Windows Event Collector	Wecsvc	Stopped	C:\Windows\system32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHORITY
Windows Event Log	EventLog	Running	C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHORITY
Windows Font Cache Service	FontCache	Running	C:\Windows\system32\svchost.exe -k LocalService -p	Share Process	Normal	NT AUTHORITY
Windows Image Acquisition (WIA)	stisvc	Stopped	C:\Windows\system32\svchost.exe -k imgsvc	Own Process	Normal	NT Authority\
Windows Insider Service	wisvc	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Windows Installer	msiserver	Stopped	C:\Windows\system32\msiexec.exe /V	Own Process	Normal	LocalSystem
Windows License Manager Service	LicenseManager	Running	C:\Windows\System32\svchost.exe -k LocalService -p	Share Process	Ignore	NT Authority\

Display Name	Name	State	Path	Type	Error Control	Start Name
Windows Management Instrumentation	Winmgmt	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Ignore	localSystem
Windows Media Player Network Sharing Service	WMPNetworkSvc	Stopped	"C:\Program Files\Windows Media Player\wmpnetwk.exe"	Own Process	Normal	NT AUTHORITY
Windows Mobile Hotspot Service	icssvc	Stopped	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT Authority\
Windows Modules Installer	TrustedInstaller	Stopped	C:\Windows\servicing\TrustedInstaller.exe	Own Process	Normal	localSystem
Windows Push Notifications System Service	WpnService	Running	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Windows Push Notifications User Service_44f4ce	WpnUserService_44f4ce	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not Fou
Windows Push Notifications User Service_b5f908d	WpnUserService_b5f908d	Running	C:\Windows\system32\svchost.exe -k UnistackSvcGroup	Unknown	Ignore	Value Not Fou
Windows PushToInstall Service	PushToInstall	Stopped	C:\Windows\System32\svchost.exe -k netsvcs -p	Share Process	Ignore	LocalSystem
Windows Remote Management (WS-Management)	WinRM	Running	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHORITY
Windows Search	WSearch	Stopped	C:\Windows\system32\SearchIndexer.exe /Embedding	Own Process	Normal	LocalSystem
Windows Security Service	SecurityHealthService	Stopped	C:\Windows\system32\SecurityHealthService.exe	Own Process	Normal	LocalSystem
Windows Time	W32Time	Running	C:\Windows\system32\svchost.exe -k LocalService	Share Process	Normal	NT AUTHORITY
Windows Update	wuauserv	Stopped	C:\Windows\system32\svchost.exe -k netsvcs -p	Share Process	Normal	LocalSystem
Windows Update Medic Service	WaaSMedicSvc	Stopped	C:\Windows\system32\svchost.exe -k wusvcs -p	Share Process	Normal	LocalSystem
WinHTTP Web Proxy Auto-Discovery Service	WinHttpAutoProxySvc	Running	C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p	Share Process	Normal	NT AUTHORITY
Wired AutoConfig	dot3svc	Stopped	C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p	Share Process	Normal	localSystem
WMI Performance Adapter	wmiApSrv	Stopped	C:\Windows\system32\wbem\WmiApSrv.exe	Own Process	Normal	localSystem
Workstation	LanmanWorkstation	Running	C:\Windows\System32\svchost.exe -k NetworkService -p	Share Process	Normal	NT AUTHORITY

Stop: 06/11/2022 7:54:39 AM.

Back to Summary
Back to Top

List Software Updates

Description: List software updates that have been applied on each node.
Start: 06/11/2022 7:54:39 AM.

HP-SRV1.csaplho.pk

Gathering Software Updates for HP-SRV1.csaplho.pk
None found...

HP-SRV2.csaplho.pk

Gathering Software Updates for HP-SRV2.csaplho.pk
None found...

HP-SRV3.csaplho.pk

Gathering Software Updates for HP-SRV3.csaplho.pk

None found...

Stop: 06/11/2022 7:57:27 AM.

Back to Summary
Back to Top

List System Drivers

Description: List the system drivers on each node.
Start: 06/11/2022 7:57:27 AM.

HP-SRV1.csaplho.pk

Gathering System Drivers for HP-SRV1.csaplho.pk

Name	Description	Path	Version	Service Type	St
1394ohci	1394 OHCI Compliant Host Controller	C:\Windows\system32\drivers\1394ohci.sys	10.0.17763.1	Kernel Driver	Fa
3ware	3ware	C:\Windows\system32\drivers\3ware.sys	5.1.0.51	Kernel Driver	Fa
ACPI	Microsoft ACPI Driver	C:\Windows\system32\drivers\ACPI.sys	10.0.17763.1852	Kernel Driver	Tr
AcpiDev	ACPI Devices driver	C:\Windows\system32\drivers\AcpiDev.sys	10.0.17763.1	Kernel Driver	Fa
acpiex	Microsoft ACPIEx Driver	C:\Windows\system32\Drivers\acpiex.sys	10.0.17763.1	Kernel Driver	Tr
acpipagr	ACPI Processor Aggregator Driver	C:\Windows\system32\drivers\acpipagr.sys	10.0.17763.1	Kernel Driver	Fa
AcpiPmi	ACPI Power Meter Driver	C:\Windows\system32\drivers\acpipmi.sys	10.0.17763.1	Kernel Driver	Tr
acpitime	ACPI Wake Alarm Driver	C:\Windows\system32\drivers\acpitime.sys	10.0.17763.1	Kernel Driver	Tr
ADP80XX	ADP80XX	C:\Windows\system32\drivers\ADP80XX.SYS	1.3.0.10769	Kernel Driver	Fa
AFD	Ancillary Function Driver for Winsock	C:\Windows\system32\drivers\afd.sys	10.0.17763.1432	Kernel Driver	Tr
afunix	afunix	C:\Windows\system32\drivers\afunix.sys	10.0.17763.1369	Kernel Driver	Tr
ahcache	Application Compatibility Cache	C:\Windows\system32\DRIVERS\ahcache.sys	10.0.17763.1879	Kernel Driver	Tr
AmdK8	AMD K8 Processor Driver	C:\Windows\system32\drivers\amdk8.sys	10.0.17763.1432	Kernel Driver	Fa
AmdPPM	AMD Processor Driver	C:\Windows\system32\drivers\amdppm.sys	10.0.17763.1432	Kernel Driver	Fa
amdsata	amdsata	C:\Windows\system32\drivers\amdsata.sys	1.1.3.277	Kernel Driver	Fa
amdsbs	amdsbs	C:\Windows\system32\drivers\amdsbs.sys	3.7.1540.43	Kernel Driver	Fa
amdxata	amdxata	C:\Windows\system32\drivers\amdxata.sys	1.1.3.277	Kernel Driver	Fa
AppID	AppID Driver	C:\Windows\system32\drivers\appid.sys	10.0.17763.1852	Kernel Driver	Fa
applockerfltr	Smartlocker Filter Driver	C:\Windows\system32\drivers\applockerfltr.sys	10.0.17763.1	Kernel Driver	Fa
AppvStrm	AppvStrm	C:\Windows\system32\drivers\AppvStrm.sys	10.0.17763.1852	File System Driver	Fa
AppvVemgr	AppvVemgr	C:\Windows\system32\drivers\AppvVemgr.sys	10.0.17763.1852	File System Driver	Fa
AppvVfs	AppvVfs	C:\Windows\system32\drivers\AppvVfs.sys	10.0.17763.1852	File System Driver	Fa
arcsas	Adaptec SAS/SATA-II RAID Storport's Miniport Driver	C:\Windows\system32\drivers\arcsas.sys	7.5.0.32048	Kernel Driver	Fa
AsyncMac	RAS Asynchronous Media Driver	C:\Windows\system32\drivers\asyncmac.sys	10.0.17763.1	Kernel Driver	Fa
atapi	IDE Channel	C:\Windows\system32\drivers\atapi.sys	10.0.17763.1	Kernel Driver	Fa
b06bdrv		C:\Windows\system32\drivers\bxvbda.sys	7.12.31.105		Fa

Name	Description	Path	Version	Service Type	St
	QLogic Network Adapter VBD			Kernel Driver	
b57nd60a	Broadcom NetXtreme Gigabit Ethernet - NDIS 6.0	C:\Windows\system32\drivers\b57nd60a.sys	214.0.0.6	Kernel Driver	Fa
bam	Background Activity Moderator Driver	C:\Windows\system32\drivers\bam.sys	10.0.17763.1	Kernel Driver	Tr
BasicDisplay	BasicDisplay	C:\Windows\system32 \DriverStore\FileRepository\basicdisplay.inf_amd64_5103ac179273be89 \BasicDisplay.sys	10.0.17763.1	Kernel Driver	Tr
BasicRender	BasicRender	C:\Windows\system32 \DriverStore\FileRepository\basicrender.inf_amd64_0b8d03c3bc0e7fd9 \BasicRender.sys	10.0.17763.1	Kernel Driver	Tr
bcmfn2	bcmfn2 Service	C:\Windows\system32\drivers\bcmfn2.sys	6.3.9600.17336	Kernel Driver	Fa
Beep	Beep	C:\Windows\system32\drivers\Beep.sys	10.0.17763.1	Kernel Driver	Fa
bfadfcoei	bfadfcoei	C:\Windows\system32\drivers\bfadfcoei.sys	10.0.10060.0	Kernel Driver	Fa
bfadi	bfadi	C:\Windows\system32\drivers\bfadi.sys	10.0.10060.0	Kernel Driver	Fa
bindflt	Windows Bind Filter Driver	C:\Windows\system32\drivers\bindflt.sys	10.0.17763.1911	File System Driver	Fa
bowser	Browser	C:\Windows\system32\DRIVERS\bowser.sys	10.0.17763.1697	File System Driver	Tr
BthEnum	Bluetooth Enumerator Service	C:\Windows\system32\drivers\BthEnum.sys	10.0.17763.194	Kernel Driver	Fa
BthLEEnum	Bluetooth Low Energy Driver	C:\Windows\system32 \drivers\Microsoft.Bluetooth.Legacy.LEEnumerator.sys	10.0.17763.592	Kernel Driver	Fa
BthMini	Bluetooth Radio Driver	C:\Windows\system32\drivers\BTHMINI.sys	10.0.17763.1	Kernel Driver	Fa
BTHPORT	Bluetooth Port Driver	C:\Windows\system32\drivers\BTHport.sys	10.0.17763.1852	Kernel Driver	Fa
BTHUSB	Bluetooth Radio USB Driver	C:\Windows\system32\drivers\BTHUSB.sys	10.0.17763.678	Kernel Driver	Fa
bttflt	Microsoft Hyper-V VHDPMEM BTT Filter	C:\Windows\system32\drivers\bttflt.sys	10.0.17763.1	Kernel Driver	Fa
buttonconverter	Service for Portable Device Control devices	C:\Windows\system32\drivers\buttonconverter.sys	10.0.17763.1	Kernel Driver	Fa
bxfcoe	QLogic FCoE Offload driver	C:\Windows\system32\drivers\bxfcoe.sys	7.14.15.2	Kernel Driver	Fa
bxois	QLogic Offload iSCSI Driver	C:\Windows\system32\drivers\bxois.sys	7.14.7.2	Kernel Driver	Fa
CapImg	HID driver for CapImg touch screen	C:\Windows\system32\drivers\capimg.sys	10.0.17763.1	Kernel Driver	Fa
CCFFilter	Cluster Client Failover Filter	C:\Windows\system32\drivers\CCFFilter.sys	10.0.17763.652	File System Driver	Tr
cdfs	CD/DVD File System Reader	C:\Windows\system32\DRIVERS\cdfs.sys	10.0.17763.379	File System Driver	Fa
cdrom	CD-ROM Driver	C:\Windows\system32\drivers\cdrom.sys	10.0.17763.1	Kernel Driver	Tr
cht4iscsi	cht4iscsi	C:\Windows\system32\drivers\cht4sx64.sys	6.9.12.400	Kernel Driver	Fa
cht4vbd	Chelsio Virtual Bus Driver	C:\Windows\system32\drivers\cht4vx64.sys	6.9.12.400	Kernel Driver	Fa
CldFlt	Windows Cloud Files Filter Driver	C:\Windows\system32\drivers\cldflt.sys	10.0.17763.1728	File System Driver	Tr
CLFS	Common Log (CLFS)	C:\Windows\system32\drivers\CLFS.sys	10.0.17763.1852	Kernel Driver	Tr
clusbflt	Cluster BFlt Driver	C:\Windows\system32\drivers\clusbflt.sys	10.0.17763.1369	Kernel Driver	Tr
ClusDisk	Cluster Disk Driver	C:\Windows\system32\drivers\ClusDisk.sys	10.0.17763.1	Kernel Driver	Tr
clusport	clusport	C:\Windows\system32\drivers\clusport.sys	10.0.17763.1192	Kernel Driver	Tr
CmBatt	Microsoft ACPI Control Method Battery Driver	C:\Windows\system32\drivers\CmBatt.sys	10.0.17763.1	Kernel Driver	Fa
CNG	CNG	C:\Windows\system32\Drivers\cng.sys	10.0.17763.1852		Tr

Name	Description	Path	Version	Service Type	St
				Kernel Driver	
cnghwassist	CNG Hardware Assist algorithm provider	C:\Windows\system32\DRIVERS\cnghwassist.sys	10.0.17763.1	Kernel Driver	Fa
CompositeBus	Composite Bus Enumerator Driver	C:\Windows\system32 \DriverStore\FileRepository\compositebus.inf_amd64_e4d35af746093dc3 \CompositeBus.sys	10.0.17763.1	Kernel Driver	Tr
condrv	Console Driver	C:\Windows\system32\drivers\condrv.sys	10.0.17763.1879	Kernel Driver	Tr
CSC	Offline Files Driver	C:\Windows\system32\drivers\csc.sys	10.0.17763.1697	Kernel Driver	Fa
CsvFlt	CSV Mini-Filter Driver	C:\Windows\system32\drivers\CsvFlt.sys	10.0.17763.529	File System Driver	Tr
CsvFs	Csv File System Driver	C:\Windows\system32\drivers\CsvFs.sys	10.0.17763.1490	File System Driver	Tr
CsvNSFlt	CSV NameSpace Filter Driver	C:\Windows\system32\drivers\CsvNSFlt.sys	10.0.17763.1	File System Driver	Tr
csvvbus	CSV Volume Bus	C:\Windows\system32\drivers\csvvbus.sys	10.0.17763.1490	Kernel Driver	Tr
dam	Desktop Activity Moderator Driver	C:\Windows\system32\drivers\dam.sys	10.0.17763.404	Kernel Driver	Fa
Dfsc	DFS Namespace Client Driver	C:\Windows\system32\Drivers\dfsc.sys	10.0.17763.1	File System Driver	Tr
Disk	Disk Driver	C:\Windows\system32\drivers\disk.sys	10.0.17763.1728	Kernel Driver	Tr
dmvsc	dmvsc	C:\Windows\system32\drivers\dmvsc.sys	10.0.17763.771	Kernel Driver	Fa
drmkaud	Microsoft Trusted Audio Drivers	C:\Windows\system32\drivers\drmkaud.sys	10.0.17763.1	Kernel Driver	Fa
DXGKrnl	LDDM Graphics Subsystem	C:\Windows\system32\drivers\dxgkrnl.sys	10.0.17763.1817	Kernel Driver	Tr
ebdrv	QLogic 10 Gigabit Ethernet Adapter VBD	C:\Windows\system32\drivers\evbda.sys	7.13.65.105	Kernel Driver	Fa
EhStorClass	Enhanced Storage Filter Driver	C:\Windows\system32\drivers\EhStorClass.sys	10.0.17763.1911	Kernel Driver	Fa
EhStorTcgDrv	Microsoft driver for storage devices supporting IEEE 1667 and TCG protocols	C:\Windows\system32\drivers\EhStorTcgDrv.sys	10.0.17763.1	Kernel Driver	Fa
elxfcoe	elxfcoe	C:\Windows\system32\drivers\elxfcoe.sys	11.0.247.8000	Kernel Driver	Fa
elxstor	elxstor	C:\Windows\system32\drivers\elxstor.sys	11.4.225.8009	Kernel Driver	Fa
ErrDev	Microsoft Hardware Error Device Driver	C:\Windows\system32\drivers\errdev.sys	10.0.17763.1	Kernel Driver	Tr
exfat	exFAT File System Driver	C:\Windows\system32\drivers\exfat.sys	10.0.17763.379	File System Driver	Fa
fastfat	FAT12/16/32 File System Driver	C:\Windows\system32\drivers\fastfat.sys	10.0.17763.1518	File System Driver	Tr
fcvsc	fcvsc	C:\Windows\system32\drivers\fcvsc.sys	10.0.17763.771	Kernel Driver	Fa
fdc	Floppy Disk Controller Driver	C:\Windows\system32\drivers\fdc.sys	10.0.17763.1	Kernel Driver	Fa
FileCrypt	FileCrypt	C:\Windows\system32\drivers\filecrypt.sys	10.0.17763.1	File System Driver	Tr
FileInfo	File Information FS MiniFilter	C:\Windows\system32\drivers\fileinfo.sys	10.0.17763.194	File System Driver	Fa
Filetrace	Filetrace	C:\Windows\system32\drivers\filetrace.sys	10.0.17763.1	File System Driver	Fa
flpydisk	Floppy Disk Driver	C:\Windows\system32\drivers\flpydisk.sys	10.0.17763.1	Kernel Driver	Fa
FltMgr	FltMgr	C:\Windows\system32\drivers\fltmgr.sys	10.0.17763.831	File System Driver	Tr

Name	Description	Path	Version	Service Type	St
FsDepends	File System Dependency Minifilter	C:\Windows\system32\drivers\FsDepends.sys	10.0.17763.1879	File System Driver	Tr
gencounter	Microsoft Hyper-V Generation Counter	C:\Windows\system32\drivers\vmgencounter.sys	10.0.17763.1	Kernel Driver	Fa
genericusbfn	Generic USB Function Class	C:\Windows\system32\drivers\genericusbfn.sys	10.0.17763.1	Kernel Driver	Fa
GPIOClx0101	Microsoft GPIO Class Extension Driver	C:\Windows\system32\Drivers\msgpioclx.sys	10.0.17763.107	Kernel Driver	Fa
HDAudBus	Microsoft UAA Bus Driver for High Definition Audio	C:\Windows\system32\drivers\HDAudBus.sys	10.0.17763.1	Kernel Driver	Fa
HidBatt	HID UPS Battery Driver	C:\Windows\system32\drivers\HidBatt.sys	10.0.17763.1	Kernel Driver	Fa
hidinterrupt	Common Driver for HID Buttons implemented with interrupts	C:\Windows\system32\drivers\hidinterrupt.sys	10.0.17763.1	Kernel Driver	Fa
HidUsb	Microsoft HID Class Driver	C:\Windows\system32\drivers\hidusb.sys	10.0.17763.1	Kernel Driver	Fa
HpSAMD	HpSAMD	C:\Windows\system32\drivers\HpSAMD.sys	8.0.4.0	Kernel Driver	Fa
HTTP	HTTP Service	C:\Windows\system32\drivers\HTTP.sys	10.0.17763.1911	Kernel Driver	Tr
hvcrash	hvcrash	C:\Windows\system32\drivers\hvcrash.sys	10.0.17763.1	Kernel Driver	Fa
hvservice	Hypervisor/Virtual Machine Support Driver	C:\Windows\system32\drivers\hvservice.sys	10.0.17763.864	Kernel Driver	Tr
hvsocketcontrol	hvsocketcontrol	C:\Windows\system32\drivers\hvsocketcontrol.sys	10.0.17763.1	Kernel Driver	Tr
HwNClx0101	Microsoft Hardware Notifications Class Extension Driver	C:\Windows\system32\Drivers\mshwnclx.sys	10.0.17763.1	Kernel Driver	Fa
hwpolicy	Hardware Policy Driver	C:\Windows\system32\drivers\hwpolicy.sys	10.0.17763.1131	Kernel Driver	Fa
hyperkbd	hyperkbd	C:\Windows\system32\drivers\hyperkbd.sys	10.0.17763.1	Kernel Driver	Fa
HyperVideo	HyperVideo	C:\Windows\system32\drivers\HyperVideo.sys	10.0.17763.1	Kernel Driver	Fa
i8042prt	i8042 Keyboard and PS/2 Mouse Port Driver	C:\Windows\system32\drivers\i8042prt.sys	10.0.17763.1	Kernel Driver	Fa
iaLPSSi_GPIO	Intel(R) Serial IO GPIO Controller Driver	C:\Windows\system32\drivers\iaLPSSi_GPIO.sys	1.1.250.0	Kernel Driver	Fa
iaLPSSi_I2C	Intel(R) Serial IO I2C Controller Driver	C:\Windows\system32\drivers\iaLPSSi_I2C.sys	1.1.253.0	Kernel Driver	Fa
iaStorAVC	Intel Chipset SATA RAID Controller	C:\Windows\system32\drivers\iaStorAVC.sys	15.44.0.1010	Kernel Driver	Fa
iaStorV	Intel RAID Controller Windows 7	C:\Windows\system32\drivers\iaStorV.sys	8.6.2.1019	Kernel Driver	Fa
ibbus	Mellanox InfiniBand Bus/AL (Filter Driver)	C:\Windows\system32\drivers\ibbus.sys	5.50.14643.0	Kernel Driver	Fa
IndirectKmd	Indirect Displays Kernel-Mode Driver	C:\Windows\system32\drivers\IndirectKmd.sys	10.0.17763.1	Kernel Driver	Fa
intelide	intelide	C:\Windows\system32\drivers\intelide.sys	10.0.17763.1	Kernel Driver	Fa
intelpep	Intel(R) Power Engine Plug-in Driver	C:\Windows\system32\drivers\intelpep.sys	10.0.17763.503	Kernel Driver	Tr
intelppm	Intel Processor Driver	C:\Windows\system32\drivers\intelppm.sys	10.0.17763.1432	Kernel Driver	Tr
IpFilterDriver	IP Traffic Filter Driver	C:\Windows\system32\DRIVERS\ipfltdrv.sys	10.0.17763.1	Kernel Driver	Fa
IPMIDRV	IPMIDRV	C:\Windows\system32\drivers\IPMIDrv.sys	10.0.17763.1	Kernel Driver	Tr
IPNAT	IP Network Address Translator	C:\Windows\system32\drivers\ipnat.sys	10.0.17763.1	Kernel Driver	Fa
IPsecGW	Windows IPsec Gateway Driver	C:\Windows\system32\drivers\ipsecgw.sys	10.0.17763.1	Kernel Driver	Fa
IPT	IPT	C:\Windows\system32\drivers\ipt.sys	10.0.17763.1	Kernel Driver	Fa
isapnp	isapnp	C:\Windows\system32\drivers\isapnp.sys	10.0.17763.1	Kernel Driver	Fa
iScsiPrt	iScsiPort Driver	C:\Windows\system32\drivers\msiscsi.sys	10.0.17763.1728	Kernel Driver	Fa
ItSas35i	ItSas35i	C:\Windows\system32\drivers\ItSas35i.sys	2.60.59.80		Fa

Name	Description	Path	Version	Service Type	St
				Kernel Driver	
kbdclass	Keyboard Class Driver	C:\Windows\system32\drivers\kbdclass.sys	10.0.17763.1	Kernel Driver	Tr
kbdhid	Keyboard HID Driver	C:\Windows\system32\drivers\kbdhid.sys	10.0.17763.348	Kernel Driver	Fa
kdnic	Microsoft Kernel Debug Network Miniport (NDIS 6.20)	C:\Windows\system32\drivers\kdnic.sys	6.1.0.0	Kernel Driver	Tr
klbackupdisk	Kaspersky Lab klbackupdisk	C:\Windows\system32\DRIVERS\klbackupdisk.sys	30.733.1.120	Kernel Driver	Tr
klbackupflt	Kaspersky Lab klbackupflt	C:\Windows\system32\DRIVERS\klbackupflt.sys	30.733.1.120	File System Driver	Tr
klelam	klelam	C:\Windows\system32\DRIVERS\klelam.sys	18.0.26.0	Kernel Driver	Fa
klflt	Kaspersky Lab Kernel DLL	C:\Windows\system32\DRIVERS\klflt.sys	30.733.1.120	Kernel Driver	Tr
klgse	Kaspersky Lab Security Extender Driver	C:\Windows\system32\DRIVERS\klgse.sys	51.1.90.0	File System Driver	Tr
klhk	Kaspersky Lab service driver	C:\Windows\system32\DRIVERS\klhk.sys	51.1.86.0	Kernel Driver	Tr
klids	klids	\??\C:\ProgramData\Kaspersky Lab\KES\Bases\klids.sys	10.2.0.123	Kernel Driver	Fa
KLIF	Kaspersky Lab Driver	C:\Windows\system32\DRIVERS\klif.sys	30.733.1.120	File System Driver	Tr
klim6	Kaspersky Anti-Virus NDIS 6 Filter	C:\Windows\system32\DRIVERS\klim6.sys	30.733.1.120	Kernel Driver	Tr
klpd	Kaspersky Lab format recognizer driver	C:\Windows\system32\DRIVERS\klpd.sys	30.733.1.120	File System Driver	Tr
klpnpflt	Kaspersky Lab klpnpflt	C:\Windows\system32\DRIVERS\klpnpflt.sys	30.733.1.120	Kernel Driver	Fa
klupd_klif_arkmon	klupd_klif_arkmon	C:\Windows\system32\DRIVERS\klupd_klif_arkmon.sys	2.11.3.0	Kernel Driver	Tr
klupd_KLIF_klark	klupd_KLIF_klark	C:\Windows\system32\Drivers\klupd_KLIF_klark.sys	4.7.3.0	Kernel Driver	Tr
klupd_KLIF_klbg	klupd_KLIF_klbg	C:\Windows\system32\Drivers\klupd_KLIF_klbg.sys	11.11.3.0	Kernel Driver	Tr
klupd_KLIF_mark	klupd_KLIF_mark	C:\Windows\system32\Drivers\klupd_KLIF_mark.sys	6.6.3.0	Kernel Driver	Tr
klupd_KLIF_swmon	klupd_KLIF_swmon	C:\Windows\system32\Drivers\klupd_KLIF_swmon.sys	1.11.2.0	Kernel Driver	Tr
klwfp	klwfp	C:\Windows\system32\DRIVERS\klwfp.sys	30.733.1.120	Kernel Driver	Tr
klwtp	KLwtp - WFP callout traffic inspector	C:\Windows\system32\DRIVERS\klwtp.sys	30.733.1.120	Kernel Driver	Tr
kneps	kneps	C:\Windows\system32\DRIVERS\kneps.sys	30.733.1.120	Kernel Driver	Tr
KSecDD	KSecDD	C:\Windows\system32\Drivers\ksecdd.sys	10.0.17763.1432	Kernel Driver	Tr
KSecPkg	KSecPkg	C:\Windows\system32\Drivers\ksecpkg.sys	10.0.17763.503	Kernel Driver	Tr
ksthunk	Kernel Streaming Thunks	C:\Windows\system32\drivers\ksthunk.sys	10.0.17763.1	Kernel Driver	Fa
lltdio	Link-Layer Topology Discovery Mapper I/O Driver	C:\Windows\system32\drivers\lltdio.sys	10.0.17763.1	Kernel Driver	Tr
LSI_SAS	LSI_SAS	C:\Windows\system32\drivers\lsi_sas.sys	1.34.3.83	Kernel Driver	Fa
LSI_SAS2i	LSI_SAS2i	C:\Windows\system32\drivers\lsi_sas2i.sys	2.0.79.82	Kernel Driver	Fa
LSI_SAS3i	LSI_SAS3i	C:\Windows\system32\drivers\lsi_sas3i.sys	2.51.24.80	Kernel Driver	Fa
LSI_SSS	LSI_SSS	C:\Windows\system32\drivers\lsi_sss.sys	2.10.61.81	Kernel Driver	Fa
luafv	UAC File Virtualization	C:\Windows\system32\drivers\luafv.sys	10.0.17763.1817	File System Driver	Tr
lunparser	LUN Parser	C:\Windows\system32\drivers\lunparser.sys	10.0.17763.1	Kernel Driver	Fa

Name	Description	Path	Version	Service Type	St
mausbhost	MA-USB Host Controller Driver	C:\Windows\system32\drivers\mausbhost.sys	10.0.17763.1	Kernel Driver	Fa
mausbip	MA-USB IP Filter Driver	C:\Windows\system32\drivers\mausbip.sys	10.0.17763.1	Kernel Driver	Fa
megasas	megasas	C:\Windows\system32\drivers\megasas.sys	6.706.6.0	Kernel Driver	Fa
megasas2i	megasas2i	C:\Windows\system32\drivers\MegaSas2i.sys	6.714.5.0	Kernel Driver	Fa
megasas35i	megasas35i	C:\Windows\system32\drivers\megasas35i.sys	7.705.8.0	Kernel Driver	Fa
megasr	megasr	C:\Windows\system32\drivers\megasr.sys	15.2.2013.129	Kernel Driver	Fa
Microsoft_Bluetooth_AvrcpTransport	Microsoft Bluetooth Avrcp Transport Driver	C:\Windows\system32\drivers\Microsoft.Bluetooth.AvrcpTransport.sys	10.0.17763.1	Kernel Driver	Fa
mlx4_bus	Mellanox ConnectX Bus Enumerator	C:\Windows\system32\drivers\mlx4_bus.sys	5.50.14643.0	Kernel Driver	Fa
MMCSS	Multimedia Class Scheduler	C:\Windows\system32\drivers\mmcss.sys	10.0.17763.194	Kernel Driver	Tr
Modem	Modem	C:\Windows\system32\drivers\modem.sys	10.0.17763.1697	Kernel Driver	Fa
monitor	Microsoft Monitor Class Function Driver Service	C:\Windows\system32\drivers\monitor.sys	10.0.17763.771	Kernel Driver	Fa
mouclass	Mouse Class Driver	C:\Windows\system32\drivers\mouclass.sys	10.0.17763.1	Kernel Driver	Tr
mouhid	Mouse HID Driver	C:\Windows\system32\drivers\mouhid.sys	10.0.17763.1	Kernel Driver	Fa
mountmgr	Mount Point Manager	C:\Windows\system32\drivers\mountmgr.sys	10.0.17763.831	Kernel Driver	Tr
mpio	Microsoft Multi-Path Bus Driver	C:\Windows\system32\drivers\mpio.sys	10.0.17763.1554	Kernel Driver	Tr
mpsdrv	Windows Defender Firewall Authorization Driver	C:\Windows\system32\drivers\mpsdrv.sys	10.0.17763.404	Kernel Driver	Tr
mrxsmb	SMB MiniRedirector Wrapper and Engine	C:\Windows\system32\DRIVERS\mrxsmb.sys	10.0.17763.1369	File System Driver	Tr
mrxsmb20	SMB 2.0 MiniRedirector	C:\Windows\system32\DRIVERS\mrxsmb20.sys	10.0.17763.1432	File System Driver	Tr
MsBridge	Microsoft MAC Bridge	C:\Windows\system32\drivers\bridge.sys	10.0.17763.379	Kernel Driver	Fa
msdsm	Microsoft Multi-Path Device Specific Module	C:\Windows\system32\drivers\msdsm.sys	10.0.17763.652	Kernel Driver	Tr
Msfs	Msfs	C:\Windows\system32\drivers\Msfs.sys	10.0.17763.771	File System Driver	Tr
msgpiowin32	Common Driver for Buttons, DockMode and Laptop/Slate Indicator	C:\Windows\system32\drivers\msgpiowin32.sys	10.0.17763.1	Kernel Driver	Fa
mshidkmdf	Pass-through HID to KMDF Filter Driver	C:\Windows\system32\drivers\mshidkmdf.sys	10.0.17763.1	Kernel Driver	Fa
mshidumdf	Pass-through HID to UMDF Driver	C:\Windows\system32\drivers\mshidumdf.sys	10.0.17763.1	Kernel Driver	Fa
msisadrv	msisadrv	C:\Windows\system32\drivers\msisadrv.sys	10.0.17763.771	Kernel Driver	Tr
MSKSSRV	Microsoft Streaming Service Proxy	C:\Windows\system32\drivers\MSKSSRV.sys	10.0.17763.1	Kernel Driver	Fa
MsLbfoProvider	Microsoft Load Balancing/Failover Provider	C:\Windows\system32\drivers\MsLbfoProvider.sys	10.0.17763.1	Kernel Driver	Tr
MsLldp	Microsoft Link-Layer Discovery Protocol	C:\Windows\system32\drivers\mslldp.sys	10.0.17763.1	Kernel Driver	Tr
MSPCLOCK	Microsoft Streaming Clock Proxy	C:\Windows\system32\drivers\MSPCLOCK.sys	10.0.17763.1	Kernel Driver	Fa
MSPQM	Microsoft Streaming Quality Manager Proxy	C:\Windows\system32\drivers\MSPQM.sys	10.0.17763.1	Kernel Driver	Fa
MsRPC	MsRPC	C:\Windows\system32\drivers\MsRPC.sys	10.0.17763.1879	Kernel Driver	Fa
MsSecFlt	Microsoft Security Events Component Minifilter	C:\Windows\system32\drivers\mssecflt.sys	10.0.17763.1852	Kernel Driver	Tr
mssmbios		C:\Windows\system32\drivers\mssmbios.sys	10.0.17763.1	Kernel Driver	Tr

Name	Description	Path	Version	Service Type	St
	Microsoft System Management BIOS Driver				
MSTEE	Microsoft Streaming Tee/Sink-to-Sink Converter	C:\Windows\system32\drivers\MSTEE.sys	10.0.17763.1	Kernel Driver	Fa
MTConfig	Microsoft Input Configuration Driver	C:\Windows\system32\drivers\MTConfig.sys	10.0.17763.1	Kernel Driver	Fa
Mup	Mup	C:\Windows\system32\Drivers\mup.sys	10.0.17763.1	File System Driver	Tr
mvumis	mvumis	C:\Windows\system32\drivers\mvumis.sys	1.0.5.1016	Kernel Driver	Fa
MxG2hDO64	MxG2hDO64	C:\Windows\system32\DRIVERS\MxG2hDO64.sys	9.15.1.224	Kernel Driver	Tr
ndfltr	NetworkDirect Service	C:\Windows\system32\drivers\ndfltr.sys	5.50.14643.0	Kernel Driver	Fa
NDIS	NDIS System Driver	C:\Windows\system32\drivers\ndis.sys	10.0.17763.1852	Kernel Driver	Tr
NdisCap	Microsoft NDIS Capture	C:\Windows\system32\drivers\ndiscap.sys	10.0.17763.1	Kernel Driver	Fa
NdisImPlatform	Microsoft Network Adapter Multiplexor Protocol	C:\Windows\system32\drivers\NdisImPlatform.sys	10.0.17763.1	Kernel Driver	Tr
NdisImPlatformMp	Microsoft Network Adapter Multiplexor Driver	C:\Windows\system32\drivers\NdisImPlatform.sys	10.0.17763.1	Kernel Driver	Tr
NdisTapi	Remote Access NDIS TAPI Driver	C:\Windows\system32\DRIVERS\ndistapi.sys	10.0.17763.1	Kernel Driver	Tr
Ndisuio	NDIS Usermode I/O Protocol	C:\Windows\system32\drivers\ndisuio.sys	10.0.17763.1	Kernel Driver	Fa
NdisVirtualBus	Microsoft Virtual Network Adapter Enumerator	C:\Windows\system32\drivers\NdisVirtualBus.sys	10.0.17763.1	Kernel Driver	Tr
NdisWan	Remote Access NDIS WAN Driver	C:\Windows\system32\drivers\ndiswan.sys	10.0.17763.1098	Kernel Driver	Tr
ndiswanlegacy	Remote Access LEGACY NDIS WAN Driver	C:\Windows\system32\DRIVERS\ndiswan.sys	10.0.17763.1098	Kernel Driver	Fa
ndproxy	NDIS Proxy Driver	C:\Windows\system32\DRIVERS\NDProxy.sys	10.0.17763.652	Kernel Driver	Tr
nechesasr	iLO 5 ASR Driver	C:\Windows\system32\drivers\nechesasr.sys	4.7.1.0	Kernel Driver	Tr
necheschif	iLO 5 CHIF Driver	C:\Windows\system32\drivers\necheschif.sys	4.7.1.0	Kernel Driver	Tr
NetAdapterCx	Network Adapter Wdf Class Extension Library	C:\Windows\system32\drivers\NetAdapterCx.sys	10.0.17763.1	Kernel Driver	Fa
NetBIOS	NetBIOS Interface	C:\Windows\system32\drivers\netbios.sys	10.0.17763.1	File System Driver	Tr
NetBT	NetBT	C:\Windows\system32\DRIVERS\netbt.sys	10.0.17763.1518	Kernel Driver	Tr
Netft	Cluster Virtual Miniport Driver	C:\Windows\system32\drivers\netft.sys	10.0.17763.1852	Kernel Driver	Tr
netvsc	netvsc	C:\Windows\system32\drivers\netvsc.sys	10.0.17763.1879	Kernel Driver	Fa
Npfs	Npfs	C:\Windows\system32\drivers\Npfs.sys	10.0.17763.831	File System Driver	Tr
npsvctrig	Named pipe service trigger provider	C:\Windows\system32\drivers\npsvctrig.sys	10.0.17763.1	Kernel Driver	Tr
nsiproxy	NSI Proxy Service Driver	C:\Windows\system32\drivers\nsiproxy.sys	10.0.17763.1	Kernel Driver	Tr
Ntfs	Ntfs	C:\Windows\system32\drivers\Ntfs.sys	10.0.17763.1911	File System Driver	Tr
Null	Null	C:\Windows\system32\drivers\Null.sys	10.0.17763.1	Kernel Driver	Tr
nvdimm	Microsoft NVDIMM device driver	C:\Windows\system32\drivers\nvdimm.sys	10.0.17763.1432	Kernel Driver	Fa
nvraid	nvraid	C:\Windows\system32\drivers\nvraid.sys	10.6.0.23	Kernel Driver	Fa
nvstor	nvstor	C:\Windows\system32\drivers\nvstor.sys	10.6.0.23		Fa

Name	Description	Path	Version	Service Type	St
				Kernel Driver	
Parport	Parallel port driver	C:\Windows\system32\drivers\parport.sys	10.0.17763.1	Kernel Driver	Fa
partmgr	Partition driver	C:\Windows\system32\drivers\partmgr.sys	10.0.17763.1728	Kernel Driver	Tr
passthruparser	PassthroughParser	C:\Windows\system32\drivers\passthruparser.sys	10.0.17763.1	Kernel Driver	Tr
pci	PCI Bus Driver	C:\Windows\system32\drivers\pci.sys	10.0.17763.1852	Kernel Driver	Tr
pciide	pciide	C:\Windows\system32\drivers\pciide.sys	10.0.17763.1	Kernel Driver	Fa
pcip	PCI Proxy driver	C:\Windows\system32\drivers\pcip.sys	10.0.17763.1	Kernel Driver	Fa
pcmcia	pcmcia	C:\Windows\system32\drivers\pcmcia.sys	10.0.17763.1	Kernel Driver	Fa
pcw	Performance Counters for Windows Driver	C:\Windows\system32\drivers\pcw.sys	10.0.17763.1	Kernel Driver	Tr
pdc	pdc	C:\Windows\system32\drivers\pdc.sys	10.0.17763.404	Kernel Driver	Tr
PEAUTH	PEAUTH	C:\Windows\system32\drivers\peauth.sys	10.0.17763.1852	Kernel Driver	Tr
percsas2i	percsas2i	C:\Windows\system32\drivers\percsas2i.sys	6.805.3.0	Kernel Driver	Fa
percsas3i	percsas3i	C:\Windows\system32\drivers\percsas3i.sys	6.604.6.0	Kernel Driver	Fa
PktMon	Packet Monitor Driver	C:\Windows\system32\drivers\PktMon.sys	10.0.17763.1879	Kernel Driver	Fa
pmem	Microsoft persistent memory disk driver	C:\Windows\system32\drivers\pmem.sys	10.0.17763.652	Kernel Driver	Fa
PNPMEM	Microsoft Memory Module Driver	C:\Windows\system32\drivers\pnpmem.sys	10.0.17763.1	Kernel Driver	Fa
PptpMiniport	WAN Miniport (PPTP)	C:\Windows\system32\drivers\raspptp.sys	10.0.17763.1	Kernel Driver	Tr
Processor	Processor Driver	C:\Windows\system32\drivers\processr.sys	10.0.17763.1432	Kernel Driver	Fa
Psched	QoS Packet Scheduler	C:\Windows\system32\drivers\pacer.sys	10.0.17763.1397	Kernel Driver	Tr
pvhdparser	pvhdparser	C:\Windows\system32\drivers\pvhdparser.sys	10.0.17763.1554	Kernel Driver	Fa
q57nd60a	HP NC329a 4-port Ethernet Server Adapter	C:\Windows\system32\drivers\b57nd60a.sys	214.0.0.6	Kernel Driver	Tr
qebdrv	QLogic FastLinQ Ethernet VBD	C:\Windows\system32\drivers\qevbda.sys	8.33.20.103	Kernel Driver	Fa
qefcoe	QLogic FCoE driver	C:\Windows\system32\drivers\qefcoe.sys	8.33.4.2	Kernel Driver	Fa
qeois	QLogic 40G iSCSI Driver	C:\Windows\system32\drivers\qeois.sys	8.33.5.2	Kernel Driver	Fa
ql2300	QLogic Fibre Channel STOR Miniport Driver (wx64)	C:\Windows\system32\drivers\ql2300.sys	9.4.2.20	Kernel Driver	Tr
ql2300i	QLogic Fibre Channel STOR Miniport Inbox Driver (wx64)	C:\Windows\system32\drivers\ql2300i.sys	9.1.15.1	Kernel Driver	Fa
ql40xx2i	QLogic iSCSI Miniport Inbox Driver	C:\Windows\system32\drivers\ql40xx2i.sys	2.1.5.0	Kernel Driver	Fa
qlfcoei	QLogic [FCoE] STOR Miniport Inbox Driver (wx64)	C:\Windows\system32\drivers\qlfcoei.sys	9.1.11.3	Kernel Driver	Fa
QWAVEdrv	QWAVE driver	C:\Windows\system32\drivers\qwavedrv.sys	10.0.17763.1	Kernel Driver	Fa
Ramdisk	Windows RAM Disk Driver	C:\Windows\system32\DRIVERS\ramdisk.sys	10.0.17763.1	Kernel Driver	Fa
ramparser	ramparser	C:\Windows\system32\drivers\ramparser.sys	10.0.17763.1	Kernel Driver	Fa
RasAcd	Remote Access Auto Connection Driver	C:\Windows\system32\DRIVERS\rasacd.sys	10.0.17763.1	Kernel Driver	Fa
RasAgileVpn	WAN Miniport (IKEv2)	C:\Windows\system32\drivers\AgileVpn.sys	10.0.17763.1790	Kernel Driver	Tr
RasGre	WAN Miniport (GRE)	C:\Windows\system32\drivers\rasgre.sys	10.0.17763.1	Kernel Driver	Tr
Rasl2tp	WAN Miniport (L2TP)	C:\Windows\system32\drivers\rasl2tp.sys	10.0.17763.1	Kernel Driver	Tr

Name	Description	Path	Version	Service Type	St
RasPppoe	Remote Access PPPOE Driver	C:\Windows\system32\DRIVERS\raspppoe.sys	10.0.17763.1	Kernel Driver	Tr
RasSstp	WAN Miniport (SSTP)	C:\Windows\system32\drivers\rassstp.sys	10.0.17763.1	Kernel Driver	Tr
rdbss	Redirected Buffering Sub System	C:\Windows\system32\DRIVERS\rdbss.sys	10.0.17763.1369	File System Driver	Tr
rdpbus	Remote Desktop Device Redirector Bus Driver	C:\Windows\system32\drivers\rdpbus.sys	10.0.17763.1	Kernel Driver	Tr
RDPDR	Remote Desktop Device Redirector Driver	C:\Windows\system32\drivers\rdpdr.sys	10.0.17763.652	Kernel Driver	Tr
RdpVideoMiniport	Remote Desktop Video Miniport Driver	C:\Windows\system32\drivers\rdpvideominiport.sys	10.0.17763.1	Kernel Driver	Tr
ReFS	ReFS	C:\Windows\system32\drivers\ReFS.sys	10.0.17763.1728	File System Driver	Fa
ReFSv1	ReFSv1	C:\Windows\system32\drivers\ReFSv1.sys	10.0.17763.404	File System Driver	Fa
ResumeKeyFilter	Resume Key Filter	C:\Windows\system32\drivers\ResumeKeyFilter.sys	10.0.17763.1	File System Driver	Tr
RFCOMM	Bluetooth Device (RFCOMM Protocol TDI)	C:\Windows\system32\drivers\rfcomm.sys	10.0.17763.1	Kernel Driver	Fa
rhproxy	Resource Hub proxy driver	C:\Windows\system32\drivers\rhproxy.sys	10.0.17763.1	Kernel Driver	Fa
rspndr	Link-Layer Topology Discovery Responder	C:\Windows\system32\drivers\rspndr.sys	10.0.17763.1	Kernel Driver	Tr
s3cap	s3cap	C:\Windows\system32\drivers\vms3cap.sys	10.0.17763.1	Kernel Driver	Fa
sacdrv	sacdrv	C:\Windows\system32\DRIVERS\sacdrv.sys	10.0.17763.1	Kernel Driver	Fa
sbp2port	SBP-2 Transport/Protocol Bus Driver	C:\Windows\system32\drivers\sbp2port.sys	10.0.17763.1911	Kernel Driver	Fa
scfilter	Smart card PnP Class Filter Driver	C:\Windows\system32\DRIVERS\scfilter.sys	10.0.17763.1	Kernel Driver	Fa
scmbus	Microsoft Storage Class Memory Bus Driver	C:\Windows\system32\drivers\scmbus.sys	10.0.17763.1432	Kernel Driver	Fa
sdbus	sdbus	C:\Windows\system32\drivers\sdbus.sys	10.0.17763.1613	Kernel Driver	Fa
SDFRd	SDF Reflector	C:\Windows\system32\drivers\SDFRd.sys	10.0.17763.1	Kernel Driver	Fa
sdstor	SD Storage Port Driver	C:\Windows\system32\drivers\sdstor.sys	10.0.17763.1911	Kernel Driver	Fa
SerCx	Serial UART Support Library	C:\Windows\system32\drivers\SerCx.sys	10.0.17763.1	Kernel Driver	Fa
SerCx2	Serial UART Support Library	C:\Windows\system32\drivers\SerCx2.sys	10.0.17763.1	Kernel Driver	Fa
Serenum	Serenum Filter Driver	C:\Windows\system32\drivers\serenum.sys	10.0.17763.1	Kernel Driver	Tr
Serial	Serial port driver	C:\Windows\system32\drivers\serial.sys	10.0.17763.1	Kernel Driver	Tr
sermouse	Serial Mouse Driver	C:\Windows\system32\drivers\sermouse.sys	10.0.17763.1	Kernel Driver	Fa
sfloppy	High-Capacity Floppy Disk Drive	C:\Windows\system32\drivers\sfloppy.sys	10.0.17763.1131	Kernel Driver	Fa
SgrmAgent	System Guard Runtime Monitor Agent	C:\Windows\system32\drivers\SgrmAgent.sys	10.0.17763.1	Kernel Driver	Tr
SiSRaid2	SiSRaid2	C:\Windows\system32\drivers\SiSRaid2.sys	5.1.1039.2600	Kernel Driver	Fa
SiSRaid4	SiSRaid4	C:\Windows\system32\drivers\sisraid4.sys	5.1.1039.3600	Kernel Driver	Fa
SmartPqi	SmartPqi	C:\Windows\system32\drivers\SmartPqi.sys	106.278.0.1043	Kernel Driver	Tr
SmartSAMD	SmartSAMD	C:\Windows\system32\drivers\SmartSAMD.sys	1.50.0.0	Kernel Driver	Fa
smbdirect	smbdirect	C:\Windows\system32\DRIVERS\smbdirect.sys	10.0.17763.1	File System Driver	Fa
spaceport	Storage Spaces Driver	C:\Windows\system32\drivers\spaceport.sys	10.0.17763.1911	Kernel Driver	Tr

Name	Description	Path	Version	Service Type	St
SpbCx	Simple Peripheral Bus Support Library	C:\Windows\system32\drivers\SpbCx.sys	10.0.17763.1	Kernel Driver	Fa
srv2	Server SMB 2.xxx Driver	C:\Windows\system32\DRIVERS\srv2.sys	10.0.17763.1879	File System Driver	Tr
srvnet	srvnet	C:\Windows\system32\DRIVERS\srvnet.sys	10.0.17763.1075	File System Driver	Tr
stexstor	stexstor	C:\Windows\system32\drivers\stexstor.sys	5.1.0.10	Kernel Driver	Fa
storahci	Microsoft Standard SATA AHCI Driver	C:\Windows\system32\drivers\storahci.sys	10.0.17763.1911	Kernel Driver	Fa
storflt	Microsoft Hyper-V Storage Accelerator	C:\Windows\system32\drivers\vmstorfl.sys	10.0.17763.1911	Kernel Driver	Fa
stornvme	Microsoft Standard NVM Express Driver	C:\Windows\system32\drivers\stornvme.sys	10.0.17763.1432	Kernel Driver	Fa
storqosflt	Storage QoS Filter Driver	C:\Windows\system32\drivers\storqosflt.sys	10.0.17763.348	File System Driver	Tr
storufs	Microsoft Universal Flash Storage (UFS) Driver	C:\Windows\system32\drivers\storufs.sys	10.0.17763.1613	Kernel Driver	Fa
storvsc	storvsc	C:\Windows\system32\drivers\storvsc.sys	10.0.17763.771	Kernel Driver	Fa
storvsp	storvsp	C:\Windows\system32\drivers\storvsp.sys	10.0.17763.1518	Kernel Driver	Tr
svhdxflt	Shared VHDX File Access Filter Driver	C:\Windows\system32\drivers\svhdxflt.sys	10.0.17763.1879	File System Driver	Tr
swenum	Software Bus Driver	C:\Windows\system32 \DriverStore\FileRepository\swenum.inf_amd64_31f554b660026323 \swenum.sys	10.0.17763.1	Kernel Driver	Tr
Synth3dVsc	Synth3dVsc	C:\Windows\system32\drivers\Synth3dVsc.sys	10.0.17763.1879	Kernel Driver	Fa
Tcpip	TCP/IP Protocol Driver	C:\Windows\system32\drivers\tcpip.sys	10.0.17763.1911	Kernel Driver	Tr
Tcpip6	@todo.dll,-100;Microsoft IPv6 Protocol Driver	C:\Windows\system32\drivers\tcpip.sys	10.0.17763.1911	Kernel Driver	Fa
tcpipreg	TCP/IP Registry Compatibility	C:\Windows\system32\drivers\tcpipreg.sys	10.0.17763.1	Kernel Driver	Tr
tdx	NetIO Legacy TDI Support Driver	C:\Windows\system32\DRIVERS\tdx.sys	10.0.17763.1	Kernel Driver	Tr
terminpt	Microsoft Remote Desktop Input Driver	C:\Windows\system32\drivers\terminpt.sys	10.0.17763.1	Kernel Driver	Tr
TPM	TPM	C:\Windows\system32\drivers\tpm.sys	10.0.17763.1697	Kernel Driver	Fa
TsUsbFlt	Remote Desktop USB Hub Class Filter Driver	C:\Windows\system32\drivers\tsusbflt.sys	10.0.17763.1	Kernel Driver	Fa
TsUsbGD	Remote Desktop Generic USB Device	C:\Windows\system32\drivers\TsUsbGD.sys	10.0.17763.1	Kernel Driver	Fa
tsusbhub	Remote Desktop USB Hub	C:\Windows\system32\drivers\tsusbhub.sys	10.0.17763.973	Kernel Driver	Fa
tunnel	Microsoft Tunnel Miniport Adapter Driver	C:\Windows\system32\drivers\tunnel.sys	10.0.17763.864	Kernel Driver	Fa
UASPStor	USB Attached SCSI (UAS) Driver	C:\Windows\system32\drivers\uaspstor.sys	10.0.17763.1	Kernel Driver	Tr
UcmCx0101	USB Connector Manager KMDF Class Extension	C:\Windows\system32\Drivers\UcmCx.sys	10.0.17763.1	Kernel Driver	Fa
UcmTcpciCx0101	UCM-TCPCI KMDF Class Extension	C:\Windows\system32\Drivers\UcmTcpciCx.sys	10.0.17763.1	Kernel Driver	Fa
UcmUcsi	USB Connector Manager UCSI Client	C:\Windows\system32\drivers\UcmUcsi.sys	10.0.17763.1	Kernel Driver	Fa
UcmUcsiAcpiClient	UCM-UCSI ACPI Client	C:\Windows\system32\drivers\UcmUcsiAcpiClient.sys	10.0.17763.719	Kernel Driver	Fa
UcmUcsiCx0101	UCM-UCSI KMDF Class Extension	C:\Windows\system32\Drivers\UcmUcsiCx.sys	10.0.17763.737	Kernel Driver	Fa
Ucx01000	USB Host Support Library	C:\Windows\system32\drivers\ucx01000.sys	10.0.17763.1	Kernel Driver	Tr
UdeCx	USB Device Emulation Support Library	C:\Windows\system32\drivers\udecx.sys	10.0.17763.1	Kernel Driver	Fa
udfs	udfs	C:\Windows\system32\DRIVERS\udfs.sys	10.0.17763.379	File System Driver	Fa

Name	Description	Path	Version	Service Type	St
UEFI	Microsoft UEFI Driver	C:\Windows\system32\drivers\UEFI.sys	10.0.17763.652	Kernel Driver	Fa
UevAgentDriver	UevAgentDriver	C:\Windows\system32\drivers\UevAgentDriver.sys	10.0.17763.1	File System Driver	Fa
Ufx01000	USB Function Class Extension	C:\Windows\system32\drivers\ufx01000.sys	10.0.17763.1728	Kernel Driver	Fa
UfxChipidea	USB Chipidea Controller	C:\Windows\system32\drivers\UfxChipidea.sys	10.0.17763.1	Kernel Driver	Fa
ufxsynopsys	USB Synopsys Controller	C:\Windows\system32\drivers\ufxsynopsys.sys	10.0.17763.1728	Kernel Driver	Fa
umbus	UMBus Enumerator Driver	C:\Windows\system32\drivers\umbus.sys	10.0.17763.1	Kernel Driver	Tr
UmPass	Microsoft UMPass Driver	C:\Windows\system32\drivers\umpass.sys	10.0.17763.1	Kernel Driver	Fa
UrsChipidea	Chipidea USB Role-Switch Driver	C:\Windows\system32\drivers\urschipidea.sys	10.0.17763.1	Kernel Driver	Fa
UrsCx01000	USB Role-Switch Support Library	C:\Windows\system32\drivers\urscx01000.sys	10.0.17763.1	Kernel Driver	Fa
UrsSynopsys	Synopsys USB Role-Switch Driver	C:\Windows\system32\drivers\urssynopsys.sys	10.0.17763.1	Kernel Driver	Fa
usbccgp	Microsoft USB Generic Parent Driver	C:\Windows\system32\drivers\usbccgp.sys	10.0.17763.1554	Kernel Driver	Fa
usbehci	Microsoft USB 2.0 Enhanced Host Controller Miniport Driver	C:\Windows\system32\drivers\usbehci.sys	10.0.17763.1911	Kernel Driver	Tr
usbhub	Microsoft USB Standard Hub Driver	C:\Windows\system32\drivers\usbhub.sys	10.0.17763.1	Kernel Driver	Tr
USBHUB3	SuperSpeed Hub	C:\Windows\system32\drivers\UsbHub3.sys	10.0.17763.1192	Kernel Driver	Tr
usbohci	Microsoft USB Open Host Controller Miniport Driver	C:\Windows\system32\drivers\usbohci.sys	10.0.17763.1	Kernel Driver	Fa
usbprint	Microsoft USB PRINTER Class	C:\Windows\system32\drivers\usbprint.sys	10.0.17763.1	Kernel Driver	Fa
usbser	Microsoft USB Serial Driver	C:\Windows\system32\drivers\usbser.sys	10.0.17763.1	Kernel Driver	Fa
USBSTOR	USB Mass Storage Driver	C:\Windows\system32\drivers\USBSTOR.SYS	10.0.17763.1911	Kernel Driver	Tr
usbuhci	Microsoft USB Universal Host Controller Miniport Driver	C:\Windows\system32\drivers\usbuhci.sys	10.0.17763.1	Kernel Driver	Fa
USBXHCI	USB xHCI Compliant Host Controller	C:\Windows\system32\drivers\USBXHCI.SYS	10.0.17763.1075	Kernel Driver	Tr
vdrvroot	Microsoft Virtual Drive Enumerator	C:\Windows\system32\drivers\vdrvroot.sys	10.0.17763.1	Kernel Driver	Tr
VerifierExt	Driver Verifier Extension	C:\Windows\system32\drivers\VerifierExt.sys	10.0.17763.1	Kernel Driver	Fa
vhdmp	vhdmp	C:\Windows\system32\drivers\vhdmp.sys	10.0.17763.1554	Kernel Driver	Tr
vhdparser	vhdparser	C:\Windows\system32\drivers\vhdparser.sys	10.0.17763.1	Kernel Driver	Tr
vhf	Virtual HID Framework (VHF) Driver	C:\Windows\system32\drivers\vhf.sys	10.0.17763.1	Kernel Driver	Fa
Vid	Vid	C:\Windows\system32\drivers\Vid.sys	10.0.17763.1697	Kernel Driver	Tr
vmbus	Virtual Machine Bus	C:\Windows\system32\drivers\vmbus.sys	10.0.17763.1728	Kernel Driver	Fa
VMBusHID	VMBusHID	C:\Windows\system32\drivers\VMBusHID.sys	10.0.17763.1	Kernel Driver	Fa
vmbusr	Virtual Machine Bus Provider	C:\Windows\system32\drivers\vmbusr.sys	10.0.17763.1911	Kernel Driver	Tr
vmgid	Microsoft Hyper-V Guest Infrastructure Driver	C:\Windows\system32\drivers\vmgid.sys	10.0.17763.1	Kernel Driver	Fa
vmsmp	vmsmp	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.1879	Kernel Driver	Tr
VMSNPXY	VmSwitch NIC Proxy Driver	C:\Windows\system32\drivers\VmsProxyHNic.sys	10.0.17763.1	Kernel Driver	Tr
VMSNPXYMP	VMSNPXYMP	C:\Windows\system32\drivers\VmsProxyHNic.sys	10.0.17763.1	Kernel Driver	Tr
VMSP		C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.1879		Tr

Name	Description	Path	Version	Service Type	St
	VmSwitch Protocol Driver			Kernel Driver	
VmsProxy	VmSwitch Proxy Driver	C:\Windows\system32\drivers\VmsProxy.sys	10.0.17763.1	Kernel Driver	Tr
VMSVSF	VmSwitch Extensibility Filter	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.1879	Kernel Driver	Fa
VMSVSP	VmSwitch Extensibility Protocol	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.1879	Kernel Driver	Fa
volmgr	Volume Manager Driver	C:\Windows\system32\drivers\volmgr.sys	10.0.17763.1879	Kernel Driver	Tr
volmgrx	Dynamic Volume Manager	C:\Windows\system32\drivers\volmgrx.sys	10.0.17763.1	Kernel Driver	Tr
volsnap	Volume Shadow Copy driver	C:\Windows\system32\drivers\volsnap.sys	10.0.17763.831	Kernel Driver	Tr
volume	Volume driver	C:\Windows\system32\drivers\volume.sys	10.0.17763.1	Kernel Driver	Tr
vpci	Microsoft Hyper-V Virtual PCI Bus	C:\Windows\system32\drivers\vpci.sys	10.0.17763.292	Kernel Driver	Fa
vpcivsp	Microsoft Hyper-V PCI Server	C:\Windows\system32\drivers\vpcivsp.sys	10.0.17763.1158	Kernel Driver	Tr
vsmraid	vsmraid	C:\Windows\system32\drivers\vsmraid.sys	7.0.9600.6352	Kernel Driver	Fa
VSTXRAID	VIA StorX Storage RAID Controller Windows Driver	C:\Windows\system32\drivers\vstxraid.sys	8.0.9200.8110	Kernel Driver	Fa
WacomPen	Wacom Serial Pen HID Driver	C:\Windows\system32\drivers\wacompen.sys	10.0.17763.1	Kernel Driver	Fa
wanarp	Remote Access IP ARP Driver	C:\Windows\system32\DRIVERS\wanarp.sys	10.0.17763.1490	Kernel Driver	Tr
wanarpv6	Remote Access IPv6 ARP Driver	C:\Windows\system32\DRIVERS\wanarp.sys	10.0.17763.1490	Kernel Driver	Fa
wcifs	Windows Container Isolation	C:\Windows\system32\drivers\wcifs.sys	10.0.17763.1007	File System Driver	Tr
wcnfs	Windows Container Name Virtualization	C:\Windows\system32\drivers\wcnfs.sys	10.0.17763.194	File System Driver	Fa
Wdf01000	Kernel Mode Driver Frameworks service	C:\Windows\system32\drivers\Wdf01000.sys	1.27.17763.1192	Kernel Driver	Tr
WdmCompanionFilter	WdmCompanionFilter	C:\Windows\system32\drivers\WdmCompanionFilter.sys	10.0.17763.1	Kernel Driver	Fa
WFPLWFS	Microsoft Windows Filtering Platform	C:\Windows\system32\drivers\wfplwfs.sys	10.0.17763.771	Kernel Driver	Tr
WIMMount	WIMMount	C:\Windows\system32\drivers\wimmount.sys	10.0.17763.1	File System Driver	Fa
WindowsTrustedRT	Windows Trusted Execution Environment Class Extension	C:\Windows\system32\drivers\WindowsTrustedRT.sys	10.0.17763.292	Kernel Driver	Tr
WindowsTrustedRTProxy	Microsoft Windows Trusted Runtime Secure Service	C:\Windows\system32\drivers\WindowsTrustedRTProxy.sys	10.0.17763.1	Kernel Driver	Tr
WinMad	WinMad Service	C:\Windows\system32\drivers\winmad.sys	5.50.14643.0	Kernel Driver	Fa
WinNat	Windows NAT Driver	C:\Windows\system32\drivers\winnat.sys	10.0.17763.1817	Kernel Driver	Fa
WinQuic	WinQuic	C:\Windows\system32\drivers\winquic.sys	10.0.17763.404	Kernel Driver	Tr
WINUSB	WinUsb Driver	C:\Windows\system32\drivers\WinUSB.SYS	10.0.17763.1	Kernel Driver	Fa
WinVerbs	WinVerbs Service	C:\Windows\system32\drivers\winverbs.sys	5.50.14643.0	Kernel Driver	Fa
WmiAcpi	Microsoft Windows Management Interface for ACPI	C:\Windows\system32\drivers\wmiacpi.sys	10.0.17763.1	Kernel Driver	Tr
Wof	Windows Overlay File System Filter Driver	C:\Windows\system32\drivers\Wof.sys	10.0.17763.1879	File System Driver	Tr
WpdUpFltr	WPD Upper Class Filter Driver	C:\Windows\system32\drivers\WpdUpFltr.sys	10.0.17763.1	Kernel Driver	Tr
ws2ifsl	Winsock IFS Driver	C:\Windows\system32\drivers\ws2ifsl.sys	10.0.17763.737	Kernel Driver	Fa
WudfPf		C:\Windows\system32\drivers\WudfPf.sys	10.0.17763.1		Fa

Name	Description	Path	Version	Service Type	St
	User Mode Driver Frameworks Platform Driver			Kernel Driver	
WUDFRd	Windows Driver Foundation - User-mode Driver Framework Reflector	C:\Windows\system32\drivers\WUDFRd.sys	10.0.17763.1	Kernel Driver	Tr
WUDFWpdFs	WPD File System driver	C:\Windows\system32\drivers\WUDFRd.sys	10.0.17763.1	Kernel Driver	Tr

HP-SRV2.csaplho.pk

Gathering System Drivers for HP-SRV2.csaplho.pk

Name	Description	Path	Version	Service Type	St
1394ohci	1394 OHCI Compliant Host Controller	C:\Windows\system32\drivers\1394ohci.sys	10.0.17763.1	Kernel Driver	Fa
3ware	3ware	C:\Windows\system32\drivers\3ware.sys	5.1.0.51	Kernel Driver	Fa
ACPI	Microsoft ACPI Driver	C:\Windows\system32\drivers\ACPI.sys	10.0.17763.1852	Kernel Driver	Tr
AcpiDev	ACPI Devices driver	C:\Windows\system32\drivers\AcpiDev.sys	10.0.17763.1	Kernel Driver	Fa
acpiex	Microsoft ACPIEx Driver	C:\Windows\system32\Drivers\acpiex.sys	10.0.17763.1	Kernel Driver	Tr
acpipagr	ACPI Processor Aggregator Driver	C:\Windows\system32\drivers\acpipagr.sys	10.0.17763.1	Kernel Driver	Fa
AcpiPmi	ACPI Power Meter Driver	C:\Windows\system32\drivers\acpipmi.sys	10.0.17763.1	Kernel Driver	Tr
acpitime	ACPI Wake Alarm Driver	C:\Windows\system32\drivers\acpitime.sys	10.0.17763.1	Kernel Driver	Tr
ADP80XX	ADP80XX	C:\Windows\system32\drivers\ADP80XX.SYS	1.3.0.10769	Kernel Driver	Fa
AFD	Ancillary Function Driver for Winsock	C:\Windows\system32\drivers\afd.sys	10.0.17763.1432	Kernel Driver	Tr
afunix	afunix	C:\Windows\system32\drivers\afunix.sys	10.0.17763.1369	Kernel Driver	Tr
ahcache	Application Compatibility Cache	C:\Windows\system32\DRIVERS\ahcache.sys	10.0.17763.1879	Kernel Driver	Tr
AmdK8	AMD K8 Processor Driver	C:\Windows\system32\drivers\amdk8.sys	10.0.17763.1432	Kernel Driver	Fa
AmdPPM	AMD Processor Driver	C:\Windows\system32\drivers\amdppm.sys	10.0.17763.1432	Kernel Driver	Fa
amdsata	amdsata	C:\Windows\system32\drivers\amdsata.sys	1.1.3.277	Kernel Driver	Fa
amdsbs	amdsbs	C:\Windows\system32\drivers\amdsbs.sys	3.7.1540.43	Kernel Driver	Fa
amdxata	amdxata	C:\Windows\system32\drivers\amdxata.sys	1.1.3.277	Kernel Driver	Fa
AppID	AppID Driver	C:\Windows\system32\drivers\appid.sys	10.0.17763.1852	Kernel Driver	Fa
applockerfltr	Smartlocker Filter Driver	C:\Windows\system32\drivers\applockerfltr.sys	10.0.17763.1	Kernel Driver	Fa
AppvStrm	AppvStrm	C:\Windows\system32\drivers\AppvStrm.sys	10.0.17763.1852	File System Driver	Fa
AppvVemgr	AppvVemgr	C:\Windows\system32\drivers\AppvVemgr.sys	10.0.17763.1852	File System Driver	Fa
AppvVfs	AppvVfs	C:\Windows\system32\drivers\AppvVfs.sys	10.0.17763.1852	File System Driver	Fa
arcsas	Adaptec SAS/SATA-II RAID Storport's Miniport Driver	C:\Windows\system32\drivers\arcsas.sys	7.5.0.32048	Kernel Driver	Fa
AsyncMac	RAS Asynchronous Media Driver	C:\Windows\system32\drivers\asyncmac.sys	10.0.17763.1	Kernel Driver	Fa
atapi	IDE Channel	C:\Windows\system32\drivers\atapi.sys	10.0.17763.1	Kernel Driver	Fa
b06bdrv		C:\Windows\system32\drivers\bxvbda.sys	7.12.31.105		Fa

Name	Description	Path	Version	Service Type	St
	QLogic Network Adapter VBD			Kernel Driver	
b57nd60a	Broadcom NetXtreme Gigabit Ethernet - NDIS 6.0	C:\Windows\system32\drivers\b57nd60a.sys	214.0.0.6	Kernel Driver	Fa
bam	Background Activity Moderator Driver	C:\Windows\system32\drivers\bam.sys	10.0.17763.1	Kernel Driver	Tr
BasicDisplay	BasicDisplay	C:\Windows\system32 \DriverStore\FileRepository\basicdisplay.inf_amd64_5103ac179273be89 \BasicDisplay.sys	10.0.17763.1	Kernel Driver	Tr
BasicRender	BasicRender	C:\Windows\system32 \DriverStore\FileRepository\basicrender.inf_amd64_0b8d03c3bc0e7fd9 \BasicRender.sys	10.0.17763.1	Kernel Driver	Tr
bcmfn2	bcmfn2 Service	C:\Windows\system32\drivers\bcmfn2.sys	6.3.9600.17336	Kernel Driver	Fa
Beep	Beep	C:\Windows\system32\drivers\Beep.sys	10.0.17763.1	Kernel Driver	Fa
bfadfcoei	bfadfcoei	C:\Windows\system32\drivers\bfadfcoei.sys	10.0.10060.0	Kernel Driver	Fa
bfadi	bfadi	C:\Windows\system32\drivers\bfadi.sys	10.0.10060.0	Kernel Driver	Fa
bindflt	Windows Bind Filter Driver	C:\Windows\system32\drivers\bindflt.sys	10.0.17763.1911	File System Driver	Fa
bowser	Browser	C:\Windows\system32\DRIVERS\bowser.sys	10.0.17763.1697	File System Driver	Tr
BthEnum	Bluetooth Enumerator Service	C:\Windows\system32\drivers\BthEnum.sys	10.0.17763.194	Kernel Driver	Fa
BthLEEnum	Bluetooth Low Energy Driver	C:\Windows\system32 \drivers\Microsoft.Bluetooth.Legacy.LEEnumerator.sys	10.0.17763.592	Kernel Driver	Fa
BthMini	Bluetooth Radio Driver	C:\Windows\system32\drivers\BTHMINI.sys	10.0.17763.1	Kernel Driver	Fa
BTHPORT	Bluetooth Port Driver	C:\Windows\system32\drivers\BTHport.sys	10.0.17763.1852	Kernel Driver	Fa
BTHUSB	Bluetooth Radio USB Driver	C:\Windows\system32\drivers\BTHUSB.sys	10.0.17763.678	Kernel Driver	Fa
bttflt	Microsoft Hyper-V VHDPMEM BTT Filter	C:\Windows\system32\drivers\bttflt.sys	10.0.17763.1	Kernel Driver	Fa
buttonconverter	Service for Portable Device Control devices	C:\Windows\system32\drivers\buttonconverter.sys	10.0.17763.1	Kernel Driver	Fa
bxfcoe	QLogic FCoE Offload driver	C:\Windows\system32\drivers\bxfcoe.sys	7.14.15.2	Kernel Driver	Fa
bxois	QLogic Offload iSCSI Driver	C:\Windows\system32\drivers\bxois.sys	7.14.7.2	Kernel Driver	Fa
CapImg	HID driver for CapImg touch screen	C:\Windows\system32\drivers\capimg.sys	10.0.17763.1	Kernel Driver	Fa
CCFFilter	Cluster Client Failover Filter	C:\Windows\system32\drivers\CCFFilter.sys	10.0.17763.652	File System Driver	Tr
cdfs	CD/DVD File System Reader	C:\Windows\system32\DRIVERS\cdfs.sys	10.0.17763.379	File System Driver	Fa
cdrom	CD-ROM Driver	C:\Windows\system32\drivers\cdrom.sys	10.0.17763.1	Kernel Driver	Tr
cht4iscsi	cht4iscsi	C:\Windows\system32\drivers\cht4sx64.sys	6.9.12.400	Kernel Driver	Fa
cht4vbd	Chelsio Virtual Bus Driver	C:\Windows\system32\drivers\cht4vx64.sys	6.9.12.400	Kernel Driver	Fa
CldFlt	Windows Cloud Files Filter Driver	C:\Windows\system32\drivers\cldflt.sys	10.0.17763.1728	File System Driver	Tr
CLFS	Common Log (CLFS)	C:\Windows\system32\drivers\CLFS.sys	10.0.17763.1852	Kernel Driver	Tr
clusbflt	Cluster BFlt Driver	C:\Windows\system32\drivers\clusbflt.sys	10.0.17763.1369	Kernel Driver	Tr
ClusDisk	Cluster Disk Driver	C:\Windows\system32\drivers\ClusDisk.sys	10.0.17763.1	Kernel Driver	Tr
clusport	clusport	C:\Windows\system32\drivers\clusport.sys	10.0.17763.1192	Kernel Driver	Tr
CmBatt	Microsoft ACPI Control Method Battery Driver	C:\Windows\system32\drivers\CmBatt.sys	10.0.17763.1	Kernel Driver	Fa
CNG	CNG	C:\Windows\system32\Drivers\cng.sys	10.0.17763.1852		Tr

Name	Description	Path	Version	Service Type	St
				Kernel Driver	
cnghwassist	CNG Hardware Assist algorithm provider	C:\Windows\system32\DRIVERS\cnghwassist.sys	10.0.17763.1	Kernel Driver	Fa
CompositeBus	Composite Bus Enumerator Driver	C:\Windows\system32 \DriverStore\FileRepository\compositebus.inf_amd64_e4d35af746093dc3 \CompositeBus.sys	10.0.17763.1	Kernel Driver	Tr
condrv	Console Driver	C:\Windows\system32\drivers\condrv.sys	10.0.17763.1879	Kernel Driver	Tr
CSC	Offline Files Driver	C:\Windows\system32\drivers\csc.sys	10.0.17763.1697	Kernel Driver	Fa
CsvFlt	CSV Mini-Filter Driver	C:\Windows\system32\drivers\CsvFlt.sys	10.0.17763.529	File System Driver	Tr
CsvFs	Csv File System Driver	C:\Windows\system32\drivers\CsvFs.sys	10.0.17763.1490	File System Driver	Tr
CsvNSFlt	CSV NameSpace Filter Driver	C:\Windows\system32\drivers\CsvNSFlt.sys	10.0.17763.1	File System Driver	Tr
csvvbus	CSV Volume Bus	C:\Windows\system32\drivers\csvvbus.sys	10.0.17763.1490	Kernel Driver	Tr
dam	Desktop Activity Moderator Driver	C:\Windows\system32\drivers\dam.sys	10.0.17763.404	Kernel Driver	Fa
Dfsc	DFS Namespace Client Driver	C:\Windows\system32\Drivers\dfsc.sys	10.0.17763.1	File System Driver	Tr
Disk	Disk Driver	C:\Windows\system32\drivers\disk.sys	10.0.17763.1728	Kernel Driver	Tr
dmvsc	dmvsc	C:\Windows\system32\drivers\dmvsc.sys	10.0.17763.771	Kernel Driver	Fa
drmkaud	Microsoft Trusted Audio Drivers	C:\Windows\system32\drivers\drmkaud.sys	10.0.17763.1	Kernel Driver	Fa
DXGKrnl	LDDM Graphics Subsystem	C:\Windows\system32\drivers\dxgkrnl.sys	10.0.17763.1817	Kernel Driver	Tr
ebdrv	QLogic 10 Gigabit Ethernet Adapter VBD	C:\Windows\system32\drivers\evbda.sys	7.13.65.105	Kernel Driver	Fa
EhStorClass	Enhanced Storage Filter Driver	C:\Windows\system32\drivers\EhStorClass.sys	10.0.17763.1911	Kernel Driver	Fa
EhStorTcgDrv	Microsoft driver for storage devices supporting IEEE 1667 and TCG protocols	C:\Windows\system32\drivers\EhStorTcgDrv.sys	10.0.17763.1	Kernel Driver	Fa
elxfcoe	elxfcoe	C:\Windows\system32\drivers\elxfcoe.sys	11.0.247.8000	Kernel Driver	Fa
elxstor	elxstor	C:\Windows\system32\drivers\elxstor.sys	11.4.225.8009	Kernel Driver	Fa
ErrDev	Microsoft Hardware Error Device Driver	C:\Windows\system32\drivers\errdev.sys	10.0.17763.1	Kernel Driver	Tr
exfat	exFAT File System Driver	C:\Windows\system32\drivers\exfat.sys	10.0.17763.379	File System Driver	Fa
fastfat	FAT12/16/32 File System Driver	C:\Windows\system32\drivers\fastfat.sys	10.0.17763.1518	File System Driver	Tr
fcvsc	fcvsc	C:\Windows\system32\drivers\fcvsc.sys	10.0.17763.771	Kernel Driver	Fa
fdc	Floppy Disk Controller Driver	C:\Windows\system32\drivers\fdc.sys	10.0.17763.1	Kernel Driver	Fa
FileCrypt	FileCrypt	C:\Windows\system32\drivers\filecrypt.sys	10.0.17763.1	File System Driver	Tr
FileInfo	File Information FS MiniFilter	C:\Windows\system32\drivers\fileinfo.sys	10.0.17763.194	File System Driver	Fa
Filetrace	Filetrace	C:\Windows\system32\drivers\filetrace.sys	10.0.17763.1	File System Driver	Fa
flpydisk	Floppy Disk Driver	C:\Windows\system32\drivers\flpydisk.sys	10.0.17763.1	Kernel Driver	Fa
FltMgr	FltMgr	C:\Windows\system32\drivers\fltmgr.sys	10.0.17763.831	File System Driver	Tr

Name	Description	Path	Version	Service Type	St
FsDepends	File System Dependency Minifilter	C:\Windows\system32\drivers\FsDepends.sys	10.0.17763.1879	File System Driver	Tr
gencounter	Microsoft Hyper-V Generation Counter	C:\Windows\system32\drivers\vmgencounter.sys	10.0.17763.1	Kernel Driver	Fa
genericusbfn	Generic USB Function Class	C:\Windows\system32\drivers\genericusbfn.sys	10.0.17763.1	Kernel Driver	Fa
GPIOClx0101	Microsoft GPIO Class Extension Driver	C:\Windows\system32\Drivers\msgpioclx.sys	10.0.17763.107	Kernel Driver	Fa
HDAudBus	Microsoft UAA Bus Driver for High Definition Audio	C:\Windows\system32\drivers\HDAudBus.sys	10.0.17763.1	Kernel Driver	Fa
HidBatt	HID UPS Battery Driver	C:\Windows\system32\drivers\HidBatt.sys	10.0.17763.1	Kernel Driver	Fa
hidinterrupt	Common Driver for HID Buttons implemented with interrupts	C:\Windows\system32\drivers\hidinterrupt.sys	10.0.17763.1	Kernel Driver	Fa
HidUsb	Microsoft HID Class Driver	C:\Windows\system32\drivers\hidusb.sys	10.0.17763.1	Kernel Driver	Fa
HpSAMD	HpSAMD	C:\Windows\system32\drivers\HpSAMD.sys	8.0.4.0	Kernel Driver	Fa
HTTP	HTTP Service	C:\Windows\system32\drivers\HTTP.sys	10.0.17763.1911	Kernel Driver	Tr
hvcrash	hvcrash	C:\Windows\system32\drivers\hvcrash.sys	10.0.17763.1	Kernel Driver	Fa
hvservice	Hypervisor/Virtual Machine Support Driver	C:\Windows\system32\drivers\hvservice.sys	10.0.17763.864	Kernel Driver	Tr
hvsocketcontrol	hvsocketcontrol	C:\Windows\system32\drivers\hvsocketcontrol.sys	10.0.17763.1	Kernel Driver	Tr
HwNClx0101	Microsoft Hardware Notifications Class Extension Driver	C:\Windows\system32\Drivers\mshwnclx.sys	10.0.17763.1	Kernel Driver	Fa
hwpolicy	Hardware Policy Driver	C:\Windows\system32\drivers\hwpolicy.sys	10.0.17763.1131	Kernel Driver	Fa
hyperkbd	hyperkbd	C:\Windows\system32\drivers\hyperkbd.sys	10.0.17763.1	Kernel Driver	Fa
HyperVideo	HyperVideo	C:\Windows\system32\drivers\HyperVideo.sys	10.0.17763.1	Kernel Driver	Fa
i8042prt	i8042 Keyboard and PS/2 Mouse Port Driver	C:\Windows\system32\drivers\i8042prt.sys	10.0.17763.1	Kernel Driver	Fa
iaLPSSi_GPIO	Intel(R) Serial IO GPIO Controller Driver	C:\Windows\system32\drivers\iaLPSSi_GPIO.sys	1.1.250.0	Kernel Driver	Fa
iaLPSSi_I2C	Intel(R) Serial IO I2C Controller Driver	C:\Windows\system32\drivers\iaLPSSi_I2C.sys	1.1.253.0	Kernel Driver	Fa
iaStorAVC	Intel Chipset SATA RAID Controller	C:\Windows\system32\drivers\iaStorAVC.sys	15.44.0.1010	Kernel Driver	Fa
iaStorV	Intel RAID Controller Windows 7	C:\Windows\system32\drivers\iaStorV.sys	8.6.2.1019	Kernel Driver	Fa
ibbus	Mellanox InfiniBand Bus/AL (Filter Driver)	C:\Windows\system32\drivers\ibbus.sys	5.50.14643.0	Kernel Driver	Fa
IndirectKmd	Indirect Displays Kernel-Mode Driver	C:\Windows\system32\drivers\IndirectKmd.sys	10.0.17763.1	Kernel Driver	Fa
intelide	intelide	C:\Windows\system32\drivers\intelide.sys	10.0.17763.1	Kernel Driver	Fa
intelpep	Intel(R) Power Engine Plug-in Driver	C:\Windows\system32\drivers\intelpep.sys	10.0.17763.503	Kernel Driver	Tr
intelppm	Intel Processor Driver	C:\Windows\system32\drivers\intelppm.sys	10.0.17763.1432	Kernel Driver	Tr
IpFilterDriver	IP Traffic Filter Driver	C:\Windows\system32\DRIVERS\ipfltdrv.sys	10.0.17763.1	Kernel Driver	Fa
IPMIDRV	IPMIDRV	C:\Windows\system32\drivers\IPMIDrv.sys	10.0.17763.1	Kernel Driver	Tr
IPNAT	IP Network Address Translator	C:\Windows\system32\drivers\ipnat.sys	10.0.17763.1	Kernel Driver	Fa
IPsecGW	Windows IPsec Gateway Driver	C:\Windows\system32\drivers\ipsecgw.sys	10.0.17763.1	Kernel Driver	Fa
IPT	IPT	C:\Windows\system32\drivers\ipt.sys	10.0.17763.1	Kernel Driver	Fa
isapnp	isapnp	C:\Windows\system32\drivers\isapnp.sys	10.0.17763.1	Kernel Driver	Fa
iScsiPrt	iScsiPort Driver	C:\Windows\system32\drivers\msiscsi.sys	10.0.17763.1728	Kernel Driver	Fa
ItSas35i	ItSas35i	C:\Windows\system32\drivers\ItSas35i.sys	2.60.59.80		Fa

Name	Description	Path	Version	Service Type	St
				Kernel Driver	
kbdclass	Keyboard Class Driver	C:\Windows\system32\drivers\kbdclass.sys	10.0.17763.1	Kernel Driver	Tr
kbdhid	Keyboard HID Driver	C:\Windows\system32\drivers\kbdhid.sys	10.0.17763.348	Kernel Driver	Fa
kdnic	Microsoft Kernel Debug Network Miniport (NDIS 6.20)	C:\Windows\system32\drivers\kdnic.sys	6.1.0.0	Kernel Driver	Tr
klbackupdisk	Kaspersky Lab klbackupdisk	C:\Windows\system32\DRIVERS\klbackupdisk.sys	30.733.1.120	Kernel Driver	Tr
klbackupflt	Kaspersky Lab klbackupflt	C:\Windows\system32\DRIVERS\klbackupflt.sys	30.733.1.120	File System Driver	Tr
klelam	klelam	C:\Windows\system32\DRIVERS\klelam.sys	18.0.26.0	Kernel Driver	Fa
klflt	Kaspersky Lab Kernel DLL	C:\Windows\system32\DRIVERS\klflt.sys	30.733.1.120	Kernel Driver	Tr
klgse	Kaspersky Lab Security Extender Driver	C:\Windows\system32\DRIVERS\klgse.sys	51.1.90.0	File System Driver	Tr
klhk	Kaspersky Lab service driver	C:\Windows\system32\DRIVERS\klhk.sys	51.1.86.0	Kernel Driver	Tr
klids	klids	\??\C:\ProgramData\Kaspersky Lab\KES\Bases\klids.sys	10.2.0.123	Kernel Driver	Fa
KLIF	Kaspersky Lab Driver	C:\Windows\system32\DRIVERS\klif.sys	30.733.1.120	File System Driver	Tr
klim6	Kaspersky Anti-Virus NDIS 6 Filter	C:\Windows\system32\DRIVERS\klim6.sys	30.733.1.120	Kernel Driver	Tr
klpd	Kaspersky Lab format recognizer driver	C:\Windows\system32\DRIVERS\klpd.sys	30.733.1.120	File System Driver	Tr
klpnpflt	Kaspersky Lab klpnpflt	C:\Windows\system32\DRIVERS\klpnpflt.sys	30.733.1.120	Kernel Driver	Fa
klupd_klif_arkmon	klupd_klif_arkmon	C:\Windows\system32\DRIVERS\klupd_klif_arkmon.sys	2.11.3.0	Kernel Driver	Tr
klupd_KLIF_klark	klupd_KLIF_klark	C:\Windows\system32\Drivers\klupd_KLIF_klark.sys	4.7.3.0	Kernel Driver	Tr
klupd_KLIF_klbg	klupd_KLIF_klbg	C:\Windows\system32\Drivers\klupd_KLIF_klbg.sys	11.11.3.0	Kernel Driver	Tr
klupd_KLIF_mark	klupd_KLIF_mark	C:\Windows\system32\Drivers\klupd_KLIF_mark.sys	6.6.3.0	Kernel Driver	Tr
klupd_KLIF_swmon	klupd_KLIF_swmon	C:\Windows\system32\Drivers\klupd_KLIF_swmon.sys	1.11.2.0	Kernel Driver	Tr
klwfp	klwfp	C:\Windows\system32\DRIVERS\klwfp.sys	30.733.1.120	Kernel Driver	Tr
klwtp	KLwtp - WFP callout traffic inspector	C:\Windows\system32\DRIVERS\klwtp.sys	30.733.1.120	Kernel Driver	Tr
kneps	kneps	C:\Windows\system32\DRIVERS\kneps.sys	30.733.1.120	Kernel Driver	Tr
KSecDD	KSecDD	C:\Windows\system32\Drivers\ksecdd.sys	10.0.17763.1432	Kernel Driver	Tr
KSecPkg	KSecPkg	C:\Windows\system32\Drivers\ksecpkg.sys	10.0.17763.503	Kernel Driver	Tr
ksthunk	Kernel Streaming Thunks	C:\Windows\system32\drivers\ksthunk.sys	10.0.17763.1	Kernel Driver	Fa
lltdio	Link-Layer Topology Discovery Mapper I/O Driver	C:\Windows\system32\drivers\lltdio.sys	10.0.17763.1	Kernel Driver	Tr
LSI_SAS	LSI_SAS	C:\Windows\system32\drivers\lsi_sas.sys	1.34.3.83	Kernel Driver	Fa
LSI_SAS2i	LSI_SAS2i	C:\Windows\system32\drivers\lsi_sas2i.sys	2.0.79.82	Kernel Driver	Fa
LSI_SAS3i	LSI_SAS3i	C:\Windows\system32\drivers\lsi_sas3i.sys	2.51.24.80	Kernel Driver	Fa
LSI_SSS	LSI_SSS	C:\Windows\system32\drivers\lsi_sss.sys	2.10.61.81	Kernel Driver	Fa
luafv	UAC File Virtualization	C:\Windows\system32\drivers\luafv.sys	10.0.17763.1817	File System Driver	Tr
lunparser	LUN Parser	C:\Windows\system32\drivers\lunparser.sys	10.0.17763.1	Kernel Driver	Fa

Name	Description	Path	Version	Service Type	St
mausbhost	MA-USB Host Controller Driver	C:\Windows\system32\drivers\mausbhost.sys	10.0.17763.1	Kernel Driver	Fa
mausbip	MA-USB IP Filter Driver	C:\Windows\system32\drivers\mausbip.sys	10.0.17763.1	Kernel Driver	Fa
megasas	megasas	C:\Windows\system32\drivers\megasas.sys	6.706.6.0	Kernel Driver	Fa
megasas2i	megasas2i	C:\Windows\system32\drivers\MegaSas2i.sys	6.714.5.0	Kernel Driver	Fa
megasas35i	megasas35i	C:\Windows\system32\drivers\megasas35i.sys	7.705.8.0	Kernel Driver	Fa
megasr	megasr	C:\Windows\system32\drivers\megasr.sys	15.2.2013.129	Kernel Driver	Fa
Microsoft_Bluetooth_AvrcpTransport	Microsoft Bluetooth Avrcp Transport Driver	C:\Windows\system32\drivers\Microsoft.Bluetooth.AvrcpTransport.sys	10.0.17763.1	Kernel Driver	Fa
mlx4_bus	Mellanox ConnectX Bus Enumerator	C:\Windows\system32\drivers\mlx4_bus.sys	5.50.14643.0	Kernel Driver	Fa
MMCSS	Multimedia Class Scheduler	C:\Windows\system32\drivers\mmcss.sys	10.0.17763.194	Kernel Driver	Tr
Modem	Modem	C:\Windows\system32\drivers\modem.sys	10.0.17763.1697	Kernel Driver	Fa
monitor	Microsoft Monitor Class Function Driver Service	C:\Windows\system32\drivers\monitor.sys	10.0.17763.771	Kernel Driver	Fa
mouclass	Mouse Class Driver	C:\Windows\system32\drivers\mouclass.sys	10.0.17763.1	Kernel Driver	Tr
mouhid	Mouse HID Driver	C:\Windows\system32\drivers\mouhid.sys	10.0.17763.1	Kernel Driver	Fa
mountmgr	Mount Point Manager	C:\Windows\system32\drivers\mountmgr.sys	10.0.17763.831	Kernel Driver	Tr
mpio	Microsoft Multi-Path Bus Driver	C:\Windows\system32\drivers\mpio.sys	10.0.17763.1554	Kernel Driver	Tr
mpsdrv	Windows Defender Firewall Authorization Driver	C:\Windows\system32\drivers\mpsdrv.sys	10.0.17763.404	Kernel Driver	Tr
mrxsmb	SMB MiniRedirector Wrapper and Engine	C:\Windows\system32\DRIVERS\mrxsmb.sys	10.0.17763.1369	File System Driver	Tr
mrxsmb20	SMB 2.0 MiniRedirector	C:\Windows\system32\DRIVERS\mrxsmb20.sys	10.0.17763.1432	File System Driver	Tr
MsBridge	Microsoft MAC Bridge	C:\Windows\system32\drivers\bridge.sys	10.0.17763.379	Kernel Driver	Fa
msdsm	Microsoft Multi-Path Device Specific Module	C:\Windows\system32\drivers\msdsm.sys	10.0.17763.652	Kernel Driver	Tr
Msfs	Msfs	C:\Windows\system32\drivers\Msfs.sys	10.0.17763.771	File System Driver	Tr
msgpiowin32	Common Driver for Buttons, DockMode and Laptop/Slate Indicator	C:\Windows\system32\drivers\msgpiowin32.sys	10.0.17763.1	Kernel Driver	Fa
mshidkmdf	Pass-through HID to KMDF Filter Driver	C:\Windows\system32\drivers\mshidkmdf.sys	10.0.17763.1	Kernel Driver	Fa
mshidumdf	Pass-through HID to UMDF Driver	C:\Windows\system32\drivers\mshidumdf.sys	10.0.17763.1	Kernel Driver	Fa
msisadrv	msisadrv	C:\Windows\system32\drivers\msisadrv.sys	10.0.17763.771	Kernel Driver	Tr
MSKSSRV	Microsoft Streaming Service Proxy	C:\Windows\system32\drivers\MSKSSRV.sys	10.0.17763.1	Kernel Driver	Fa
MsLbfoProvider	Microsoft Load Balancing/Failover Provider	C:\Windows\system32\drivers\MsLbfoProvider.sys	10.0.17763.1	Kernel Driver	Tr
MsLldp	Microsoft Link-Layer Discovery Protocol	C:\Windows\system32\drivers\mslldp.sys	10.0.17763.1	Kernel Driver	Tr
MSPCLOCK	Microsoft Streaming Clock Proxy	C:\Windows\system32\drivers\MSPCLOCK.sys	10.0.17763.1	Kernel Driver	Fa
MSPQM	Microsoft Streaming Quality Manager Proxy	C:\Windows\system32\drivers\MSPQM.sys	10.0.17763.1	Kernel Driver	Fa
MsRPC	MsRPC	C:\Windows\system32\drivers\MsRPC.sys	10.0.17763.1879	Kernel Driver	Fa
MsSecFlt	Microsoft Security Events Component Minifilter	C:\Windows\system32\drivers\mssecflt.sys	10.0.17763.1852	Kernel Driver	Tr
mssmbios		C:\Windows\system32\drivers\mssmbios.sys	10.0.17763.1	Kernel Driver	Tr

Name	Description	Path	Version	Service Type	St
	Microsoft System Management BIOS Driver				
MSTEE	Microsoft Streaming Tee/Sink-to-Sink Converter	C:\Windows\system32\drivers\MSTEE.sys	10.0.17763.1	Kernel Driver	Fa
MTConfig	Microsoft Input Configuration Driver	C:\Windows\system32\drivers\MTConfig.sys	10.0.17763.1	Kernel Driver	Fa
Mup	Mup	C:\Windows\system32\Drivers\mup.sys	10.0.17763.1	File System Driver	Tr
mvumis	mvumis	C:\Windows\system32\drivers\mvumis.sys	1.0.5.1016	Kernel Driver	Fa
MxG2hDO64	MxG2hDO64	C:\Windows\system32\DRIVERS\MxG2hDO64.sys	9.15.1.224	Kernel Driver	Tr
ndfltr	NetworkDirect Service	C:\Windows\system32\drivers\ndfltr.sys	5.50.14643.0	Kernel Driver	Fa
NDIS	NDIS System Driver	C:\Windows\system32\drivers\ndis.sys	10.0.17763.1852	Kernel Driver	Tr
NdisCap	Microsoft NDIS Capture	C:\Windows\system32\drivers\ndiscap.sys	10.0.17763.1	Kernel Driver	Fa
NdisImPlatform	Microsoft Network Adapter Multiplexor Protocol	C:\Windows\system32\drivers\NdisImPlatform.sys	10.0.17763.1	Kernel Driver	Tr
NdisImPlatformMp	Microsoft Network Adapter Multiplexor Driver	C:\Windows\system32\drivers\NdisImPlatform.sys	10.0.17763.1	Kernel Driver	Tr
NdisTapi	Remote Access NDIS TAPI Driver	C:\Windows\system32\DRIVERS\ndistapi.sys	10.0.17763.1	Kernel Driver	Tr
Ndisuio	NDIS Usermode I/O Protocol	C:\Windows\system32\drivers\ndisuio.sys	10.0.17763.1	Kernel Driver	Fa
NdisVirtualBus	Microsoft Virtual Network Adapter Enumerator	C:\Windows\system32\drivers\NdisVirtualBus.sys	10.0.17763.1	Kernel Driver	Tr
NdisWan	Remote Access NDIS WAN Driver	C:\Windows\system32\drivers\ndiswan.sys	10.0.17763.1098	Kernel Driver	Tr
ndiswanlegacy	Remote Access LEGACY NDIS WAN Driver	C:\Windows\system32\DRIVERS\ndiswan.sys	10.0.17763.1098	Kernel Driver	Fa
ndproxy	NDIS Proxy Driver	C:\Windows\system32\DRIVERS\NDProxy.sys	10.0.17763.652	Kernel Driver	Tr
nechesasr	iLO 5 ASR Driver	C:\Windows\system32\drivers\nechesasr.sys	4.7.1.0	Kernel Driver	Tr
necheschif	iLO 5 CHIF Driver	C:\Windows\system32\drivers\necheschif.sys	4.7.1.0	Kernel Driver	Tr
NetAdapterCx	Network Adapter Wdf Class Extension Library	C:\Windows\system32\drivers\NetAdapterCx.sys	10.0.17763.1	Kernel Driver	Fa
NetBIOS	NetBIOS Interface	C:\Windows\system32\drivers\netbios.sys	10.0.17763.1	File System Driver	Tr
NetBT	NetBT	C:\Windows\system32\DRIVERS\netbt.sys	10.0.17763.1518	Kernel Driver	Tr
Netft	Cluster Virtual Miniport Driver	C:\Windows\system32\drivers\netft.sys	10.0.17763.1852	Kernel Driver	Tr
netvsc	netvsc	C:\Windows\system32\drivers\netvsc.sys	10.0.17763.1879	Kernel Driver	Fa
Npfs	Npfs	C:\Windows\system32\drivers\Npfs.sys	10.0.17763.831	File System Driver	Tr
npsvctrig	Named pipe service trigger provider	C:\Windows\system32\drivers\npsvctrig.sys	10.0.17763.1	Kernel Driver	Tr
nsiproxy	NSI Proxy Service Driver	C:\Windows\system32\drivers\nsiproxy.sys	10.0.17763.1	Kernel Driver	Tr
Ntfs	Ntfs	C:\Windows\system32\drivers\Ntfs.sys	10.0.17763.1911	File System Driver	Tr
Null	Null	C:\Windows\system32\drivers\Null.sys	10.0.17763.1	Kernel Driver	Tr
nvdimm	Microsoft NVDIMM device driver	C:\Windows\system32\drivers\nvdimm.sys	10.0.17763.1432	Kernel Driver	Fa
nvraid	nvraid	C:\Windows\system32\drivers\nvraid.sys	10.6.0.23	Kernel Driver	Fa
nvstor	nvstor	C:\Windows\system32\drivers\nvstor.sys	10.6.0.23		Fa

Name	Description	Path	Version	Service Type	St
				Kernel Driver	
Parport	Parallel port driver	C:\Windows\system32\drivers\parport.sys	10.0.17763.1	Kernel Driver	Fa
partmgr	Partition driver	C:\Windows\system32\drivers\partmgr.sys	10.0.17763.1728	Kernel Driver	Tr
passthruparser	PassthroughParser	C:\Windows\system32\drivers\passthruparser.sys	10.0.17763.1	Kernel Driver	Tr
pci	PCI Bus Driver	C:\Windows\system32\drivers\pci.sys	10.0.17763.1852	Kernel Driver	Tr
pciide	pciide	C:\Windows\system32\drivers\pciide.sys	10.0.17763.1	Kernel Driver	Fa
pcip	PCI Proxy driver	C:\Windows\system32\drivers\pcip.sys	10.0.17763.1	Kernel Driver	Fa
pcmcia	pcmcia	C:\Windows\system32\drivers\pcmcia.sys	10.0.17763.1	Kernel Driver	Fa
pcw	Performance Counters for Windows Driver	C:\Windows\system32\drivers\pcw.sys	10.0.17763.1	Kernel Driver	Tr
pdc	pdc	C:\Windows\system32\drivers\pdc.sys	10.0.17763.404	Kernel Driver	Tr
PEAUTH	PEAUTH	C:\Windows\system32\drivers\peauth.sys	10.0.17763.1852	Kernel Driver	Tr
percsas2i	percsas2i	C:\Windows\system32\drivers\percsas2i.sys	6.805.3.0	Kernel Driver	Fa
percsas3i	percsas3i	C:\Windows\system32\drivers\percsas3i.sys	6.604.6.0	Kernel Driver	Fa
PktMon	Packet Monitor Driver	C:\Windows\system32\drivers\PktMon.sys	10.0.17763.1879	Kernel Driver	Fa
pmem	Microsoft persistent memory disk driver	C:\Windows\system32\drivers\pmem.sys	10.0.17763.652	Kernel Driver	Fa
PNPMEM	Microsoft Memory Module Driver	C:\Windows\system32\drivers\pnpmem.sys	10.0.17763.1	Kernel Driver	Fa
PptpMiniport	WAN Miniport (PPTP)	C:\Windows\system32\drivers\raspptp.sys	10.0.17763.1	Kernel Driver	Tr
Processor	Processor Driver	C:\Windows\system32\drivers\processr.sys	10.0.17763.1432	Kernel Driver	Fa
Psched	QoS Packet Scheduler	C:\Windows\system32\drivers\pacer.sys	10.0.17763.1397	Kernel Driver	Tr
pvhdparser	pvhdparser	C:\Windows\system32\drivers\pvhdparser.sys	10.0.17763.1554	Kernel Driver	Fa
q57nd60a	HP NC329a 4-port Ethernet Server Adapter	C:\Windows\system32\drivers\b57nd60a.sys	214.0.0.6	Kernel Driver	Tr
qebdrv	QLogic FastLinQ Ethernet VBD	C:\Windows\system32\drivers\qevbda.sys	8.33.20.103	Kernel Driver	Fa
qefcoe	QLogic FCoE driver	C:\Windows\system32\drivers\qefcoe.sys	8.33.4.2	Kernel Driver	Fa
qeois	QLogic 40G iSCSI Driver	C:\Windows\system32\drivers\qeois.sys	8.33.5.2	Kernel Driver	Fa
ql2300	QLogic Fibre Channel STOR Miniport Driver (wx64)	C:\Windows\system32\drivers\ql2300.sys	9.4.2.20	Kernel Driver	Tr
ql2300i	QLogic Fibre Channel STOR Miniport Inbox Driver (wx64)	C:\Windows\system32\drivers\ql2300i.sys	9.1.15.1	Kernel Driver	Fa
ql40xx2i	QLogic iSCSI Miniport Inbox Driver	C:\Windows\system32\drivers\ql40xx2i.sys	2.1.5.0	Kernel Driver	Fa
qlfcoei	QLogic [FCoE] STOR Miniport Inbox Driver (wx64)	C:\Windows\system32\drivers\qlfcoei.sys	9.1.11.3	Kernel Driver	Fa
QWAVEdrv	QWAVE driver	C:\Windows\system32\drivers\qwavedrv.sys	10.0.17763.1	Kernel Driver	Fa
Ramdisk	Windows RAM Disk Driver	C:\Windows\system32\DRIVERS\ramdisk.sys	10.0.17763.1	Kernel Driver	Fa
ramparser	ramparser	C:\Windows\system32\drivers\ramparser.sys	10.0.17763.1	Kernel Driver	Fa
RasAcd	Remote Access Auto Connection Driver	C:\Windows\system32\DRIVERS\rasacd.sys	10.0.17763.1	Kernel Driver	Fa
RasAgileVpn	WAN Miniport (IKEv2)	C:\Windows\system32\drivers\AgileVpn.sys	10.0.17763.1790	Kernel Driver	Tr
RasGre	WAN Miniport (GRE)	C:\Windows\system32\drivers\rasgre.sys	10.0.17763.1	Kernel Driver	Tr
Rasl2tp	WAN Miniport (L2TP)	C:\Windows\system32\drivers\rasl2tp.sys	10.0.17763.1	Kernel Driver	Tr

Name	Description	Path	Version	Service Type	St
RasPppoe	Remote Access PPPOE Driver	C:\Windows\system32\DRIVERS\raspppoe.sys	10.0.17763.1	Kernel Driver	Tr
RasSstp	WAN Miniport (SSTP)	C:\Windows\system32\drivers\rassstp.sys	10.0.17763.1	Kernel Driver	Tr
rdbss	Redirected Buffering Sub System	C:\Windows\system32\DRIVERS\rdbss.sys	10.0.17763.1369	File System Driver	Tr
rdpbus	Remote Desktop Device Redirector Bus Driver	C:\Windows\system32\drivers\rdpbus.sys	10.0.17763.1	Kernel Driver	Tr
RDPDR	Remote Desktop Device Redirector Driver	C:\Windows\system32\drivers\rdpdr.sys	10.0.17763.652	Kernel Driver	Tr
RdpVideoMiniport	Remote Desktop Video Miniport Driver	C:\Windows\system32\drivers\rdpvideominiport.sys	10.0.17763.1	Kernel Driver	Tr
ReFS	ReFS	C:\Windows\system32\drivers\ReFS.sys	10.0.17763.1728	File System Driver	Fa
ReFSv1	ReFSv1	C:\Windows\system32\drivers\ReFSv1.sys	10.0.17763.404	File System Driver	Fa
ResumeKeyFilter	Resume Key Filter	C:\Windows\system32\drivers\ResumeKeyFilter.sys	10.0.17763.1	File System Driver	Tr
RFCOMM	Bluetooth Device (RFCOMM Protocol TDI)	C:\Windows\system32\drivers\rfcomm.sys	10.0.17763.1	Kernel Driver	Fa
rhproxy	Resource Hub proxy driver	C:\Windows\system32\drivers\rhproxy.sys	10.0.17763.1	Kernel Driver	Fa
rspndr	Link-Layer Topology Discovery Responder	C:\Windows\system32\drivers\rspndr.sys	10.0.17763.1	Kernel Driver	Tr
s3cap	s3cap	C:\Windows\system32\drivers\vms3cap.sys	10.0.17763.1	Kernel Driver	Fa
sacdrv	sacdrv	C:\Windows\system32\DRIVERS\sacdrv.sys	10.0.17763.1	Kernel Driver	Fa
sbp2port	SBP-2 Transport/Protocol Bus Driver	C:\Windows\system32\drivers\sbp2port.sys	10.0.17763.1911	Kernel Driver	Fa
scfilter	Smart card PnP Class Filter Driver	C:\Windows\system32\DRIVERS\scfilter.sys	10.0.17763.1	Kernel Driver	Fa
scmbus	Microsoft Storage Class Memory Bus Driver	C:\Windows\system32\drivers\scmbus.sys	10.0.17763.1432	Kernel Driver	Fa
sdbus	sdbus	C:\Windows\system32\drivers\sdbus.sys	10.0.17763.1613	Kernel Driver	Fa
SDFRd	SDF Reflector	C:\Windows\system32\drivers\SDFRd.sys	10.0.17763.1	Kernel Driver	Fa
sdstor	SD Storage Port Driver	C:\Windows\system32\drivers\sdstor.sys	10.0.17763.1911	Kernel Driver	Fa
SerCx	Serial UART Support Library	C:\Windows\system32\drivers\SerCx.sys	10.0.17763.1	Kernel Driver	Fa
SerCx2	Serial UART Support Library	C:\Windows\system32\drivers\SerCx2.sys	10.0.17763.1	Kernel Driver	Fa
Serenum	Serenum Filter Driver	C:\Windows\system32\drivers\serenum.sys	10.0.17763.1	Kernel Driver	Tr
Serial	Serial port driver	C:\Windows\system32\drivers\serial.sys	10.0.17763.1	Kernel Driver	Tr
sermouse	Serial Mouse Driver	C:\Windows\system32\drivers\sermouse.sys	10.0.17763.1	Kernel Driver	Fa
sfloppy	High-Capacity Floppy Disk Drive	C:\Windows\system32\drivers\sfloppy.sys	10.0.17763.1131	Kernel Driver	Fa
SgrmAgent	System Guard Runtime Monitor Agent	C:\Windows\system32\drivers\SgrmAgent.sys	10.0.17763.1	Kernel Driver	Tr
SiSRaid2	SiSRaid2	C:\Windows\system32\drivers\SiSRaid2.sys	5.1.1039.2600	Kernel Driver	Fa
SiSRaid4	SiSRaid4	C:\Windows\system32\drivers\sisraid4.sys	5.1.1039.3600	Kernel Driver	Fa
SmartPqi	SmartPqi	C:\Windows\system32\drivers\SmartPqi.sys	106.278.0.1043	Kernel Driver	Tr
SmartSAMD	SmartSAMD	C:\Windows\system32\drivers\SmartSAMD.sys	1.50.0.0	Kernel Driver	Fa
smbdirect	smbdirect	C:\Windows\system32\DRIVERS\smbdirect.sys	10.0.17763.1	File System Driver	Fa
spaceport	Storage Spaces Driver	C:\Windows\system32\drivers\spaceport.sys	10.0.17763.1911	Kernel Driver	Tr

Name	Description	Path	Version	Service Type	St
SpbCx	Simple Peripheral Bus Support Library	C:\Windows\system32\drivers\SpbCx.sys	10.0.17763.1	Kernel Driver	Fa
srv2	Server SMB 2.xxx Driver	C:\Windows\system32\DRIVERS\srv2.sys	10.0.17763.1879	File System Driver	Tr
srvnet	srvnet	C:\Windows\system32\DRIVERS\srvnet.sys	10.0.17763.1075	File System Driver	Tr
stexstor	stexstor	C:\Windows\system32\drivers\stexstor.sys	5.1.0.10	Kernel Driver	Fa
storahci	Microsoft Standard SATA AHCI Driver	C:\Windows\system32\drivers\storahci.sys	10.0.17763.1911	Kernel Driver	Fa
storflt	Microsoft Hyper-V Storage Accelerator	C:\Windows\system32\drivers\vmstorfl.sys	10.0.17763.1911	Kernel Driver	Fa
stornvme	Microsoft Standard NVM Express Driver	C:\Windows\system32\drivers\stornvme.sys	10.0.17763.1432	Kernel Driver	Fa
storqosflt	Storage QoS Filter Driver	C:\Windows\system32\drivers\storqosflt.sys	10.0.17763.348	File System Driver	Tr
storufs	Microsoft Universal Flash Storage (UFS) Driver	C:\Windows\system32\drivers\storufs.sys	10.0.17763.1613	Kernel Driver	Fa
storvsc	storvsc	C:\Windows\system32\drivers\storvsc.sys	10.0.17763.771	Kernel Driver	Fa
storvsp	storvsp	C:\Windows\system32\drivers\storvsp.sys	10.0.17763.1518	Kernel Driver	Tr
svhdxflt	Shared VHDX File Access Filter Driver	C:\Windows\system32\drivers\svhdxflt.sys	10.0.17763.1879	File System Driver	Tr
swenum	Software Bus Driver	C:\Windows\system32 \DriverStore\FileRepository\swenum.inf_amd64_31f554b660026323 \swenum.sys	10.0.17763.1	Kernel Driver	Tr
Synth3dVsc	Synth3dVsc	C:\Windows\system32\drivers\Synth3dVsc.sys	10.0.17763.1879	Kernel Driver	Fa
Tcpip	TCP/IP Protocol Driver	C:\Windows\system32\drivers\tcpip.sys	10.0.17763.1911	Kernel Driver	Tr
Tcpip6	@todo.dll,-100;Microsoft IPv6 Protocol Driver	C:\Windows\system32\drivers\tcpip.sys	10.0.17763.1911	Kernel Driver	Fa
tcpipreg	TCP/IP Registry Compatibility	C:\Windows\system32\drivers\tcpipreg.sys	10.0.17763.1	Kernel Driver	Tr
tdx	NetIO Legacy TDI Support Driver	C:\Windows\system32\DRIVERS\tdx.sys	10.0.17763.1	Kernel Driver	Tr
terminpt	Microsoft Remote Desktop Input Driver	C:\Windows\system32\drivers\terminpt.sys	10.0.17763.1	Kernel Driver	Tr
TPM	TPM	C:\Windows\system32\drivers\tpm.sys	10.0.17763.1697	Kernel Driver	Fa
TsUsbFlt	Remote Desktop USB Hub Class Filter Driver	C:\Windows\system32\drivers\tsusbflt.sys	10.0.17763.1	Kernel Driver	Fa
TsUsbGD	Remote Desktop Generic USB Device	C:\Windows\system32\drivers\TsUsbGD.sys	10.0.17763.1	Kernel Driver	Fa
tsusbhub	Remote Desktop USB Hub	C:\Windows\system32\drivers\tsusbhub.sys	10.0.17763.973	Kernel Driver	Fa
tunnel	Microsoft Tunnel Miniport Adapter Driver	C:\Windows\system32\drivers\tunnel.sys	10.0.17763.864	Kernel Driver	Fa
UASPStor	USB Attached SCSI (UAS) Driver	C:\Windows\system32\drivers\uaspstor.sys	10.0.17763.1	Kernel Driver	Fa
UcmCx0101	USB Connector Manager KMDF Class Extension	C:\Windows\system32\Drivers\UcmCx.sys	10.0.17763.1	Kernel Driver	Fa
UcmTcpciCx0101	UCM-TCPCI KMDF Class Extension	C:\Windows\system32\Drivers\UcmTcpciCx.sys	10.0.17763.1	Kernel Driver	Fa
UcmUcsi	USB Connector Manager UCSI Client	C:\Windows\system32\drivers\UcmUcsi.sys	10.0.17763.1	Kernel Driver	Fa
UcmUcsiAcpiClient	UCM-UCSI ACPI Client	C:\Windows\system32\drivers\UcmUcsiAcpiClient.sys	10.0.17763.719	Kernel Driver	Fa
UcmUcsiCx0101	UCM-UCSI KMDF Class Extension	C:\Windows\system32\Drivers\UcmUcsiCx.sys	10.0.17763.737	Kernel Driver	Fa
Ucx01000	USB Host Support Library	C:\Windows\system32\drivers\ucx01000.sys	10.0.17763.1	Kernel Driver	Tr
UdeCx	USB Device Emulation Support Library	C:\Windows\system32\drivers\udecx.sys	10.0.17763.1	Kernel Driver	Fa
udfs	udfs	C:\Windows\system32\DRIVERS\udfs.sys	10.0.17763.379	File System Driver	Tr

Name	Description	Path	Version	Service Type	St
UEFI	Microsoft UEFI Driver	C:\Windows\system32\drivers\UEFI.sys	10.0.17763.652	Kernel Driver	Fa
UevAgentDriver	UevAgentDriver	C:\Windows\system32\drivers\UevAgentDriver.sys	10.0.17763.1	File System Driver	Fa
Ufx01000	USB Function Class Extension	C:\Windows\system32\drivers\ufx01000.sys	10.0.17763.1728	Kernel Driver	Fa
UfxChipidea	USB Chipidea Controller	C:\Windows\system32\drivers\UfxChipidea.sys	10.0.17763.1	Kernel Driver	Fa
ufxsynopsys	USB Synopsys Controller	C:\Windows\system32\drivers\ufxsynopsys.sys	10.0.17763.1728	Kernel Driver	Fa
umbus	UMBus Enumerator Driver	C:\Windows\system32\drivers\umbus.sys	10.0.17763.1	Kernel Driver	Tr
UmPass	Microsoft UMPass Driver	C:\Windows\system32\drivers\umpass.sys	10.0.17763.1	Kernel Driver	Fa
UrsChipidea	Chipidea USB Role-Switch Driver	C:\Windows\system32\drivers\urschipidea.sys	10.0.17763.1	Kernel Driver	Fa
UrsCx01000	USB Role-Switch Support Library	C:\Windows\system32\drivers\urscx01000.sys	10.0.17763.1	Kernel Driver	Fa
UrsSynopsys	Synopsys USB Role-Switch Driver	C:\Windows\system32\drivers\urssynopsys.sys	10.0.17763.1	Kernel Driver	Fa
usbccgp	Microsoft USB Generic Parent Driver	C:\Windows\system32\drivers\usbccgp.sys	10.0.17763.1554	Kernel Driver	Fa
usbehci	Microsoft USB 2.0 Enhanced Host Controller Miniport Driver	C:\Windows\system32\drivers\usbehci.sys	10.0.17763.1911	Kernel Driver	Tr
usbhub	Microsoft USB Standard Hub Driver	C:\Windows\system32\drivers\usbhub.sys	10.0.17763.1	Kernel Driver	Tr
USBHUB3	SuperSpeed Hub	C:\Windows\system32\drivers\UsbHub3.sys	10.0.17763.1192	Kernel Driver	Tr
usbohci	Microsoft USB Open Host Controller Miniport Driver	C:\Windows\system32\drivers\usbohci.sys	10.0.17763.1	Kernel Driver	Fa
usbprint	Microsoft USB PRINTER Class	C:\Windows\system32\drivers\usbprint.sys	10.0.17763.1	Kernel Driver	Fa
usbser	Microsoft USB Serial Driver	C:\Windows\system32\drivers\usbser.sys	10.0.17763.1	Kernel Driver	Fa
USBSTOR	USB Mass Storage Driver	C:\Windows\system32\drivers\USBSTOR.SYS	10.0.17763.1911	Kernel Driver	Tr
usbuhci	Microsoft USB Universal Host Controller Miniport Driver	C:\Windows\system32\drivers\usbuhci.sys	10.0.17763.1	Kernel Driver	Fa
USBXHCI	USB xHCI Compliant Host Controller	C:\Windows\system32\drivers\USBXHCI.SYS	10.0.17763.1075	Kernel Driver	Tr
vdrvroot	Microsoft Virtual Drive Enumerator	C:\Windows\system32\drivers\vdrvroot.sys	10.0.17763.1	Kernel Driver	Tr
VerifierExt	Driver Verifier Extension	C:\Windows\system32\drivers\VerifierExt.sys	10.0.17763.1	Kernel Driver	Fa
vhdmp	vhdmp	C:\Windows\system32\drivers\vhdmp.sys	10.0.17763.1554	Kernel Driver	Tr
vhdparser	vhdparser	C:\Windows\system32\drivers\vhdparser.sys	10.0.17763.1	Kernel Driver	Tr
vhf	Virtual HID Framework (VHF) Driver	C:\Windows\system32\drivers\vhf.sys	10.0.17763.1	Kernel Driver	Fa
Vid	Vid	C:\Windows\system32\drivers\Vid.sys	10.0.17763.1697	Kernel Driver	Tr
vmbus	Virtual Machine Bus	C:\Windows\system32\drivers\vmbus.sys	10.0.17763.1728	Kernel Driver	Fa
VMBusHID	VMBusHID	C:\Windows\system32\drivers\VMBusHID.sys	10.0.17763.1	Kernel Driver	Fa
vmbusr	Virtual Machine Bus Provider	C:\Windows\system32\drivers\vmbusr.sys	10.0.17763.1911	Kernel Driver	Tr
vmgid	Microsoft Hyper-V Guest Infrastructure Driver	C:\Windows\system32\drivers\vmgid.sys	10.0.17763.1	Kernel Driver	Fa
vmsmp	vmsmp	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.1879	Kernel Driver	Tr
VMSNPXY	VmSwitch NIC Proxy Driver	C:\Windows\system32\drivers\VmsProxyHNic.sys	10.0.17763.1	Kernel Driver	Tr
VMSNPXYMP	VMSNPXYMP	C:\Windows\system32\drivers\VmsProxyHNic.sys	10.0.17763.1	Kernel Driver	Tr
VMSP		C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.1879		Tr

Name	Description	Path	Version	Service Type	St
	VmSwitch Protocol Driver			Kernel Driver	
VmsProxy	VmSwitch Proxy Driver	C:\Windows\system32\drivers\VmsProxy.sys	10.0.17763.1	Kernel Driver	Tr
VMSVSF	VmSwitch Extensibility Filter	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.1879	Kernel Driver	Fa
VMSVSP	VmSwitch Extensibility Protocol	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.1879	Kernel Driver	Fa
volmgr	Volume Manager Driver	C:\Windows\system32\drivers\volmgr.sys	10.0.17763.1879	Kernel Driver	Tr
volmgrx	Dynamic Volume Manager	C:\Windows\system32\drivers\volmgrx.sys	10.0.17763.1	Kernel Driver	Tr
volsnap	Volume Shadow Copy driver	C:\Windows\system32\drivers\volsnap.sys	10.0.17763.831	Kernel Driver	Tr
volume	Volume driver	C:\Windows\system32\drivers\volume.sys	10.0.17763.1	Kernel Driver	Tr
vpci	Microsoft Hyper-V Virtual PCI Bus	C:\Windows\system32\drivers\vpci.sys	10.0.17763.292	Kernel Driver	Fa
vpcivsp	Microsoft Hyper-V PCI Server	C:\Windows\system32\drivers\vpcivsp.sys	10.0.17763.1158	Kernel Driver	Tr
vsmraid	vsmraid	C:\Windows\system32\drivers\vsmraid.sys	7.0.9600.6352	Kernel Driver	Fa
VSTXRAID	VIA StorX Storage RAID Controller Windows Driver	C:\Windows\system32\drivers\vstxraid.sys	8.0.9200.8110	Kernel Driver	Fa
WacomPen	Wacom Serial Pen HID Driver	C:\Windows\system32\drivers\wacompen.sys	10.0.17763.1	Kernel Driver	Fa
wanarp	Remote Access IP ARP Driver	C:\Windows\system32\DRIVERS\wanarp.sys	10.0.17763.1490	Kernel Driver	Tr
wanarpv6	Remote Access IPv6 ARP Driver	C:\Windows\system32\DRIVERS\wanarp.sys	10.0.17763.1490	Kernel Driver	Fa
wcifs	Windows Container Isolation	C:\Windows\system32\drivers\wcifs.sys	10.0.17763.1007	File System Driver	Tr
wcnfs	Windows Container Name Virtualization	C:\Windows\system32\drivers\wcnfs.sys	10.0.17763.194	File System Driver	Fa
Wdf01000	Kernel Mode Driver Frameworks service	C:\Windows\system32\drivers\Wdf01000.sys	1.27.17763.1192	Kernel Driver	Tr
WdmCompanionFilter	WdmCompanionFilter	C:\Windows\system32\drivers\WdmCompanionFilter.sys	10.0.17763.1	Kernel Driver	Fa
WFPLWFS	Microsoft Windows Filtering Platform	C:\Windows\system32\drivers\wfplwfs.sys	10.0.17763.771	Kernel Driver	Tr
WIMMount	WIMMount	C:\Windows\system32\drivers\wimmount.sys	10.0.17763.1	File System Driver	Fa
WindowsTrustedRT	Windows Trusted Execution Environment Class Extension	C:\Windows\system32\drivers\WindowsTrustedRT.sys	10.0.17763.292	Kernel Driver	Tr
WindowsTrustedRTProxy	Microsoft Windows Trusted Runtime Secure Service	C:\Windows\system32\drivers\WindowsTrustedRTProxy.sys	10.0.17763.1	Kernel Driver	Tr
WinMad	WinMad Service	C:\Windows\system32\drivers\winmad.sys	5.50.14643.0	Kernel Driver	Fa
WinNat	Windows NAT Driver	C:\Windows\system32\drivers\winnat.sys	10.0.17763.1817	Kernel Driver	Fa
WinQuic	WinQuic	C:\Windows\system32\drivers\winquic.sys	10.0.17763.404	Kernel Driver	Tr
WINUSB	WinUsb Driver	C:\Windows\system32\drivers\WinUSB.SYS	10.0.17763.1	Kernel Driver	Fa
WinVerbs	WinVerbs Service	C:\Windows\system32\drivers\winverbs.sys	5.50.14643.0	Kernel Driver	Fa
WmiAcpi	Microsoft Windows Management Interface for ACPI	C:\Windows\system32\drivers\wmiacpi.sys	10.0.17763.1	Kernel Driver	Tr
Wof	Windows Overlay File System Filter Driver	C:\Windows\system32\drivers\Wof.sys	10.0.17763.1879	File System Driver	Tr
WpdUpFltr	WPD Upper Class Filter Driver	C:\Windows\system32\drivers\WpdUpFltr.sys	10.0.17763.1	Kernel Driver	Tr
ws2ifsl	Winsock IFS Driver	C:\Windows\system32\drivers\ws2ifsl.sys	10.0.17763.737	Kernel Driver	Fa
WudfPf		C:\Windows\system32\drivers\WudfPf.sys	10.0.17763.1		Fa

Name	Description	Path	Version	Service Type	St
	User Mode Driver Frameworks Platform Driver			Kernel Driver	
WUDFRd	Windows Driver Foundation - User-mode Driver Framework Reflector	C:\Windows\system32\drivers\WUDFRd.sys	10.0.17763.1	Kernel Driver	Tr
WUDFWpdFs	WPD File System driver	C:\Windows\system32\drivers\WUDFRd.sys	10.0.17763.1	Kernel Driver	Tr

HP-SRV3.csaplho.pk

Gathering System Drivers for HP-SRV3.csaplho.pk

Name	Description	Path	Version
1394ohci	1394 OHCI Compliant Host Controller	C:\Windows\system32\drivers\1394ohci.sys	10.0.17763.1
3ware	3ware	C:\Windows\system32\drivers\3ware.sys	5.1.0.51
ACPI	Microsoft ACPI Driver	C:\Windows\system32\drivers\ACPI.sys	10.0.17763.29
AcpiDev	ACPI Devices driver	C:\Windows\system32\drivers\AcpiDev.sys	10.0.17763.1
acpiex	Microsoft ACPIEx Driver	C:\Windows\system32\Drivers\acpiex.sys	10.0.17763.1
acpipagr	ACPI Processor Aggregator Driver	C:\Windows\system32\drivers\acpipagr.sys	10.0.17763.1
AcpiPmi	ACPI Power Meter Driver	C:\Windows\system32\drivers\acpipmi.sys	10.0.17763.1
acpitime	ACPI Wake Alarm Driver	C:\Windows\system32\drivers\acpitime.sys	10.0.17763.1
ADP80XX	ADP80XX	C:\Windows\system32\drivers\ADP80XX.SYS	1.3.0.10769
AFD	Ancillary Function Driver for Winsock	C:\Windows\system32\drivers\afd.sys	10.0.17763.30
afunix	afunix	C:\Windows\system32\drivers\afunix.sys	10.0.17763.22
ahcache	Application Compatibility Cache	C:\Windows\system32\DRIVERS\ahcache.sys	10.0.17763.18
AmdK8	AMD K8 Processor Driver	C:\Windows\system32\drivers\amdk8.sys	10.0.17763.14
AmdPPM	AMD Processor Driver	C:\Windows\system32\drivers\amdppm.sys	10.0.17763.14
amdsata	amdsata	C:\Windows\system32\drivers\amdsata.sys	1.1.3.277
amdsbs	amdsbs	C:\Windows\system32\drivers\amdsbs.sys	3.7.1540.43
amdxata	amdxata	C:\Windows\system32\drivers\amdxata.sys	1.1.3.277
AppID	AppID Driver	C:\Windows\system32\drivers\appid.sys	10.0.17763.32
applockerfltr	Smartlocker Filter Driver	C:\Windows\system32\drivers\applockerfltr.sys	10.0.17763.32
AppvStrm	AppvStrm	C:\Windows\system32\drivers\AppvStrm.sys	10.0.17763.34
AppvVemgr	AppvVemgr	C:\Windows\system32\drivers\AppvVemgr.sys	10.0.17763.34
AppvVfs	AppvVfs	C:\Windows\system32\drivers\AppvVfs.sys	10.0.17763.34
arcsas	Adaptec SAS/SATA-II RAID Storport's Miniport Driver	C:\Windows\system32\drivers\arcsas.sys	7.5.0.32048
AsyncMac	RAS Asynchronous Media Driver	C:\Windows\system32\drivers\asyncmac.sys	10.0.17763.1
atapi	IDE Channel	C:\Windows\system32\drivers\atapi.sys	10.0.17763.1
b06bdrv		C:\Windows\system32\drivers\bxvbda.sys	7.12.31.105

Name	Description	Path	Version
	QLogic Network Adapter VBD		
b57nd60a	Broadcom NetXtreme Gigabit Ethernet - NDIS 6.0	C:\Windows\system32\drivers\b57nd60a.sys	214.0.0.6
bam	Background Activity Moderator Driver	C:\Windows\system32\drivers\bam.sys	10.0.17763.1
BasicDisplay	BasicDisplay	C:\Windows\system32 \DriverStore\FileRepository\basicdisplay.inf_amd64_5103ac179273be89 \BasicDisplay.sys	10.0.17763.1
BasicRender	BasicRender	C:\Windows\system32 \DriverStore\FileRepository\basicrender.inf_amd64_efdc64af60c69a6d\BasicRender.sys	10.0.17763.34
bcmfn2	bcmfn2 Service	C:\Windows\system32\drivers\bcmfn2.sys	6.3.9600.1733
Beep	Beep	C:\Windows\system32\drivers\Beep.sys	10.0.17763.1
bfadfcoei	bfadfcoei	C:\Windows\system32\drivers\bfadfcoei.sys	10.0.10060.0
bfadi	bfadi	C:\Windows\system32\drivers\bfadi.sys	10.0.10060.0
bindflt	Windows Bind Filter Driver	C:\Windows\system32\drivers\bindflt.sys	10.0.17763.34
bowser	Browser	C:\Windows\system32\DRIVERS\bowser.sys	10.0.17763.26
BthEnum	Bluetooth Enumerator Service	C:\Windows\system32\drivers\BthEnum.sys	10.0.17763.32
BthLEEnum	Bluetooth Low Energy Driver	C:\Windows\system32\drivers\Microsoft.Bluetooth.Legacy.LEEnumerator.sys	10.0.17763.59
BthMini	Bluetooth Radio Driver	C:\Windows\system32\drivers\BTHMINI.sys	10.0.17763.1
BTHPORT	Bluetooth Port Driver	C:\Windows\system32\drivers\BTHport.sys	10.0.17763.32
BTHUSB	Bluetooth Radio USB Driver	C:\Windows\system32\drivers\BTHUSB.sys	10.0.17763.32
bttflt	Microsoft Hyper-V VHDPMEM BTT Filter	C:\Windows\system32\drivers\bttflt.sys	10.0.17763.1
buttonconverter	Service for Portable Device Control devices	C:\Windows\system32\drivers\buttonconverter.sys	10.0.17763.1
bxfcoe	QLogic FCoE Offload driver	C:\Windows\system32\drivers\bxfcoe.sys	7.14.15.2
bxois	QLogic Offload iSCSI Driver	C:\Windows\system32\drivers\bxois.sys	7.14.7.2
CapImg	HID driver for CapImg touch screen	C:\Windows\system32\drivers\capimg.sys	10.0.17763.1
CCFFilter	Cluster Client Failover Filter	C:\Windows\system32\drivers\CCFFilter.sys	10.0.17763.28
cdfs	CD/DVD File System Reader	C:\Windows\system32\DRIVERS\cdfs.sys	10.0.17763.35
cdrom	CD-ROM Driver	C:\Windows\system32\drivers\cdrom.sys	10.0.17763.26
cht4iscsi	cht4iscsi	C:\Windows\system32\drivers\cht4sx64.sys	6.9.12.400
cht4vbd	Chelsio Virtual Bus Driver	C:\Windows\system32\drivers\cht4vx64.sys	6.9.12.400
CldFlt	Windows Cloud Files Filter Driver	C:\Windows\system32\drivers\cldflt.sys	10.0.17763.34
CLFS	Common Log (CLFS)	C:\Windows\system32\drivers\CLFS.sys	10.0.17763.35
clusbflt	Cluster BFlt Driver	C:\Windows\system32\drivers\clusbflt.sys	10.0.17763.32
ClusDisk	Cluster Disk Driver	C:\Windows\system32\drivers\ClusDisk.sys	10.0.17763.29
clusport	clusport	C:\Windows\system32\drivers\clusport.sys	10.0.17763.32
CmBatt	Microsoft ACPI Control Method Battery Driver	C:\Windows\system32\drivers\CmBatt.sys	10.0.17763.1
CNG	CNG	C:\Windows\system32\Drivers\cng.sys	10.0.17763.34

Name	Description	Path	Version
cnghwassist	CNG Hardware Assist algorithm provider	C:\Windows\system32\DRIVERS\cnghwassist.sys	10.0.17763.1
CompositeBus	Composite Bus Enumerator Driver	C:\Windows\system32\DriverStore\FileRepository\compositebus.inf_amd64_e4d35af746093dc3\CompositeBus.sys	10.0.17763.1
condrv	Console Driver	C:\Windows\system32\drivers\condrv.sys	10.0.17763.20
CSC	Offline Files Driver	C:\Windows\system32\drivers\csc.sys	10.0.17763.31
CsvFlt	CSV Mini-Filter Driver	C:\Windows\system32\drivers\CsvFlt.sys	10.0.17763.29
CsvFs	Csv File System Driver	C:\Windows\system32\drivers\CsvFs.sys	10.0.17763.29
CsvNSFlt	CSV NameSpace Filter Driver	C:\Windows\system32\drivers\CsvNSFlt.sys	10.0.17763.29
csvvbus	CSV Volume Bus	C:\Windows\system32\drivers\csvvbus.sys	10.0.17763.29
dam	Desktop Activity Moderator Driver	C:\Windows\system32\drivers\dam.sys	10.0.17763.40
Dfsc	DFS Namespace Client Driver	C:\Windows\system32\Drivers\dfsc.sys	10.0.17763.34
Disk	Disk Driver	C:\Windows\system32\drivers\disk.sys	10.0.17763.32
dmvsc	dmvsc	C:\Windows\system32\drivers\dmvsc.sys	10.0.17763.77
drmkaud	Microsoft Trusted Audio Drivers	C:\Windows\system32\drivers\drmkaud.sys	10.0.17763.1
DXGKrnl	LDDM Graphics Subsystem	C:\Windows\system32\drivers\dxgkrnl.sys	10.0.17763.24
ebdrv	QLogic 10 Gigabit Ethernet Adapter VBD	C:\Windows\system32\drivers\evbda.sys	7.13.65.105
EhStorClass	Enhanced Storage Filter Driver	C:\Windows\system32\drivers\EhStorClass.sys	10.0.17763.19
EhStorTcgDrv	Microsoft driver for storage devices supporting IEEE 1667 and TCG protocols	C:\Windows\system32\drivers\EhStorTcgDrv.sys	10.0.17763.1
elxfcoe	elxfcoe	C:\Windows\system32\drivers\elxfcoe.sys	11.0.247.8000
elxstor	elxstor	C:\Windows\system32\drivers\elxstor.sys	11.4.225.8009
ErrDev	Microsoft Hardware Error Device Driver	C:\Windows\system32\drivers\errdev.sys	10.0.17763.1
exfat	exFAT File System Driver	C:\Windows\system32\drivers\exfat.sys	10.0.17763.26
fastfat	FAT12/16/32 File System Driver	C:\Windows\system32\drivers\fastfat.sys	10.0.17763.31
fcvsc	fcvsc	C:\Windows\system32\drivers\fcvsc.sys	10.0.17763.21
fdc	Floppy Disk Controller Driver	C:\Windows\system32\drivers\fdc.sys	10.0.17763.1
FileCrypt	FileCrypt	C:\Windows\system32\drivers\filecrypt.sys	10.0.17763.1
FileInfo	File Information FS MiniFilter	C:\Windows\system32\drivers\fileinfo.sys	10.0.17763.19
Filetrace	Filetrace	C:\Windows\system32\drivers\filetrace.sys	10.0.17763.1
flpydisk	Floppy Disk Driver	C:\Windows\system32\drivers\flpydisk.sys	10.0.17763.1
FltMgr	FltMgr	C:\Windows\system32\drivers\fltmgr.sys	10.0.17763.25
FsDepends	File System Dependency Minifilter	C:\Windows\system32\drivers\FsDepends.sys	10.0.17763.18

Name	Description	Path	Version
gencounter	Microsoft Hyper-V Generation Counter	C:\Windows\system32\drivers\vmgencounter.sys	10.0.17763.1
genericusbfn	Generic USB Function Class	C:\Windows\system32\drivers\genericusbfn.sys	10.0.17763.1
GPIOClx0101	Microsoft GPIO Class Extension Driver	C:\Windows\system32\Drivers\msgpioclx.sys	10.0.17763.1(
HDAudBus	Microsoft UAA Bus Driver for High Definition Audio	C:\Windows\system32\drivers\HDAudBus.sys	10.0.17763.1
HidBatt	HID UPS Battery Driver	C:\Windows\system32\drivers\HidBatt.sys	10.0.17763.1
hidinterrupt	Common Driver for HID Buttons implemented with interrupts	C:\Windows\system32\drivers\hidinterrupt.sys	10.0.17763.1
HidUsb	Microsoft HID Class Driver	C:\Windows\system32\drivers\hidusb.sys	10.0.17763.1
HpSAMD	HpSAMD	C:\Windows\system32\drivers\HpSAMD.sys	8.0.4.0
HTTP	HTTP Service	C:\Windows\system32\drivers\HTTP.sys	10.0.17763.34
hvcrash	hvcrash	C:\Windows\system32\drivers\hvcrash.sys	10.0.17763.22
hvservice	Hypervisor/Virtual Machine Support Driver	C:\Windows\system32\drivers\hvservice.sys	10.0.17763.35
hvsocketcontrol	hvsocketcontrol	C:\Windows\system32\drivers\hvsocketcontrol.sys	10.0.17763.1
HwNClx0101	Microsoft Hardware Notifications Class Extension Driver	C:\Windows\system32\Drivers\mshwnclx.sys	10.0.17763.1
hwpolicy	Hardware Policy Driver	C:\Windows\system32\drivers\hwpolicy.sys	10.0.17763.11
hyperkbd	hyperkbd	C:\Windows\system32\drivers\hyperkbd.sys	10.0.17763.1
HyperVideo	HyperVideo	C:\Windows\system32\drivers\HyperVideo.sys	10.0.17763.21
i8042prt	i8042 Keyboard and PS/2 Mouse Port Driver	C:\Windows\system32\drivers\i8042prt.sys	10.0.17763.1
iaLPSSi_GPIO	Intel(R) Serial IO GPIO Controller Driver	C:\Windows\system32\drivers\iaLPSSi_GPIO.sys	1.1.250.0
iaLPSSi_I2C	Intel(R) Serial IO I2C Controller Driver	C:\Windows\system32\drivers\iaLPSSi_I2C.sys	1.1.253.0
iaStorAVC	Intel Chipset SATA RAID Controller	C:\Windows\system32\drivers\iaStorAVC.sys	15.44.0.1010
iaStorV	Intel RAID Controller Windows 7	C:\Windows\system32\drivers\iaStorV.sys	8.6.2.1019
ibbus	Mellanox InfiniBand Bus/AL (Filter Driver)	C:\Windows\system32\drivers\ibbus.sys	5.50.14643.0
IndirectKmd	Indirect Displays Kernel-Mode Driver	C:\Windows\system32\drivers\IndirectKmd.sys	10.0.17763.1
intelide	intelide	C:\Windows\system32\drivers\intelide.sys	10.0.17763.1
intelpep	Intel(R) Power Engine Plug-in Driver	C:\Windows\system32\drivers\intelpep.sys	10.0.17763.5(
intelppm	Intel Processor Driver	C:\Windows\system32\drivers\intelppm.sys	10.0.17763.14
IpFilterDriver	IP Traffic Filter Driver	C:\Windows\system32\DRIVERS\ipfltdrv.sys	10.0.17763.31
IPMIDRV	IPMIDRV	C:\Windows\system32\drivers\IPMIDrv.sys	10.0.17763.1
IPNAT	IP Network Address Translator	C:\Windows\system32\drivers\ipnat.sys	10.0.17763.32
IPsecGW	Windows IPsec Gateway Driver	C:\Windows\system32\drivers\ipsecgw.sys	10.0.17763.1
IPT	IPT	C:\Windows\system32\drivers\ipt.sys	10.0.17763.1
isapnp	isapnp	C:\Windows\system32\drivers\isapnp.sys	10.0.17763.1
iScsiPrt	iScsiPort Driver	C:\Windows\system32\drivers\msiscsi.sys	10.0.17763.17
ItSas35i	ItSas35i	C:\Windows\system32\drivers\ItSas35i.sys	2.60.59.80
kbdclass	Keyboard Class Driver	C:\Windows\system32\drivers\kbdclass.sys	10.0.17763.1

Name	Description	Path	Version
kbdhid	Keyboard HID Driver	C:\Windows\system32\drivers\kbdhid.sys	10.0.17763.34
kdnic	Microsoft Kernel Debug Network Miniport (NDIS 6.20)	C:\Windows\system32\drivers\kdnic.sys	6.1.0.0
klam	Kaspersky Lab AM Minifilter	C:\Windows\system32\DRIVERS\klam.sys	17.0.116.0
klelaml	klelaml	C:\Windows\system32\DRIVERS\klelaml.sys	16.2.2.0
KLFLTDEV	Kaspersky Lab KLFltDev	C:\Windows\system32\DRIVERS\klfltdev.sys	8.12.2.224
klids	Kaspersky Internal IDS Service	\??\C:\ProgramData\Kaspersky Lab\Kaspersky Security for Windows Server\11.0 \Bases\Temp\611;202211020719\klids.sys	10.2.0.354
klips	klips	C:\Windows\system32\DRIVERS\klips.sys	2.0.0.27
klramdisk	klramdisk	C:\Windows\system32\DRIVERS\klramdisk.sys	30.521.0.160
Klwtpee	KLwtpee - WFP callout traffic inspector	C:\Windows\system32\DRIVERS\klwtpee.sys	14.0.0.75
KSecDD	KSecDD	C:\Windows\system32\Drivers\ksecdd.sys	10.0.17763.35
KSecPkg	KSecPkg	C:\Windows\system32\Drivers\ksecpkg.sys	10.0.17763.35
ksthunk	Kernel Streaming Thunks	C:\Windows\system32\drivers\ksthunk.sys	10.0.17763.1
lltdio	Link-Layer Topology Discovery Mapper I/O Driver	C:\Windows\system32\drivers\lltdio.sys	10.0.17763.1
LSI_SAS	LSI_SAS	C:\Windows\system32\drivers\lsi_sas.sys	1.34.3.83
LSI_SAS2i	LSI_SAS2i	C:\Windows\system32\drivers\lsi_sas2i.sys	2.0.79.82
LSI_SAS3i	LSI_SAS3i	C:\Windows\system32\drivers\lsi_sas3i.sys	2.51.24.80
LSI_SSS	LSI_SSS	C:\Windows\system32\drivers\lsi_sss.sys	2.10.61.81
luafv	UAC File Virtualization	C:\Windows\system32\drivers\luafv.sys	10.0.17763.18
lunparser	LUN Parser	C:\Windows\system32\drivers\lunparser.sys	10.0.17763.1
mausbhost	MA-USB Host Controller Driver	C:\Windows\system32\drivers\mausbhost.sys	10.0.17763.1
mausbip	MA-USB IP Filter Driver	C:\Windows\system32\drivers\mausbip.sys	10.0.17763.1
megasas	megasas	C:\Windows\system32\drivers\megasas.sys	6.706.6.0
megasas2i	megasas2i	C:\Windows\system32\drivers\MegaSas2i.sys	6.714.5.0
megasas35i	megasas35i	C:\Windows\system32\drivers\megasas35i.sys	7.705.8.0
megasr	megasr	C:\Windows\system32\drivers\megasr.sys	15.2.2013.129
Microsoft_Bluetooth_AvrcpTransport	Microsoft Bluetooth Avrcp Transport Driver	C:\Windows\system32\drivers\Microsoft.Bluetooth.AvrcpTransport.sys	10.0.17763.1
mlx4_bus	Mellanox ConnectX Bus Enumerator	C:\Windows\system32\drivers\mlx4_bus.sys	5.50.14643.0
MMCSS	Multimedia Class Scheduler	C:\Windows\system32\drivers\mmcss.sys	10.0.17763.19
Modem	Modem	C:\Windows\system32\drivers\modem.sys	10.0.17763.16
monitor	Microsoft Monitor Class Function Driver Service	C:\Windows\system32\drivers\monitor.sys	10.0.17763.77
mouclass	Mouse Class Driver	C:\Windows\system32\drivers\mouclass.sys	10.0.17763.1
mouhid	Mouse HID Driver	C:\Windows\system32\drivers\mouhid.sys	10.0.17763.1
mountmgr	Mount Point Manager	C:\Windows\system32\drivers\mountmgr.sys	10.0.17763.83
mpio	Microsoft Multi-Path Bus Driver	C:\Windows\system32\drivers\mpio.sys	10.0.17763.15

Name	Description	Path	Version
mpsdrv	Windows Defender Firewall Authorization Driver	C:\Windows\system32\drivers\mpsdrv.sys	10.0.17763.40
mrxsmb	SMB MiniRedirector Wrapper and Engine	C:\Windows\system32\DRIVERS\mrxsmb.sys	10.0.17763.34
mrxsmb20	SMB 2.0 MiniRedirector	C:\Windows\system32\DRIVERS\mrxsmb20.sys	10.0.17763.34
MsBridge	Microsoft MAC Bridge	C:\Windows\system32\drivers\bridge.sys	10.0.17763.37
msdsm	Microsoft Multi-Path Device Specific Module	C:\Windows\system32\drivers\msdsm.sys	10.0.17763.65
Msfs	Msfs	C:\Windows\system32\drivers\Msfs.sys	10.0.17763.77
msgpiowin32	Common Driver for Buttons, DockMode and Laptop/Slate Indicator	C:\Windows\system32\drivers\msgpiowin32.sys	10.0.17763.1
mshidkmdf	Pass-through HID to KMDF Filter Driver	C:\Windows\system32\drivers\mshidkmdf.sys	10.0.17763.1
mshidumdf	Pass-through HID to UMDF Driver	C:\Windows\system32\drivers\mshidumdf.sys	10.0.17763.1
msisadrv	msisadrv	C:\Windows\system32\drivers\msisadrv.sys	10.0.17763.77
MSKSSRV	Microsoft Streaming Service Proxy	C:\Windows\system32\drivers\MSKSSRV.sys	10.0.17763.1
MsLbfoProvider	Microsoft Load Balancing/Failover Provider	C:\Windows\system32\drivers\MsLbfoProvider.sys	10.0.17763.1
MsLldp	Microsoft Link-Layer Discovery Protocol	C:\Windows\system32\drivers\mslldp.sys	10.0.17763.1
MSPCLOCK	Microsoft Streaming Clock Proxy	C:\Windows\system32\drivers\MSPCLOCK.sys	10.0.17763.1
MSPQM	Microsoft Streaming Quality Manager Proxy	C:\Windows\system32\drivers\MSPQM.sys	10.0.17763.1
MsRPC	MsRPC	C:\Windows\system32\drivers\MsRPC.sys	10.0.17763.29
MsSecFlt	Microsoft Security Events Component Minifilter	C:\Windows\system32\drivers\mssecflt.sys	10.0.17763.33
mssmbios	Microsoft System Management BIOS Driver	C:\Windows\system32\drivers\mssmbios.sys	10.0.17763.1
MSTEE	Microsoft Streaming Tee/Sink-to-Sink Converter	C:\Windows\system32\drivers\MSTEE.sys	10.0.17763.1
MTConfig	Microsoft Input Configuration Driver	C:\Windows\system32\drivers\MTConfig.sys	10.0.17763.1
Mup	Mup	C:\Windows\system32\Drivers\mup.sys	10.0.17763.1
mvumis	mvumis	C:\Windows\system32\drivers\mvumis.sys	1.0.5.1016
MxG2hDO64	MxG2hDO64	C:\Windows\system32\DRIVERS\MxG2hDO64.sys	9.15.1.224
ndfltr	NetworkDirect Service	C:\Windows\system32\drivers\ndfltr.sys	5.50.14643.0
NDIS	NDIS System Driver	C:\Windows\system32\drivers\ndis.sys	10.0.17763.22
NdisCap	Microsoft NDIS Capture	C:\Windows\system32\drivers\ndiscap.sys	10.0.17763.1
NdisImPlatform	Microsoft Network Adapter Multiplexor Protocol	C:\Windows\system32\drivers\NdisImPlatform.sys	10.0.17763.1
NdisImPlatformMp	Microsoft Network Adapter Multiplexor Driver	C:\Windows\system32\drivers\NdisImPlatform.sys	10.0.17763.1
NdisTapi	Remote Access NDIS TAPI Driver	C:\Windows\system32\DRIVERS\ndistapi.sys	10.0.17763.1
Ndisuio	NDIS Usermode I/O Protocol	C:\Windows\system32\drivers\ndisuio.sys	10.0.17763.1
NdisVirtualBus		C:\Windows\system32\drivers\NdisVirtualBus.sys	10.0.17763.1

Name	Description	Path	Version
	Microsoft Virtual Network Adapter Enumerator		
NdisWan	Remote Access NDIS WAN Driver	C:\Windows\system32\drivers\ndiswan.sys	10.0.17763.22
ndiswanlegacy	Remote Access LEGACY NDIS WAN Driver	C:\Windows\system32\DRIVERS\ndiswan.sys	10.0.17763.22
ndproxy	NDIS Proxy Driver	C:\Windows\system32\DRIVERS\NDProxy.sys	10.0.17763.65
nechesasr	iLO 5 ASR Driver	C:\Windows\system32\drivers\nechesasr.sys	4.7.1.0
necheschif	iLO 5 CHIF Driver	C:\Windows\system32\drivers\necheschif.sys	4.7.1.0
NetAdapterCx	Network Adapter Wdf Class Extension Library	C:\Windows\system32\drivers\NetAdapterCx.sys	10.0.17763.1
NetBIOS	NetBIOS Interface	C:\Windows\system32\drivers\netbios.sys	10.0.17763.1
NetBT	NetBT	C:\Windows\system32\DRIVERS\netbt.sys	10.0.17763.15
Netft	Cluster Virtual Miniport Driver	C:\Windows\system32\drivers\netft.sys	10.0.17763.27
netvsc	netvsc	C:\Windows\system32\drivers\netvsc.sys	10.0.17763.29
Npfs	Npfs	C:\Windows\system32\drivers\Npfs.sys	10.0.17763.25
npsvctrig	Named pipe service trigger provider	C:\Windows\system32\drivers\npsvctrig.sys	10.0.17763.1
nsiproxy	NSI Proxy Service Driver	C:\Windows\system32\drivers\nsiproxy.sys	10.0.17763.1
Ntfs	Ntfs	C:\Windows\system32\drivers\Ntfs.sys	10.0.17763.35
Null	Null	C:\Windows\system32\drivers\Null.sys	10.0.17763.1
nvdimm	Microsoft NVDIMM device driver	C:\Windows\system32\drivers\nvdimm.sys	10.0.17763.14
nvraid	nvraid	C:\Windows\system32\drivers\nvraid.sys	10.6.0.23
nvstor	nvstor	C:\Windows\system32\drivers\nvstor.sys	10.6.0.23
Parport	Parallel port driver	C:\Windows\system32\drivers\parport.sys	10.0.17763.1
partmgr	Partition driver	C:\Windows\system32\drivers\partmgr.sys	10.0.17763.32
passthruparser	PassthroughParser	C:\Windows\system32\drivers\passthruparser.sys	10.0.17763.1
pci	PCI Bus Driver	C:\Windows\system32\drivers\pci.sys	10.0.17763.28
pciide	pciide	C:\Windows\system32\drivers\pciide.sys	10.0.17763.1
pcip	PCI Proxy driver	C:\Windows\system32\drivers\pcip.sys	10.0.17763.23
pcmcia	pcmcia	C:\Windows\system32\drivers\pcmcia.sys	10.0.17763.1
pcw	Performance Counters for Windows Driver	C:\Windows\system32\drivers\pcw.sys	10.0.17763.31
pdc	pdc	C:\Windows\system32\drivers\pdc.sys	10.0.17763.40
PEAUTH	PEAUTH	C:\Windows\system32\drivers\peauth.sys	10.0.17763.30
percsas2i	percsas2i	C:\Windows\system32\drivers\percsas2i.sys	6.805.3.0
percsas3i	percsas3i	C:\Windows\system32\drivers\percsas3i.sys	6.604.6.0
PktMon	Packet Monitor Driver	C:\Windows\system32\drivers\PktMon.sys	10.0.17763.29
pmem	Microsoft persistent memory disk driver	C:\Windows\system32\drivers\pmem.sys	10.0.17763.65
PNPMEM	Microsoft Memory Module Driver	C:\Windows\system32\drivers\pnpmem.sys	10.0.17763.1

Name	Description	Path	Version
PptpMiniport	WAN Miniport (PPTP)	C:\Windows\system32\drivers\raspptp.sys	10.0.17763.35
Processor	Processor Driver	C:\Windows\system32\drivers\processr.sys	10.0.17763.14
Psched	QoS Packet Scheduler	C:\Windows\system32\drivers\pacer.sys	10.0.17763.13
pvhdparser	pvhdparser	C:\Windows\system32\drivers\pvhdparser.sys	10.0.17763.28
q57nd60a	HP NC329a 4-port Ethernet Server Adapter	C:\Windows\system32\drivers\b57nd60a.sys	214.0.0.6
qebdrv	QLogic FastLinQ Ethernet VBD	C:\Windows\system32\drivers\qevbda.sys	8.33.20.103
qefcoe	QLogic FCoE driver	C:\Windows\system32\drivers\qefcoe.sys	8.33.4.2
qeois	QLogic 40G iSCSI Driver	C:\Windows\system32\drivers\qeois.sys	8.33.5.2
ql2300	QLogic Fibre Channel STOR Miniport Driver (wx64)	C:\Windows\system32\drivers\ql2300.sys	9.4.2.20
ql2300i	QLogic Fibre Channel STOR Miniport Inbox Driver (wx64)	C:\Windows\system32\drivers\ql2300i.sys	9.1.15.1
ql40xx2i	QLogic iSCSI Miniport Inbox Driver	C:\Windows\system32\drivers\ql40xx2i.sys	2.1.5.0
qlfcoei	QLogic [FCoE] STOR Miniport Inbox Driver (wx64)	C:\Windows\system32\drivers\qlfcoei.sys	9.1.11.3
QWAVEdrv	QWAVE driver	C:\Windows\system32\drivers\qwavedrv.sys	10.0.17763.1
Ramdisk	Windows RAM Disk Driver	C:\Windows\system32\DRIVERS\ramdisk.sys	10.0.17763.1
ramparser	ramparser	C:\Windows\system32\drivers\ramparser.sys	10.0.17763.1
RasAcd	Remote Access Auto Connection Driver	C:\Windows\system32\DRIVERS\rasacd.sys	10.0.17763.1
RasAgileVpn	WAN Miniport (IKEv2)	C:\Windows\system32\drivers\AgileVpn.sys	10.0.17763.22
RasGre	WAN Miniport (GRE)	C:\Windows\system32\drivers\rasgre.sys	10.0.17763.35
Rasl2tp	WAN Miniport (L2TP)	C:\Windows\system32\drivers\rasl2tp.sys	10.0.17763.35
RasPppoe	Remote Access PPPOE Driver	C:\Windows\system32\DRIVERS\raspppoe.sys	10.0.17763.1
RasSstp	WAN Miniport (SSTP)	C:\Windows\system32\drivers\rassstp.sys	10.0.17763.35
rdbss	Redirected Buffering Sub System	C:\Windows\system32\DRIVERS\rdbss.sys	10.0.17763.34
rdpbus	Remote Desktop Device Redirector Bus Driver	C:\Windows\system32\drivers\rdpbus.sys	10.0.17763.1
RDPDR	Remote Desktop Device Redirector Driver	C:\Windows\system32\drivers\rdpdr.sys	10.0.17763.65
RdpVideoMiniport	Remote Desktop Video Miniport Driver	C:\Windows\system32\drivers\rdpvideominiport.sys	10.0.17763.1
ReFS	ReFS	C:\Windows\system32\drivers\ReFS.sys	10.0.17763.35
ReFSv1	ReFSv1	C:\Windows\system32\drivers\ReFSv1.sys	10.0.17763.24
ResumeKeyFilter	Resume Key Filter	C:\Windows\system32\drivers\ResumeKeyFilter.sys	10.0.17763.1
RFCOMM	Bluetooth Device (RFCOMM Protocol TDI)	C:\Windows\system32\drivers\rfcomm.sys	10.0.17763.1
rhproxy	Resource Hub proxy driver	C:\Windows\system32\drivers\rhproxy.sys	10.0.17763.1
rspndr	Link-Layer Topology Discovery Responder	C:\Windows\system32\drivers\rspndr.sys	10.0.17763.1
s3cap	s3cap	C:\Windows\system32\drivers\vms3cap.sys	10.0.17763.1
sacdrv	sacdrv	C:\Windows\system32\DRIVERS\sacdrv.sys	10.0.17763.1

Name	Description	Path	Version
sbp2port	SBP-2 Transport/Protocol Bus Driver	C:\Windows\system32\drivers\sbp2port.sys	10.0.17763.22
scfilter	Smart card PnP Class Filter Driver	C:\Windows\system32\DRIVERS\scfilter.sys	10.0.17763.1
scmbus	Microsoft Storage Class Memory Bus Driver	C:\Windows\system32\drivers\scmbus.sys	10.0.17763.25
sdbus	sdbus	C:\Windows\system32\drivers\sdbus.sys	10.0.17763.26
SDFRd	SDF Reflector	C:\Windows\system32\drivers\SDFRd.sys	10.0.17763.1
sdstor	SD Storage Port Driver	C:\Windows\system32\drivers\sdstor.sys	10.0.17763.22
SerCx	Serial UART Support Library	C:\Windows\system32\drivers\SerCx.sys	10.0.17763.1
SerCx2	Serial UART Support Library	C:\Windows\system32\drivers\SerCx2.sys	10.0.17763.1
Serenum	Serenum Filter Driver	C:\Windows\system32\drivers\serenum.sys	10.0.17763.1
Serial	Serial port driver	C:\Windows\system32\drivers\serial.sys	10.0.17763.1
sermouse	Serial Mouse Driver	C:\Windows\system32\drivers\sermouse.sys	10.0.17763.1
sfloppy	High-Capacity Floppy Disk Drive	C:\Windows\system32\drivers\sfloppy.sys	10.0.17763.11
SgrmAgent	System Guard Runtime Monitor Agent	C:\Windows\system32\drivers\SgrmAgent.sys	10.0.17763.28
SiSRaid2	SiSRaid2	C:\Windows\system32\drivers\SiSRaid2.sys	5.1.1039.2600
SiSRaid4	SiSRaid4	C:\Windows\system32\drivers\sisraid4.sys	5.1.1039.3600
SmartPqi	SmartPqi	C:\Windows\system32\drivers\SmartPqi.sys	106.278.0.104
SmartSAMD	SmartSAMD	C:\Windows\system32\drivers\SmartSAMD.sys	1.50.0.0
smbdirect	smbdirect	C:\Windows\system32\DRIVERS\smbdirect.sys	10.0.17763.1
spaceport	Storage Spaces Driver	C:\Windows\system32\drivers\spaceport.sys	10.0.17763.33
SpbCx	Simple Peripheral Bus Support Library	C:\Windows\system32\drivers\SpbCx.sys	10.0.17763.1
srv2	Server SMB 2.xxx Driver	C:\Windows\system32\DRIVERS\srv2.sys	10.0.17763.34
srvnet	srvnet	C:\Windows\system32\DRIVERS\srvnet.sys	10.0.17763.29
stexstor	stexstor	C:\Windows\system32\drivers\stexstor.sys	5.1.0.10
storahci	Microsoft Standard SATA AHCI Driver	C:\Windows\system32\drivers\storahci.sys	10.0.17763.34
storflt	Microsoft Hyper-V Storage Accelerator	C:\Windows\system32\drivers\vmstorfl.sys	10.0.17763.21
stornvme	Microsoft Standard NVM Express Driver	C:\Windows\system32\drivers\stornvme.sys	10.0.17763.34
storqosflt	Storage QoS Filter Driver	C:\Windows\system32\drivers\storqosflt.sys	10.0.17763.29
storufs	Microsoft Universal Flash Storage (UFS) Driver	C:\Windows\system32\drivers\storufs.sys	10.0.17763.16
storvsc	storvsc	C:\Windows\system32\drivers\storvsc.sys	10.0.17763.21
storvsp	storvsp	C:\Windows\system32\drivers\storvsp.sys	10.0.17763.29
svhdxflt	Shared VHDX File Access Filter Driver	C:\Windows\system32\drivers\svhdxflt.sys	10.0.17763.29
swenum	Software Bus Driver	C:\Windows\system32 \DriverStore\FileRepository\swenum.inf_amd64_31f554b660026323\swenum.sys	10.0.17763.1

Name	Description	Path	Version
Synth3dVsc	Synth3dVsc	C:\Windows\system32\drivers\Synth3dVsc.sys	10.0.17763.18
Tcpip	TCP/IP Protocol Driver	C:\Windows\system32\drivers\tcpip.sys	10.0.17763.35
Tcpip6	@todo.dll,-100;Microsoft IPv6 Protocol Driver	C:\Windows\system32\drivers\tcpip.sys	10.0.17763.35
tcpipreg	TCP/IP Registry Compatibility	C:\Windows\system32\drivers\tcpipreg.sys	10.0.17763.1
tdx	NetIO Legacy TDI Support Driver	C:\Windows\system32\DRIVERS\tdx.sys	10.0.17763.21
terminpt	Microsoft Remote Desktop Input Driver	C:\Windows\system32\drivers\terminpt.sys	10.0.17763.1
TPM	TPM	C:\Windows\system32\drivers\tpm.sys	10.0.17763.16
TsUsbFlt	Remote Desktop USB Hub Class Filter Driver	C:\Windows\system32\drivers\tsusbflt.sys	10.0.17763.1
TsUsbGD	Remote Desktop Generic USB Device	C:\Windows\system32\drivers\TsUsbGD.sys	10.0.17763.1
tsusbhub	Remote Desktop USB Hub	C:\Windows\system32\drivers\tsusbhub.sys	10.0.17763.26
tunnel	Microsoft Tunnel Miniport Adapter Driver	C:\Windows\system32\drivers\tunnel.sys	10.0.17763.86
UASPStor	USB Attached SCSI (UAS) Driver	C:\Windows\system32\drivers\uaspstor.sys	10.0.17763.1
UcmCx0101	USB Connector Manager KMDF Class Extension	C:\Windows\system32\Drivers\UcmCx.sys	10.0.17763.1
UcmTcpciCx0101	UCM-TCPCI KMDF Class Extension	C:\Windows\system32\Drivers\UcmTcpciCx.sys	10.0.17763.1
UcmUcsi	USB Connector Manager UCSI Client	C:\Windows\system32\drivers\UcmUcsi.sys	10.0.17763.1
UcmUcsiAcpiClient	UCM-UCSI ACPI Client	C:\Windows\system32\drivers\UcmUcsiAcpiClient.sys	10.0.17763.71
UcmUcsiCx0101	UCM-UCSI KMDF Class Extension	C:\Windows\system32\Drivers\UcmUcsiCx.sys	10.0.17763.73
Ucx01000	USB Host Support Library	C:\Windows\system32\drivers\ucx01000.sys	10.0.17763.1
UdeCx	USB Device Emulation Support Library	C:\Windows\system32\drivers\udecx.sys	10.0.17763.1
udfs	udfs	C:\Windows\system32\DRIVERS\udfs.sys	10.0.17763.37
UEFI	Microsoft UEFI Driver	C:\Windows\system32\drivers\UEFI.sys	10.0.17763.65
UevAgentDriver	UevAgentDriver	C:\Windows\system32\drivers\UevAgentDriver.sys	10.0.17763.1
Ufx01000	USB Function Class Extension	C:\Windows\system32\drivers\ufx01000.sys	10.0.17763.19
UfxChipidea	USB Chipidea Controller	C:\Windows\system32\drivers\UfxChipidea.sys	10.0.17763.1
ufxsynopsys	USB Synopsys Controller	C:\Windows\system32\drivers\ufxsynopsys.sys	10.0.17763.17
umbus	UMBus Enumerator Driver	C:\Windows\system32\drivers\umbus.sys	10.0.17763.1
UmPass	Microsoft UMPass Driver	C:\Windows\system32\drivers\umpass.sys	10.0.17763.1
UrsChipidea	Chipidea USB Role-Switch Driver	C:\Windows\system32\drivers\urschipidea.sys	10.0.17763.1
UrsCx01000	USB Role-Switch Support Library	C:\Windows\system32\drivers\urscx01000.sys	10.0.17763.1
UrsSynopsys	Synopsys USB Role-Switch Driver	C:\Windows\system32\drivers\urssynopsys.sys	10.0.17763.1
usbccgp	Microsoft USB Generic Parent Driver	C:\Windows\system32\drivers\usbccgp.sys	10.0.17763.15
usbehci	Microsoft USB 2.0 Enhanced Host Controller Miniport Driver	C:\Windows\system32\drivers\usbehci.sys	10.0.17763.19
usbhub	Microsoft USB Standard Hub Driver	C:\Windows\system32\drivers\usbhub.sys	10.0.17763.1
USBHUB3	SuperSpeed Hub	C:\Windows\system32\drivers\UsbHub3.sys	10.0.17763.11
usbohci		C:\Windows\system32\drivers\usbohci.sys	10.0.17763.1

Name	Description	Path	Version
	Microsoft USB Open Host Controller Miniport Driver		
usbprint	Microsoft USB PRINTER Class	C:\Windows\system32\drivers\usbprint.sys	10.0.17763.1
usbser	Microsoft USB Serial Driver	C:\Windows\system32\drivers\usbser.sys	10.0.17763.35
USBSTOR	USB Mass Storage Driver	C:\Windows\system32\drivers\USBSTOR.SYS	10.0.17763.22
usbuhci	Microsoft USB Universal Host Controller Miniport Driver	C:\Windows\system32\drivers\usbuhci.sys	10.0.17763.1
USBXHCI	USB xHCI Compliant Host Controller	C:\Windows\system32\drivers\USBXHCI.SYS	10.0.17763.31
vdrvroot	Microsoft Virtual Drive Enumerator	C:\Windows\system32\drivers\vdrvroot.sys	10.0.17763.1
VerifierExt	Driver Verifier Extension	C:\Windows\system32\drivers\VerifierExt.sys	10.0.17763.1
vhdmp	vhdmp	C:\Windows\system32\drivers\vhdmp.sys	10.0.17763.32
vhdparser	vhdparser	C:\Windows\system32\drivers\vhdparser.sys	10.0.17763.1
vhf	Virtual HID Framework (VHF) Driver	C:\Windows\system32\drivers\vhf.sys	10.0.17763.1
Vid	Vid	C:\Windows\system32\drivers\Vid.sys	10.0.17763.29
vmbus	Virtual Machine Bus	C:\Windows\system32\drivers\vmbus.sys	10.0.17763.33
VMBusHID	VMBusHID	C:\Windows\system32\drivers\VMBusHID.sys	10.0.17763.1
vmbusr	Virtual Machine Bus Provider	C:\Windows\system32\drivers\vmbusr.sys	10.0.17763.33
vmgid	Microsoft Hyper-V Guest Infrastructure Driver	C:\Windows\system32\drivers\vmgid.sys	10.0.17763.1
vmsmp	vmsmp	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.35
VMSNPXY	VmSwitch NIC Proxy Driver	C:\Windows\system32\drivers\VmsProxyHNic.sys	10.0.17763.1
VMSNPXYMP	VMSNPXYMP	C:\Windows\system32\drivers\VmsProxyHNic.sys	10.0.17763.1
VMSP	VmSwitch Protocol Driver	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.35
VmsProxy	VmSwitch Proxy Driver	C:\Windows\system32\drivers\VmsProxy.sys	10.0.17763.1
VMSVSF	VmSwitch Extensibility Filter	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.35
VMSVSP	VmSwitch Extensibility Protocol	C:\Windows\system32\drivers\vmswitch.sys	10.0.17763.35
volmgr	Volume Manager Driver	C:\Windows\system32\drivers\volmgr.sys	10.0.17763.18
volmgrx	Dynamic Volume Manager	C:\Windows\system32\drivers\volmgrx.sys	10.0.17763.1
volsnap	Volume Shadow Copy driver	C:\Windows\system32\drivers\volsnap.sys	10.0.17763.83
volume	Volume driver	C:\Windows\system32\drivers\volume.sys	10.0.17763.1
vpci	Microsoft Hyper-V Virtual PCI Bus	C:\Windows\system32\drivers\vpci.sys	10.0.17763.33
vpcivsp	Microsoft Hyper-V PCI Server	C:\Windows\system32\drivers\vpcivsp.sys	10.0.17763.11
vsmraid	vsmraid	C:\Windows\system32\drivers\vsmraid.sys	7.0.9600.6352
VSTXRAID	VIA StorX Storage RAID Controller Windows Driver	C:\Windows\system32\drivers\vstxraid.sys	8.0.9200.8110
WacomPen	Wacom Serial Pen HID Driver	C:\Windows\system32\drivers\wacompen.sys	10.0.17763.1
wanarp	Remote Access IP ARP Driver	C:\Windows\system32\DRIVERS\wanarp.sys	10.0.17763.14
wanarpv6	Remote Access IPv6 ARP Driver	C:\Windows\system32\DRIVERS\wanarp.sys	10.0.17763.14
wcifs		C:\Windows\system32\drivers\wcifs.sys	10.0.17763.35

Name	Description	Path	Version
	Windows Container Isolation		
wcnfs	Windows Container Name Virtualization	C:\Windows\system32\drivers\wcnfs.sys	10.0.17763.34
Wdf01000	Kernel Mode Driver Frameworks service	C:\Windows\system32\drivers\Wdf01000.sys	1.27.17763.11
WdmCompanionFilter	WdmCompanionFilter	C:\Windows\system32\drivers\WdmCompanionFilter.sys	10.0.17763.1
WFPLWFS	Microsoft Windows Filtering Platform	C:\Windows\system32\drivers\wfplwfs.sys	10.0.17763.77
WIMMount	WIMMount	C:\Windows\system32\drivers\wimmount.sys	10.0.17763.1
WindowsTrustedRT	Windows Trusted Execution Environment Class Extension	C:\Windows\system32\drivers\WindowsTrustedRT.sys	10.0.17763.29
WindowsTrustedRTProxy	Microsoft Windows Trusted Runtime Secure Service	C:\Windows\system32\drivers\WindowsTrustedRTProxy.sys	10.0.17763.1
WinMad	WinMad Service	C:\Windows\system32\drivers\winmad.sys	5.50.14643.0
WinNat	Windows NAT Driver	C:\Windows\system32\drivers\winnat.sys	10.0.17763.22
WinQuic	WinQuic	C:\Windows\system32\drivers\winquic.sys	10.0.17763.40
WINUSB	WinUsb Driver	C:\Windows\system32\drivers\WinUSB.SYS	10.0.17763.1
WinVerbs	WinVerbs Service	C:\Windows\system32\drivers\winverbs.sys	5.50.14643.0
WmiAcpi	Microsoft Windows Management Interface for ACPI	C:\Windows\system32\drivers\wmiacpi.sys	10.0.17763.1
Wof	Windows Overlay File System Filter Driver	C:\Windows\system32\drivers\Wof.sys	10.0.17763.18
WpdUpFltr	WPD Upper Class Filter Driver	C:\Windows\system32\drivers\WpdUpFltr.sys	10.0.17763.1
ws2ifsl	Winsock IFS Driver	C:\Windows\system32\drivers\ws2ifsl.sys	10.0.17763.73
WudfPf	User Mode Driver Frameworks Platform Driver	C:\Windows\system32\drivers\WudfPf.sys	10.0.17763.1
WUDFRd	Windows Driver Foundation - User-mode Driver Framework Reflector	C:\Windows\system32\drivers\WUDFRd.sys	10.0.17763.27
WUDFWpdFs	WPD File System driver	C:\Windows\system32\drivers\WUDFRd.sys	10.0.17763.27

Stop: 06/11/2022 7:57:32 AM.

Back to Summary
Back to Top

List System Information

Description: List system information such as computer model and domain.
Start: 06/11/2022 7:57:32 AM.

HP-SRV1.csaplho.pk

Gathering System Information for HP-SRV1.csaplho.pk

Item	Value
System Name	HP-SRV1
System Manufacturer	HPE
System Model	ProLiant DL360 Gen10
User Name	Value Not Found

Item	Value
Domain	csaplho.pk
Time Zone	Pakistan Standard Time
Daylight in Effect	False
System Type	64-bit x64 Family
Number Of Processors	2
Processor #1	GenuineIntel Intel64 Family 6 Model 85 Stepping 7 at 2.34 GHz
Processor #2	GenuineIntel Intel64 Family 6 Model 85 Stepping 7 at 2.34 GHz

HP-SRV2.csaplho.pk

Gathering System Information for HP-SRV2.csaplho.pk

Item	Value
System Name	HP-SRV2
System Manufacturer	HPE
System Model	ProLiant DL360 Gen10
User Name	Value Not Found
Domain	csaplho.pk
Time Zone	Pakistan Standard Time
Daylight in Effect	False
System Type	64-bit x64 Family
Number Of Processors	2
Processor #1	GenuineIntel Intel64 Family 6 Model 85 Stepping 7 at 2.34 GHz
Processor #2	GenuineIntel Intel64 Family 6 Model 85 Stepping 7 at 2.34 GHz

HP-SRV3.csaplho.pk

Gathering System Information for HP-SRV3.csaplho.pk

Item	Value
System Name	HP-SRV3
System Manufacturer	HPE
System Model	ProLiant DL360 Gen10
User Name	Value Not Found
Domain	csaplho.pk
Time Zone	Pakistan Standard Time
Daylight in Effect	False
System Type	64-bit x64 Family
Number Of Processors	2
Processor #1	GenuineIntel Intel64 Family 6 Model 85 Stepping 7 at 2.34 GHz
Processor #2	GenuineIntel Intel64 Family 6 Model 85 Stepping 7 at 2.34 GHz

Stop: 06/11/2022 7:57:32 AM.

Back to Summary
Back to Top

List TPM Information

Description: List TPM information from each node.
Start: 06/11/2022 7:57:32 AM.

HP-SRV1.csaplho.pk

Gathering TPM Information for HP-SRV1.csaplho.pk
Unable to retrieve TPM information. This may happen either because the machine does not have a physical TPM chip installed or TPM is disabled in BIOS settings.

HP-SRV2.csaplho.pk

Gathering TPM Information for HP-SRV2.csaplho.pk

Unable to retrieve TPM information. This may happen either because the machine does not have a physical TPM chip installed or TPM is disabled in BIOS settings.

HP-SRV3.csaplho.pk

Gathering TPM Information for HP-SRV3.csaplho.pk
Unable to retrieve TPM information. This may happen either because the machine does not have a physical TPM chip installed or TPM is disabled in BIOS settings.

Stop: 06/11/2022 7:57:32 AM.

Back to Summary
Back to Top

List Unsigned Drivers

Description: List the unsigned drivers on each node.
Start: 06/11/2022 7:57:32 AM.

HP-SRV1.csaplho.pk

Gathering Unsigned Drivers for HP-SRV1.csaplho.pk
None found...

HP-SRV2.csaplho.pk

Gathering Unsigned Drivers for HP-SRV2.csaplho.pk
None found...

HP-SRV3.csaplho.pk

Gathering Unsigned Drivers for HP-SRV3.csaplho.pk
None found...

Stop: 06/11/2022 7:57:52 AM.

Back to Summary
Back to Top

Validate Active Directory Configuration

Description: Validate that all the nodes have the same domain, domain role, and organizational unit.
Start: 06/11/2022 7:57:57 AM.
Validating that all nodes have the same domain, domain role, and organizational unit.

Fqdn	Domain	Domain Role	Site Name	Organizational Unit
HP-SRV1.csaplho.pk	csaplho.pk	Member Server	COADC	OU=Servers
HP-SRV2.csaplho.pk	csaplho.pk	Member Server	COADC	OU=Servers
HP-SRV3.csaplho.pk	csaplho.pk	Member Server	COADC	OU=Servers

Node(s) HP-SRV1.csaplho.pk HP-SRV2.csaplho.pk HP-SRV3.csaplho.pk can reach a writable domain controller.
Organizational unit OU=Servers,DC=csaplho,DC=pk does not have correct permissions to enable protection of cluster computer objects from accidental deletion.
The organizational unit OU=Servers,DC=csaplho,DC=pk is not configured properly to prevent accidental deletion of computer objects. To give cluster computer objects the highest level of protection from inadvertent deletion, you should ensure that 'Delete All Child Object' permissions is set to 'Deny' for 'Everyone' on the organizational unit OU=Servers,DC=csaplho,DC=pk.
Stop: 06/11/2022 7:57:58 AM.

Back to Summary
Back to Top

Validate All Drivers Signed

Description: Validate that tested servers contain only signed drivers.
Start: 06/11/2022 7:57:58 AM.
Validating that the servers contain only signed drivers...

The servers contain only signed drivers.
Stop: 06/11/2022 7:58:02 AM.

Back to Summary
Back to Top

Validate Cluster Network Configuration

Description: Validate the cluster networks that would be created for these servers.
Start: 06/11/2022 8:00:53 AM.

Network: Cluster Network 1
DHCP Enabled: False
Network Role: Enabled

Prefix	Prefix Length
10.11.0.0	16

Item	Value
Network Interface	HP-SRV1.csaplho.pk - vEthernet (V-PROD)
DHCP Enabled	False
Connected to iSCSI target	False
IP Address	10.11.0.104
Prefix Length	16

Item	Value
Network Interface	HP-SRV2.csaplho.pk - vEthernet (V-PROD)
DHCP Enabled	False
Connected to iSCSI target	False
IP Address	10.11.0.108
Prefix Length	16

Item	Value
Network Interface	HP-SRV3.csaplho.pk - vEthernet (V-PROD)
DHCP Enabled	False
Connected to iSCSI target	False
IP Address	10.11.0.112
Prefix Length	16

Network: Cluster Network 2
DHCP Enabled: False
Network Role: Internal

Prefix	Prefix Length
192.168.10.0	24

Item	Value
Network Interface	HP-SRV1.csaplho.pk - V-MIGRATION
DHCP Enabled	False
Connected to iSCSI target	False
IP Address	192.168.10.17
Prefix Length	24

Item	Value
Network Interface	HP-SRV2.csaplho.pk - V-MIGRATION
DHCP Enabled	False
Connected to iSCSI target	False
IP Address	192.168.10.18
Prefix Length	24

Item	Value
Network Interface	HP-SRV3.csaplho.pk - V-MIGRATION
DHCP Enabled	False
Connected to iSCSI target	False
IP Address	192.168.10.19
Prefix Length	24

Verifying that each cluster network interface within a cluster network is configured with the same IP subnets.
Examining network Cluster Network 1.
Network interface HP-SRV1.csaplho.pk - vEthernet (V-PROD) has addresses on all the subnet prefixes of network Cluster Network 1.
Network interface HP-SRV3.csaplho.pk - vEthernet (V-PROD) has addresses on all the subnet prefixes of network Cluster Network 1.

Network interface HP-SRV2.csaplho.pk - vEthernet (V-PROD) has addresses on all the subnet prefixes of network Cluster Network 1.
Examining network Cluster Network 2.
Network interface HP-SRV3.csaplho.pk - V-MIGRATION has addresses on all the subnet prefixes of network Cluster Network 2.
Network interface HP-SRV1.csaplho.pk - V-MIGRATION has addresses on all the subnet prefixes of network Cluster Network 2.
Network interface HP-SRV2.csaplho.pk - V-MIGRATION has addresses on all the subnet prefixes of network Cluster Network 2.
Verifying that, for each cluster network, all adapters are consistently configured with either DHCP or static IP addresses.
Checking DHCP consistency for network: Cluster Network 1. Network DHCP status is disabled.
DHCP status (disabled) for network interface HP-SRV1.csaplho.pk - vEthernet (V-PROD) matches network Cluster Network 1.
DHCP status (disabled) for network interface HP-SRV3.csaplho.pk - vEthernet (V-PROD) matches network Cluster Network 1.
DHCP status (disabled) for network interface HP-SRV2.csaplho.pk - vEthernet (V-PROD) matches network Cluster Network 1.
Checking DHCP consistency for network: Cluster Network 2. Network DHCP status is disabled.
DHCP status (disabled) for network interface HP-SRV3.csaplho.pk - V-MIGRATION matches network Cluster Network 2.
DHCP status (disabled) for network interface HP-SRV1.csaplho.pk - V-MIGRATION matches network Cluster Network 2.
DHCP status (disabled) for network interface HP-SRV2.csaplho.pk - V-MIGRATION matches network Cluster Network 2.
Stop: 06/11/2022 8:00:53 AM.

Back to Summary
Back to Top

Validate Cluster Nodes

Description: Validate the State and OS version of the cluster nodes.
Start: 06/11/2022 7:57:55 AM.
Validating cluster nodes.

Node	State	Information Details
HP-SRV1	Up	
HP-SRV2	Up	
HP-SRV3	Up	

Stop: 06/11/2022 7:57:55 AM.

Back to Summary
Back to Top

Validate Cluster Service and Driver Settings

Description: Validate startup settings used by services and drivers, including the Cluster service, cluster storage, Cluster Shared Volumes, and the cluster virtual network adapter.
Start: 06/11/2022 7:58:02 AM.
Validating the Cluster service (clussvc) on HP-SRV1.csaplho.pk.
Validating the Microsoft Failover Cluster Virtual Adapter (NetFT) on HP-SRV1.csaplho.pk.
Validating the Microsoft cluster disk driver (clusdisk) on HP-SRV1.csaplho.pk.
Validating the Cluster service (clussvc) on HP-SRV2.csaplho.pk.
Validating the Microsoft Failover Cluster Virtual Adapter (NetFT) on HP-SRV2.csaplho.pk.
Validating the Microsoft cluster disk driver (clusdisk) on HP-SRV2.csaplho.pk.
Validating the Cluster service (clussvc) on HP-SRV3.csaplho.pk.
Validating the Microsoft Failover Cluster Virtual Adapter (NetFT) on HP-SRV3.csaplho.pk.
Validating the Microsoft cluster disk driver (clusdisk) on HP-SRV3.csaplho.pk.
Stop: 06/11/2022 7:58:02 AM.

Back to Summary
Back to Top

Validate Compatibility of Virtual Fibre Channel SANs for Hyper-V

Description: Validate that all specified nodes share the same set of virtual Fibre Channel storage area networks (SANs).
Start: 06/11/2022 8:01:37 AM.
Gathering information about virtual Fibre Channel storage area networks (SANs) used by servers running Hyper-V.

Node	Virtual Fibre Channel SANs
HP-SRV1.csaplho.pk	
HP-SRV2.csaplho.pk	
HP-SRV3.csaplho.pk	

Processing information about virtual Fibre Channel storage area networks (SANs) used by servers running Hyper-V.
Stop: 06/11/2022 8:01:37 AM.

Back to Summary
Back to Top

Validate CSV Network Bindings

Description: Validate that network bindings required by Cluster Shared Volumes are present.
Start: 06/11/2022 7:54:16 AM.
Validating File and Print Sharing network binding on node HP-SRV1.csaplho.pk.
Validating File and Print Sharing network binding on node HP-SRV2.csaplho.pk.
Validating File and Print Sharing network binding on node HP-SRV3.csaplho.pk.
Stop: 06/11/2022 7:54:16 AM.

Back to Summary
Back to Top

Validate CSV Settings

Description: Validate that settings and configuration required by Cluster Shared Volumes are present. This test can only be run with an administrative account, and it only tests servers that are cluster nodes.
Start: 06/11/2022 7:54:16 AM.
Validating Server Message Block (SMB) share access through the IP address of the fault tolerant network driver for failover clustering (NetFT), and connecting with the user account associated with validation.
Begin Cluster Shared Volumes support testing on node HP-SRV1.csaplho.pk.
Begin Cluster Shared Volumes support testing on node HP-SRV2.csaplho.pk.
Begin Cluster Shared Volumes support testing on node HP-SRV3.csaplho.pk.
Validating Server Message Block (SMB) share access through the IP address of the fault tolerant network driver for failover clustering (NetFT), and connecting with the Cluster Shared Volumes test user account.
Validating access using Server Message Block (SMB) protocol from node HP-SRV1.csaplho.pk to a share on node HP-SRV2.csaplho.pk.
For the new Server Message Block (SMB) share, a connection was successfully made by using the Cluster Shared Volumes test user account, from node HP-SRV1.csaplho.pk to the share on node HP-SRV2.csaplho.pk.
Validating access using Server Message Block (SMB) protocol from node HP-SRV2.csaplho.pk to a share on node HP-SRV3.csaplho.pk.
For the new Server Message Block (SMB) share, a connection was successfully made by using the Cluster Shared Volumes test user account, from node HP-SRV2.csaplho.pk to the share on node HP-SRV3.csaplho.pk.
Validating access using Server Message Block (SMB) protocol from node HP-SRV3.csaplho.pk to a share on node HP-SRV1.csaplho.pk.
For the new Server Message Block (SMB) share, a connection was successfully made by using the Cluster Shared Volumes test user account, from node HP-SRV3.csaplho.pk to the share on node HP-SRV1.csaplho.pk.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate Disk Access Latency

Description: Validate acceptable latency for disk read and write operations.
Start: 06/11/2022 7:54:17 AM.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate Disk Arbitration

Description: Validate that a node that owns a disk retains ownership after disk arbitration.
Start: 06/11/2022 7:54:17 AM.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate Disk Failover

Description: Validate that a disk can fail over successfully with data intact.
Start: 06/11/2022 7:54:17 AM.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate File System

Description: Validate that the file system on disks in shared storage is supported by failover clusters and Cluster Shared Volumes (CSVs). Failover cluster physical disk resources support NTFS, ReFS, FAT32, FAT, and RAW. Only volumes formatted as NTFS or ReFS are accessible in disks added as CSVs.
Start: 06/11/2022 7:54:17 AM.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate Hyper-V Configuration Version

Description: Validate the configuration versions supported by the cluster nodes and configuration version of all clustered virtual machines.
Start: 06/11/2022 8:01:31 AM.
Gathering configuration version information for clustered Hyper-V virtual machines.
The configuration versions of the clustered virtual machines are within supported ranges by the cluster.
The configuration version of the following virtual machines should be upgraded to gain additional functionality.

Virtual Machines with Configuration Versions Eligible for Upgrade

Node	Virtual Machine
HP-SRV1.csaplho.pk	Virtual Machine CS-AV2

Stop: 06/11/2022 8:01:31 AM.

Back to Summary
Back to Top

Validate Hyper-V Integration Services Version

Description: Validate that the Hyper-V integration services are up to date on all virtual machines.
Start: 06/11/2022 8:01:31 AM.
Stop: 06/11/2022 8:01:31 AM.

Back to Summary
Back to Top

Validate Hyper-V Memory Resource Pool Compatibility

Description: Validate that all specified nodes share the same set of memory resource pools.
Start: 06/11/2022 8:01:37 AM.
Gathering information about memory resource pools used by servers running Hyper-V.

Node	Memory Resource Pools
HP-SRV1.csaplho.pk	
HP-SRV2.csaplho.pk	
HP-SRV3.csaplho.pk	

Processing information about memory resource pools used by servers running Hyper-V.
Stop: 06/11/2022 8:01:38 AM.

Back to Summary
Back to Top

Validate Hyper-V Network Resource Pool And Virtual Switch Compatibility

Description: Validate that all specified nodes share the same set of network resource pools and virtual switches.
Start: 06/11/2022 8:01:38 AM.
Gathering information about network resource pools used by servers running Hyper-V.

Node	Network Resource Pools	Virtual Ethernet Switches
HP-SRV1.csaplho.pk		'V-PROD'
HP-SRV2.csaplho.pk		'V-PROD'
HP-SRV3.csaplho.pk		'V-PROD'

Processing information about network resource pools used by servers running Hyper-V.
Stop: 06/11/2022 8:01:38 AM.

Back to Summary
Back to Top

Validate Hyper-V Processor Resource Pool Compatibility

Description: Validate that all specified nodes share the same set of processor resource pools.
Start: 06/11/2022 8:01:38 AM.
Gathering information about processor resource pools used by servers running Hyper-V.

Node	Processor Resource Pools
HP-SRV1.csaplho.pk	
HP-SRV2.csaplho.pk	
HP-SRV3.csaplho.pk	

Processing information about processor resource pools used by servers running Hyper-V.
Stop: 06/11/2022 8:01:38 AM.

Back to Summary
Back to Top

Validate Hyper-V Role Installed

Description: Validate that all the nodes have the Hyper-V server role installed.
Start: 06/11/2022 8:01:27 AM.
Validating that the Hyper-V server role is installed on all nodes.

Node	Hyper-V Installed
HP-SRV1.csaplho.pk	True
HP-SRV2.csaplho.pk	True
HP-SRV3.csaplho.pk	True

Stop: 06/11/2022 8:01:27 AM.

Back to Summary
Back to Top

Validate Hyper-V Storage Resource Pool Compatibility

Description: Validate that all specified nodes share the same set of storage resource pools.
Start: 06/11/2022 8:01:27 AM.
Gathering information about storage resource pools used by servers running Hyper-V.

Node	Storage Resource Pools
HP-SRV1.csaplho.pk	
HP-SRV2.csaplho.pk	
HP-SRV3.csaplho.pk	

Processing information about storage resource pools used by servers running Hyper-V.
Stop: 06/11/2022 8:01:27 AM.

Back to Summary
Back to Top

Validate Hyper-V Virtual Machine Network Configuration

Description: Validate that all virtual machines on the specified nodes are configured with cluster-compatible network settings.
Start: 06/11/2022 8:01:31 AM.
Gathering network configuration data for Hyper-V virtual machines.
All clustered virtual machines are using network resource pools properly.
Stop: 06/11/2022 8:01:33 AM.

Back to Summary
Back to Top

Validate Hyper-V Virtual Machine Storage Configuration

Description: Validate that all virtual machines on the specified nodes are configured with cluster-compatible storage settings.
Start: 06/11/2022 8:01:33 AM.
Gathering virtual machine storage configuration data for Hyper-V virtual machines.

Virtual Machine	Number of Fibre Channel HBAs	Configuration Data Root	Checkpoint Data Root	Smart Paging Data Root	VHDs
Virtual Machine Ad-Sync	0	C:\ClusterStorage\NOP-R5\Ad-sync\Ad-Sync	C:\ClusterStorage\NOP-R5\Ad-sync\Ad-Sync	C:\ClusterStorage\NOP-R5\Ad-sync\Ad-Sync	'C:\ClusterStorage\NOP-R5\Ad-sync\Ad-Sync\Virtual Hard Disks\Ad-Sync.vhdx'
Virtual Machine APEX-PROD	0	C:\ClusterStorage\nop-r5\apex-prod\APEX-PROD	C:\ClusterStorage\nop-r5\apex-prod\APEX-PROD	C:\ClusterStorage\nop-r5\apex-prod\APEX-PROD	'C:\ClusterStorage\NOP-R5\apex-prod\APEX-PROD\Virtual Hard Disks\APEX-PROD-Disk01.vhdx', 'C:\ClusterStorage\NOP-R5\apex-prod\apex-prod\virtual hard disks\APEX-PROD-Disk02.vhdx', 'C:\ClusterStorage\NOP-R5\apex-prod\apex-prod\virtual hard disks\APEX-PROD-Disk03.vhdx', 'C:\ClusterStorage\NOP-R5\apex-prod\apex-prod\virtual hard disks\APEX-PROD-Disk04.vhdx', 'C:\ClusterStorage\NOP-R5\APEX-PROD\APEX-PROD\Virtual Hard Disks\APEX-PROD-Disk05.vhd'
Virtual Machine CS-AV2	0	C:\ClusterStorage\NOP-R5\CS-AV2\CS-AV2\CS-AV2	C:\ClusterStorage\NOP-R5\CS-AV2\CS-AV2\CS-AV2	C:\ClusterStorage\NOP-R5\CS-AV2\CS-AV2\CS-AV2	'C:\ClusterStorage\NOP-R5\CS-AV2\CS-AV2\CS-AV2\Virtual Hard Disks\CS-AV2.VHDX', 'C:\ClusterStorage\NOP-R5\CS-AV2\DATA-BACKUPS\FileServerBackupDrive\data-backups.vhdx'
Virtual Machine CS-CATALYST	0	C:\ClusterStorage\nop-r5\cs-catalyst\CS-CATALYST	C:\ClusterStorage\nop-r5\cs-catalyst\CS-CATALYST	C:\ClusterStorage\nop-r5\cs-catalyst\CS-CATALYST	'C:\ClusterStorage\NOP-R5\cs-catalyst\cs-catalyst-os.vhdx', 'C:\ClusterStorage\NOP-R5\cs-catalyst\cs-catalyst-data.vhdx'
Virtual Machine CS-CATALYST-TEST	0	C:\ClusterStorage\nop-r5\cs-catalyst-test\CS-CATALYST-TEST	C:\ClusterStorage\nop-r5\cs-catalyst-test\CS-CATALYST-TEST	C:\ClusterStorage\nop-r5\cs-catalyst-test\CS-CATALYST-TEST	'C:\ClusterStorage\NOP-R5\cs-catalyst-test\cs-catalyst-os.vhdx', 'C:\ClusterStorage\NOP-R5\cs-catalyst-test\cs-catalyst-data.vhdx'
Virtual Machine DC-DOMAIN	0	C:\ClusterStorage\NOP-R5\DC-DOMAIN\DC-DOMAIN	C:\ClusterStorage\NOP-R5\DC-DOMAIN\DC-DOMAIN	C:\ClusterStorage\NOP-R5\DC-DOMAIN\DC-DOMAIN	'C:\ClusterStorage\NOP-R5\DC-DOMAIN\DC-DOMAIN\Virtual Hard Disks\DC-DOMAIN.vhdx'
Virtual Machine ECC	0	C:\ClusterStorage\OP-R5\ECC\ECC\ECC	C:\ClusterStorage\OP-R5\ECC\ECC\ECC	C:\ClusterStorage\OP-R5\ECC\ECC\ECC	'C:\ClusterStorage\OP-R5\ECC\ECC\Virtual Hard Disks\ECC.vhdx', 'C:\ClusterStorage\OP-R5\ECC\ECC\Virtual Hard Disks\ECC-Disk02.vhdx'
Virtual Machine ECC-TEST	0	C:\ClusterStorage\nop-r5\ecc-test\ecc-test	C:\ClusterStorage\nop-r5\ecc-test\ecc-test	C:\ClusterStorage\nop-r5\ecc-test\ecc-test	'C:\ClusterStorage\nop-r5\ecc-test\ecc-test\Virtual Hard Disks\ecc-test.vhdx', 'C:\ClusterStorage\nop-r5\ecc-test\ecc-test\Virtual Hard Disks\ecc-test-disk02.vhdx'
Virtual Machine ERP PRODUCTION	0	C:\ClusterStorage\OP-R5\ERP-PRODUCTION\ERP PRODUCTION	C:\ClusterStorage\OP-R5\ERP-PRODUCTION\ERP PRODUCTION	C:\ClusterStorage\OP-R5\ERP-PRODUCTION\ERP PRODUCTION	'C:\ClusterStorage\OP-R5\ERP-PRODUCTION\ERP PRODUCTION\Virtual Hard Disks\ERP PRODUCTION-Disk01.vhdx', 'C:\ClusterStorage\OP-R5\ERP-PRODUCTION\ERP PRODUCTION\Virtual Hard Disks\ERP PRODUCTION-Disk02.vhdx', 'C:\ClusterStorage\OP-R5\ERP-PRODUCTION\ERP PRODUCTION\Virtual Hard Disks\ERP PRODUCTION-Disk03.vhdx', 'C:\ClusterStorage\OP-R5\ERP-PRODUCTION\ERP PRODUCTION\Virtual Hard Disks\ERP PRODUCTION-Disk04.vhdx'
Virtual Machine ERPCSAPL	0	C:\ClusterStorage\NOP-R5\ERPCSAPL\ERPCSAPL	C:\ClusterStorage\NOP-R5\ERPCSAPL\ERPCSAPL	C:\ClusterStorage\NOP-R5\ERPCSAPL\ERPCSAPL	'C:\ClusterStorage\NOP-R5\ERPCSAPL\ERPCSAPL\Virtual Hard Disks\ERPCSAPL.vhdx', 'C:\ClusterStorage\NOP-R5\ERPCSAPL\ERPCSAPL\Virtual Hard Disks\ERPCSAPL-Disk02.vhdx'
Virtual Machine ERP-PROD	0	C:\ClusterStorage\NOP-R5\ERP-PROD\ERP-PROD	C:\ClusterStorage\NOP-R5\ERP-PROD\ERP-PROD	C:\ClusterStorage\NOP-R5\ERP-PROD\ERP-PROD	'C:\ClusterStorage\NOP-R5\ERP-PROD\ERP-PROD\Virtual Hard Disks\ERP-PROD-Disk01.vhdx', 'C:\ClusterStorage\NOP-R5\ERP-PROD\ERP-PROD\Virtual Hard Disks\ERP-PROD-Disk02.vhdx', 'C:\ClusterStorage\NOP-R5\ERP-PROD\ERP-PROD\Virtual Hard Disks\ERP-PROD-Disk03.vhdx'
Virtual Machine HESK	0	C:\ClusterStorage\nop-r5\hesk\HESK	C:\ClusterStorage\nop-r5\hesk\HESK	C:\ClusterStorage\nop-r5\hesk\HESK	'C:\ClusterStorage\NOP-R5\hesk\eleave-os.vhdx'
Virtual Machine HP-IRS	0	C:\ClusterStorage\NOP-R5\HP-IRS\HP-IRS	C:\ClusterStorage\NOP-R5\HP-IRS\HP-IRS	C:\ClusterStorage\NOP-R5\HP-IRS\HP-IRS	'C:\ClusterStorage\NOP-R5\HP-IRS\HP-IRS\Virtual Hard Disks\HP-IRS_A3E6C5C9-44AC-4957-8F15-98938A8FBDE1.avhdx'
Virtual Machine HRMS-PRODUCTION	0	C:\ClusterStorage\op-r5\hrms-production\HRMS-PRODUCTION	C:\ClusterStorage\op-r5\hrms-production\HRMS-PRODUCTION	C:\ClusterStorage\op-r5\hrms-production\HRMS-PRODUCTION	'C:\ClusterStorage\OP-R5\hrms-production\HRMS-PRODUCTION\Virtual Hard Disks\C.vhdx', 'C:\ClusterStorage\OP-R5\hrms-production\hrms-production\virtual hard disks\Z.vhdx'
Virtual Machine kiwi-syslog-server	0	C:\ClusterStorage\NOP-R5\kiwi-syslog-server\kiwi-syslog-server	C:\ClusterStorage\NOP-R5\kiwi-syslog-server\kiwi-syslog-server	C:\ClusterStorage\NOP-R5\kiwi-syslog-server\kiwi-syslog-server	'C:\ClusterStorage\NOP-R5\kiwi-syslog-server\kiwi-syslog-server\Virtual Hard Disks\kiwi-syslog-server.vhdx'
Virtual Machine NMS	0	C:\ClusterStorage\NOP-R5\NMS\NMS\NMS	C:\ClusterStorage\NOP-R5\NMS\NMS\NMS	C:\ClusterStorage\NOP-R5\NMS\NMS\NMS	'C:\ClusterStorage\NOP-R5\NMS\NMS\Virtual Hard Disks\NMS.vhdx'
	0				

Virtual Machine	Number of Fibre Channel HBAs	Configuration Data Root	Checkpoint Data Root	Smart Paging Data Root	VHDs
Virtual Machine Reception System		C:\ClusterStorage\NOP-R5\RS	C:\ClusterStorage\NOP-R5\RS	C:\ClusterStorage\NOP-R5\RS	'C:\ClusterStorage\NOP-R5\RS\Reception System_8A2E138F-D55F-4929-88CC-1AD13C463D0B.avhdx'
Virtual Machine SYSLOG-SERVER	0	C:\ClusterStorage\nop-r5\syslog-server\SYSLOG-SERVER	C:\ClusterStorage\nop-r5\syslog-server\SYSLOG-SERVER	C:\ClusterStorage\nop-r5\syslog-server\SYSLOG-SERVER	'C:\ClusterStorage\nop-r5\syslog-server\SYSLOG-SERVER\Virtual Hard Disks\C_093C4BE3-06F3-4C42-AC9D-922F3D8531E5.avhdx'

Stop: 06/11/2022 8:01:37 AM.

Back to Summary
Back to Top

Validate IP Configuration

Description: Validate that IP addresses are unique and subnets configured correctly.
Start: 06/11/2022 8:00:53 AM.

HP-SRV1.csaplho.pk

Item	Name
Adapter Name	Local Area Connection* 11
Adapter Description	Microsoft Failover Cluster Virtual Adapter
Physical Address	02-9B-72-77-E0-D3
Status	Operational
LBFO Enabled	No
DNS Servers	
DNS Suffix Search Order	csaplho.pk
IP Address	fe80::9076:ce01:5dec:767d%10
Prefix Length	64
IP Address	169.254.2.140
Prefix Length	16

Item	Name
Adapter Name	vEthernet (V-PROD)
Adapter Description	Hyper-V Virtual Ethernet Adapter
Physical Address	94-40-C9-45-8B-B1
Status	Operational
LBFO Enabled	No
DNS Servers	10.11.0.25, 10.1.0.45
DNS Suffix Search Order	csaplho.pk
IP Address	10.11.0.104
Prefix Length	16
IP Address	10.11.0.115
Prefix Length	16
IP Address	10.11.0.116
Prefix Length	16

Item	Name
Adapter Name	V-MIGRATION
Adapter Description	Microsoft Network Adapter Multiplexor Driver #2
Physical Address	94-40-C9-45-8B-B2
Status	Operational
LBFO Enabled	Yes
DNS Servers	
DNS Suffix Search Order	csaplho.pk
IP Address	192.168.10.17
Prefix Length	24

Item	Name
Adapter Name	Loopback Pseudo-Interface 1
Adapter Description	Software Loopback Interface 1
Physical Address	
Status	Operational
LBFO Enabled	No

Item	Name
DNS Servers	
DNS Suffix Search Order	
IP Address	::1
Prefix Length	128
IP Address	127.0.0.1
Prefix Length	8

HP-SRV2.csaplho.pk

Item	Name
Adapter Name	Local Area Connection* 11
Adapter Description	Microsoft Failover Cluster Virtual Adapter
Physical Address	02-A4-A7-4B-C6-31
Status	Operational
LBFO Enabled	No
DNS Servers	
DNS Suffix Search Order	csaplho.pk
IP Address	fe80::14eb:301:8538:f361%17
Prefix Length	64
IP Address	169.254.1.41
Prefix Length	16

Item	Name
Adapter Name	vEthernet (V-PROD)
Adapter Description	Hyper-V Virtual Ethernet Adapter
Physical Address	94-40-C9-45-6B-61
Status	Operational
LBFO Enabled	No
DNS Servers	10.11.0.25, 10.1.0.45
DNS Suffix Search Order	csaplho.pk
IP Address	10.11.0.108
Prefix Length	16

Item	Name
Adapter Name	V-MIGRATION
Adapter Description	Microsoft Network Adapter Multiplexor Driver #2
Physical Address	94-40-C9-45-6B-63
Status	Operational
LBFO Enabled	Yes
DNS Servers	
DNS Suffix Search Order	csaplho.pk
IP Address	192.168.10.18
Prefix Length	24

Item	Name
Adapter Name	Loopback Pseudo-Interface 1
Adapter Description	Software Loopback Interface 1
Physical Address	
Status	Operational
LBFO Enabled	No
DNS Servers	
DNS Suffix Search Order	
IP Address	::1
Prefix Length	128
IP Address	127.0.0.1
Prefix Length	8

HP-SRV3.csaplho.pk

Item	Name
Adapter Name	Local Area Connection* 11
Adapter Description	Microsoft Failover Cluster Virtual Adapter

Item	Name
Physical Address	02-00-D6-0A-C4-A6
Status	Operational
LBFO Enabled	No
DNS Servers	
DNS Suffix Search Order	csaplho.pk
IP Address	fe80::bc1c:9014:5d04:25d7%11
Prefix Length	64
IP Address	169.254.3.81
Prefix Length	16

Item	Name
Adapter Name	vEthernet (V-PROD)
Adapter Description	Hyper-V Virtual Ethernet Adapter
Physical Address	94-40-C9-45-6B-69
Status	Operational
LBFO Enabled	No
DNS Servers	10.11.0.25, 10.1.0.45
DNS Suffix Search Order	csaplho.pk
IP Address	10.11.0.112
Prefix Length	16

Item	Name
Adapter Name	V-MIGRATION
Adapter Description	Microsoft Network Adapter Multiplexor Driver #2
Physical Address	94-40-C9-45-6B-6B
Status	Operational
LBFO Enabled	Yes
DNS Servers	
DNS Suffix Search Order	csaplho.pk
IP Address	192.168.10.19
Prefix Length	24

Item	Name
Adapter Name	Loopback Pseudo-Interface 1
Adapter Description	Software Loopback Interface 1
Physical Address	
Status	Operational
LBFO Enabled	No
DNS Servers	
DNS Suffix Search Order	
IP Address	::1
Prefix Length	128
IP Address	127.0.0.1
Prefix Length	8

Verifying that each node has at least one adapter with a defined default gateway.
Verifying that the DNS Suffix Search Order exists and is consistent between machines.
Verifying that there are no duplicate IP addresses between any pair of nodes.
Checking that nodes are consistently configured with IPv4 and/or IPv6 addresses.
Verifying that all nodes IPv4 networks are not configured using Automatic Private IP Addresses (APIPA).
Stop: 06/11/2022 8:00:54 AM.

Back to Summary
Back to Top

Validate Matching Processor Manufacturers

Description: Validate that all specified nodes share the same processor manufacturer.
Start: 06/11/2022 8:01:27 AM.
Validating processor manufacturer compatibility.

Node	Processor Manufacturer	Version
HP-SRV1.csaplho.pk	GenuineIntel	Intel64 Family 6 Model 85 Stepping 7
HP-SRV2.csaplho.pk	GenuineIntel	Intel64 Family 6 Model 85 Stepping 7
HP-SRV3.csaplho.pk	GenuineIntel	Intel64 Family 6 Model 85 Stepping 7

Stop: 06/11/2022 8:01:27 AM.

Back to Summary
Back to Top

Validate Memory Dump Settings

Description: Validate that each node is configured to capture a memory dump other than "Small Memory Dump". "Small Memory Dump" does not contain enough information to diagnose most problems that may trigger a memory.dmp. For clusters hosting Virtual Machines it's recommended to configure the nodes for "Active Dump", which will cause the memory dumps to not include memory allocated to VMs and system caches and allows for smaller memory dumps that still contain data that will allow diagnosing most problems.
Start: 06/11/2022 7:58:02 AM.
Validating software configuration.

HP-SRV1.csaplho.pk

The memory dump file is specified as %SystemRoot%\MEMORY.DMP on node HP-SRV1.csaplho.pk.
The current memory dump setting is 'Automatic Memory Dump' on node HP-SRV1.csaplho.pk.

HP-SRV2.csaplho.pk

The memory dump file is specified as %SystemRoot%\MEMORY.DMP on node HP-SRV2.csaplho.pk.
The current memory dump setting is 'Automatic Memory Dump' on node HP-SRV2.csaplho.pk.

HP-SRV3.csaplho.pk

The memory dump file is specified as %SystemRoot%\MEMORY.DMP on node HP-SRV3.csaplho.pk.
The current memory dump setting is 'Automatic Memory Dump' on node HP-SRV3.csaplho.pk.
Stop: 06/11/2022 7:58:02 AM.

Back to Summary
Back to Top

Validate Microsoft MPIO-based disks

Description: Validate that disks that use Microsoft Multipath I/O (MPIO) have been configured correctly.
Start: 06/11/2022 7:54:17 AM.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate Multiple Arbitration

Description: Validate that in a multiple-node arbitration process, only one node obtains control.
Start: 06/11/2022 7:54:17 AM.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate Multiple Subnet Properties

Description: For clusters using multiple subnets, validate the network properties.
Start: 06/11/2022 8:00:54 AM.
Testing that the HostRecordTTL property for network name Name: HP-CLUSTER is set to the optimal value for the current cluster configuration.
HostRecordTTL property for network name Name: HP-CLUSTER has a value of 1200.
Testing that the PublishPTRRecords property for network name Name: HP-CLUSTER is set to the optimal value for the current cluster configuration.
The PublishPTRRecords property forces the network name to register a PTR in DNS reverse lookup record IP address to name mapping.
Testing that the HostRecordTTL property for network name Name: hp-replica is set to the optimal value for the current cluster configuration.
HostRecordTTL property for network name Name: hp-replica has a value of 1200.
Testing that the PublishPTRRecords property for network name Name: hp-replica is set to the optimal value for the current cluster configuration.
The PublishPTRRecords property forces the network name to register a PTR in DNS reverse lookup record IP address to name mapping.
Stop: 06/11/2022 8:00:54 AM.

Back to Summary
Back to Top

Validate Network Communication

Description: Validate that servers can communicate, with acceptable latency, on all networks.
Start: 06/11/2022 8:00:54 AM.
Analyzing connectivity results ...
Multiple communication paths were detected between each pair of nodes.
Stop: 06/11/2022 8:01:25 AM.

Back to Summary
Back to Top

Validate Operating System Edition

Description: Validate that all tested servers are running operating system editions that include the Failover Clustering feature.
Start: 06/11/2022 7:58:02 AM.
Validating that all servers are running editions that include Failover Clustering.

Node	Operating System Supports Clustering
HP-SRV1.csaplho.pk	Supported
HP-SRV2.csaplho.pk	Supported
HP-SRV3.csaplho.pk	Supported

All servers are running operating system editions that include the Failover Clustering feature.
Stop: 06/11/2022 7:58:03 AM.

Back to Summary
Back to Top

Validate Operating System Installation Option

Description: Validate that the operating systems on the servers use the same installation option.
Start: 06/11/2022 7:58:03 AM.
Validating that the operating systems on the servers use the same installation option.

Node	Installation Type
HP-SRV1.csaplho.pk	Full Install
HP-SRV2.csaplho.pk	Full Install
HP-SRV3.csaplho.pk	Full Install

The servers all use the same installation option.
Stop: 06/11/2022 7:58:03 AM.

Back to Summary
Back to Top

Validate Operating System Version

Description: Validate that the operating systems on the servers are the same version.
Start: 06/11/2022 7:58:03 AM.
Validating that all servers have the same operating version.

Node	Operating System	Version	Manufacturer
HP-SRV1.csaplho.pk	Microsoft Windows Server 2019 Standard	10.0.17763	Microsoft Corporation
HP-SRV2.csaplho.pk	Microsoft Windows Server 2019 Standard	10.0.17763	Microsoft Corporation
HP-SRV3.csaplho.pk	Microsoft Windows Server 2019 Standard	10.0.17763	Microsoft Corporation

All servers have the same operating system version.
Stop: 06/11/2022 7:58:03 AM.

Back to Summary
Back to Top

Validate Quorum Configuration

Description: Validate that the current quorum configuration is optimal for the cluster.
Start: 06/11/2022 7:57:55 AM.
Validating cluster quorum settings.
Witness Type: Disk Witness
Witness Resource: QOURUM

Cluster managed voting: Enabled

Voter Name	State	Assigned Vote	Current Vote
QOURUM	Online	1	0
HP-SRV1	Up	1	1
HP-SRV2	Up	1	1
HP-SRV3	Up	1	1

This quorum model will be able to sustain simultaneous failures of 1 node(s) with the disk witness online and and will be able to sustain simultaneous failures of 0 node(s) when the disk witness goes offline or fails.
This quorum configuration can be changed using the Configure Cluster Quorum wizard. This wizard can be started from the Failover Cluster Manager console by selecting the cluster name in the left hand pane, then in the right "actions" pane selecting "More Actions..." and then selecting "Configure Cluster Quorum Settings...".
Stop: 06/11/2022 7:57:55 AM.

Back to Summary
Back to Top

Validate Required Services

Description: Validate that services required for failover clustering are running and configured properly.
Start: 06/11/2022 7:58:03 AM.
Validating that services required for failover clustering are running and configured properly.

HP-SRV1.csaplho.pk

Service	Display Name	Running	Starts Automatically
RPCSs	Remote Procedure Call (RPC)	Yes	Yes
RemoteRegistry	Remote Registry	Yes	Yes
Lanmanserver	Server	Yes	Yes
Lanmanworkstation	Workstation	Yes	Yes
WinMgmt	Windows Management Instrumentation	Yes	Yes

HP-SRV2.csaplho.pk

Service	Display Name	Running	Starts Automatically
RPCSs	Remote Procedure Call (RPC)	Yes	Yes
RemoteRegistry	Remote Registry	Yes	Yes
Lanmanserver	Server	Yes	Yes
Lanmanworkstation	Workstation	Yes	Yes
WinMgmt	Windows Management Instrumentation	Yes	Yes

HP-SRV3.csaplho.pk

Service	Display Name	Running	Starts Automatically
RPCSs	Remote Procedure Call (RPC)	Yes	Yes
RemoteRegistry	Remote Registry	Yes	Yes
Lanmanserver	Server	Yes	Yes
Lanmanworkstation	Workstation	Yes	Yes
WinMgmt	Windows Management Instrumentation	Yes	Yes

Stop: 06/11/2022 7:58:03 AM.

Back to Summary
Back to Top

Validate Resource Status

Description: Validate that cluster resources are online, and list the cluster resources that are running in separate resource monitors.
Start: 06/11/2022 7:57:55 AM.
Validating cluster resource IP Address: 10.11.0.115.
Validating cluster resource Name: HP-CLUSTER.
Validating cluster resource Name: hp-replica.

Validating cluster resource Hyper-V Replica Broker hp-replica.
Validating cluster resource IP Address: 10.11.0.116.
Validating cluster resource NOP-R5.
Validating cluster resource OP-R5.
Validating cluster resource QOURUM.
Validating cluster resource Storage Qos Resource.
Validating cluster resource Virtual Machine Ad-Sync.
Validating cluster resource Virtual Machine APEX-PROD.
Validating cluster resource Virtual Machine Cluster WMI.
Validating cluster resource Virtual Machine Configuration Ad-Sync.
Validating cluster resource Virtual Machine Configuration APEX-PROD.
Validating cluster resource Virtual Machine Configuration CS-AV2.
Validating cluster resource Virtual Machine Configuration CS-CATALYST.
Validating cluster resource Virtual Machine Configuration CS-CATALYST-TEST.
Validating cluster resource Virtual Machine Configuration DC-DOMAIN.
Validating cluster resource Virtual Machine Configuration ECC.
Validating cluster resource Virtual Machine Configuration ECC-TEST.
Validating cluster resource Virtual Machine Configuration ERP PRODUCTION.
Validating cluster resource Virtual Machine Configuration ERPCSAPL.
Validating cluster resource Virtual Machine Configuration ERP-PROD.
Validating cluster resource Virtual Machine Configuration HESK.
Validating cluster resource Virtual Machine Configuration HP-IRS.
Validating cluster resource Virtual Machine Configuration HRMS-PRODUCTION.
Validating cluster resource Virtual Machine Configuration kiwi-syslog-server.
Validating cluster resource Virtual Machine Configuration NMS.
Validating cluster resource Virtual Machine Configuration Reception System.
Validating cluster resource Virtual Machine Configuration SYSLOG-SERVER.
Validating cluster resource Virtual Machine CS-AV2.
Validating cluster resource Virtual Machine CS-CATALYST.
Validating cluster resource Virtual Machine CS-CATALYST-TEST.
Validating cluster resource Virtual Machine DC-DOMAIN.
Validating cluster resource Virtual Machine ECC.
Validating cluster resource Virtual Machine ECC-TEST.
Validating cluster resource Virtual Machine ERP PRODUCTION.
Validating cluster resource Virtual Machine ERPCSAPL.
Validating cluster resource Virtual Machine ERP-PROD.
This resource is marked with a state of 'Offline'. The functionality that this resource provides is not available while it is in the offline state. The resource may be put in this state by an administrator or program. It may also be a newly created resource which has not been put in the online state or the resource may be dependent on a resource that is not online. Resources can be brought online by choosing the 'Bring this resource online' action in Failover Cluster Manager.
Validating cluster resource Virtual Machine HESK.
Validating cluster resource Virtual Machine HP-IRS.
Validating cluster resource Virtual Machine HRMS-PRODUCTION.
Validating cluster resource Virtual Machine kiwi-syslog-server.
Validating cluster resource Virtual Machine NMS.
Validating cluster resource Virtual Machine Reception System.
Validating cluster resource Virtual Machine SYSLOG-SERVER.
Validating network name resource Name: HP-CLUSTER for Active Directory issues.
Validating network name resource Name: hp-replica for Active Directory issues.
Stop: 06/11/2022 7:57:56 AM.

Back to Summary
Back to Top

Validate Same Processor Architecture

Description: Validate that all servers run as 64-bit systems.
Start: 06/11/2022 7:58:03 AM.
Validating that all servers have the same processor architecture...
HP-SRV1.csaplho.pk has x64 Family processor(s).
HP-SRV1.csaplho.pk has 64-bit Architecture.
HP-SRV2.csaplho.pk has x64 Family processor(s).
HP-SRV2.csaplho.pk has 64-bit Architecture.
HP-SRV3.csaplho.pk has x64 Family processor(s).
HP-SRV3.csaplho.pk has 64-bit Architecture.
Stop: 06/11/2022 7:58:03 AM.

Back to Summary
Back to Top

Validate SCSI device Vital Product Data (VPD)

Description: Validate uniqueness of inquiry data (SCSI page 83h VPD descriptors).
Start: 06/11/2022 7:54:17 AM.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate SCSI-3 Persistent Reservation

Description: Validate that storage supports the SCSI-3 Persistent Reservation commands.
Start: 06/11/2022 7:54:17 AM.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate Service Principal Name

Description: Validate that a Service Principal Name exists for all Network Name resources that have Kerberos enabled.
Start: 06/11/2022 7:57:56 AM.
Validating the service principal names for Name: HP-CLUSTER.
Validating the service principal names for Name: hp-replica.
Stop: 06/11/2022 7:57:57 AM.

Back to Summary
Back to Top

Validate Simultaneous Failover

Description: Validate that disks can fail over simultaneously with data intact.
Start: 06/11/2022 7:54:17 AM.
Validate Simultaneous Failover
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate Software Update Levels

Description: Validate that all tested servers have the same software updates installed and if any have a pending reboot to complete installation of updates.
Start: 06/11/2022 7:58:03 AM.
Validating that all servers have the same software updates...
There was an error retrieving the QFE information from node 'HP-SRV1.csaplho.pk'.
The 'Windows Update' service cannot be started, either because it is disabled or because it has no enabled devices associated with it.
There was an error retrieving the QFE information from node 'HP-SRV3.csaplho.pk'.
Exception from HRESULT: 0x80072EE2
There was an error retrieving the QFE information from node 'HP-SRV2.csaplho.pk'.
Exception from HRESULT: 0x80072EE2

Software Updates missing on 'HP-SRV1.csaplho.pk':
All software updates present

Software Updates missing on 'HP-SRV2.csaplho.pk':
All software updates present

Software Updates missing on 'HP-SRV3.csaplho.pk':
All software updates present

All servers have the same software updates.
The following servers have updates applied which are pending a reboot to take effect. It is recommended to reboot the servers to complete the patching process.
HP-SRV1.csaplho.pk
HP-SRV2.csaplho.pk
HP-SRV3.csaplho.pk
Stop: 06/11/2022 8:00:52 AM.

Back to Summary
Back to Top

Validate Storage Spaces Persistent Reservation

Description: Validate that storage supports the SCSI-3 Persistent Reservation commands needed by Storage Spaces to support clustering.
Start: 06/11/2022 7:54:17 AM.
No disks were found on which to perform cluster validation tests.
Stop: 06/11/2022 7:54:17 AM.

Back to Summary
Back to Top

Validate System Drive Variable

Description: Validate that all nodes have the same value for the system drive environment variable.
Start: 06/11/2022 8:00:52 AM.
Validating that all nodes have the same system drive environment variable.

Node	System Drive
HP-SRV1.csaplho.pk	C:
HP-SRV2.csaplho.pk	C:
HP-SRV3.csaplho.pk	C:

Stop: 06/11/2022 8:00:52 AM.

Back to Summary
Back to Top

Validate Volume Consistency

Description: If any volumes are flagged as inconsistent ("dirty"), provide a reminder that running chkdsk is recommended.
Start: 06/11/2022 7:57:57 AM.
Validating the storage volumes accessible to the cluster 'HP-CLUSTER'.
Checking if the dirty bit is set on NOP-R5.
Checking if the dirty bit is set on OP-R5.
Checking if the dirty bit is set on QOURUM.
Stop: 06/11/2022 7:57:57 AM.

Back to Summary
Back to Top

Validate Windows Firewall Configuration

Description: Validate that the Windows Firewall is properly configured to allow failover cluster network communication.
Start: 06/11/2022 8:01:25 AM.
The Windows Firewall on node 'HP-SRV1.csaplho.pk' is configured to allow network communication between cluster nodes over adapter 'HP-SRV1.csaplho.pk - vEthernet (V-PROD)'.
The Windows Firewall on node 'HP-SRV1.csaplho.pk' is configured to allow network communication between cluster nodes over adapter 'HP-SRV1.csaplho.pk - V-MIGRATION'.
The Windows Firewall on node HP-SRV1.csaplho.pk is configured to allow network communication between cluster nodes.
The Windows Firewall on node 'HP-SRV2.csaplho.pk' is configured to allow network communication between cluster nodes over adapter 'HP-SRV2.csaplho.pk - V-MIGRATION'.
The Windows Firewall on node 'HP-SRV2.csaplho.pk' is configured to allow network communication between cluster nodes over adapter 'HP-SRV2.csaplho.pk - vEthernet (V-PROD)'.
The Windows Firewall on node HP-SRV2.csaplho.pk is configured to allow network communication between cluster nodes.
The Windows Firewall on node 'HP-SRV3.csaplho.pk' is configured to allow network communication between cluster nodes over adapter 'HP-SRV3.csaplho.pk - vEthernet (V-PROD)'.
The Windows Firewall on node 'HP-SRV3.csaplho.pk' is configured to allow network communication between cluster nodes over adapter 'HP-SRV3.csaplho.pk - V-MIGRATION'.
The Windows Firewall on node HP-SRV3.csaplho.pk is configured to allow network communication between cluster nodes.
Stop: 06/11/2022 8:01:26 AM.

Back to Summary
Back to Top