

Virtual machines

Default Directory

+ Create Switch to classic ...

prate

Name ↑

azure-cluster-ssd-v2-prateek-vm-0

azure-cluster-ssd-v2-prateek-vm-0

azure-cluster-ssd-v2-prateek-vm-0

Virtual machine

Search

Connect Start Restart Stop Hibernate (preview) Capture Delete Refresh Open in mobile Feedback CLI / PS

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Connect

Bastion

Networking

Network settings

Load balancing

Application security groups

Network manager

Settings

Disks

Extensions + applications

Configuration

Advisor recommendations

Properties

Locks

Availability + scale

Size

Availability + scaling

Security

Identity

Microsoft Defender for Cloud

Backup + disaster recovery

Backup

Disaster recovery

Restore point

Operations

Auto-shutdown

Essentials

Resource group (move) : EngResourceGroupEastUS-eastus

Status : Running

Location : East US (Zone 1)

Subscription (move)

Subscription ID

Availability zone : 1

Tags (edit) : tag1 : value1

Operating system : Linux (ubuntu 9.1-dev-25121)

Size : Standard D8s v5 (8 vcpus, 32 GiB memory)

Public IP address : -

Virtual network/subnet

DNS name : -

Health state : -

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name	
Operating system	Linux
Image publisher	-
Image offer	-
Image plan	-
VM generation	V1
VM architecture	x64
Agent status	Ready
Agent version	2.10.0.8
Hibernation	Disabled
Host group	-
Host	-
Proximity placement group	-
Colocation status	N/A
Capacity reservation group	-
Disk controller type	-

Availability + scaling

Availability zone (edit)	1
Availability set	-
Scale Set	-

Security type

Security type	Standard
---------------	----------

Health monitoring

Health monitoring	Not enabled
-------------------	-------------

Networking

Public IP address	-
Public IP address (IPv6)	-
Private IP address	
Private IP address (IPv6)	-
Virtual network/subnet	
DNS name	-

Size

Size	Standard D8s v5
vCPUs	8
RAM	32 GiB

Disk

OS disk	
Encryption at host	Disabled
Azure disk encryption	Not enabled
Ephemeral OS disk	N/A
Data disks	1

Auto-shutdown

Auto-shutdown	Not enabled
Scheduled shutdown	-

Azure Spot

Azure Spot	-
Azure Spot eviction policy	-

Virtual machines

Default Directory

+ Create

Switch to classic

- pratee
- Name ↑
- azure-cluster-ssd-v1-prateek-vm-0
- azure-cluster-ssd-v2-prateek-vm-0

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Connect
- Connect
- Bastion
- Networking
- Network settings
- Load balancing
- Application security groups
- Network manager
- Settings
- Disks
- Extensions + applications
- Configuration
- Advisor recommendations
- Properties
- Locks
- Availability + scale
- Size
- Availability + scaling
- Security
- Identity
- Microsoft Defender for Cloud
- Backup + disaster recovery
- Backup
- Disaster recovery
- Restore point

azure-cluster-ssd-v2-prateek-vm-0 | Disks

Virtual machine

Search

Refresh

Additional settings

Feedback

Troubleshoot

OS disk

Swap OS disk

Disk name	Storage type	Size (GiB)	Max IOPS	Max throughput (MBps)	Encryption	Host caching
	Premium SSD LRS	400	2300	150	SSE with PMK	Read/write

Data disks

Filter by name

Showing 1 of 1 attached data disks

Create and attach a new disk

Attach existing disks

LUN	Disk name	Storage type	Size (GiB)	Max IOPS	Max throughput (M...	Encryption	Host caching
0	azure-cluster-ssd-v2-prateek-vm-0_disk2_db20f06d115749b9a5e3c	Premium SSD LRS	500	2300	150	SSE with PMK	Read/write

azure-cluster-ssd-v2-prateek-vm-0_disk2_db20f06d115749b9a5e3cb126779967a

Disk

<  Create VM  Create VM image version  Create snapshot  Delete  Refresh  Give feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Configuration

Size + performance

Encryption

Networking

Disk Export

Properties

Locks

Monitoring

Metrics

Automation

CLI / PS

Tasks (preview)

Export template

Help

Support + Troubleshooting

Essentials

Resource group [\(move\)](#) : EngResourceGroupEastUS-eastus

Disk state : Attached

Last ownership update time : -

Location : East US

Subscription [\(move\)](#) : 

Subscription ID : 

Time created : 3/27/2024, 3:07:43 PM

Tags [\(edit\)](#) : tag1 : value1

Get started **Properties** Monitoring

Disk

Operating system type	-
Create option	Restore
Source restore point	ZonalMove-RPC-3863612a-1f10-4351-b0f5-f7f673c8cde5/ZonalMove-RPC-4a98ab0f-4b22-4ba9-b058-ae402acfac74/azure-cluster-ssd-v2-prateek-vm-0_disk2_db20f06d115749b9a5e3cb126779967a_83b3cedb-b78e-4365-a281-6d3c0cbc8bab
VM generation	-
VM architecture	-
Availability zone	<u>1</u>
Completion percent	100
Provisioning state	Succeeded
Hibernation supported	-

Encryption

Encryption type : Platform-managed key

Networking

Connection type : AllowAll

Disk size : 500 GiB

Storage type : Premium SSD LRS

Managed by : azure-cluster-ssd-v2-prateek-vm-0

Operating system : -

Max shares : 0

Availability zone : 1

Performance tier : P20 - 2300 IOPS, 150 MB/s

Security type : Standard

Size

Size	500 GiB
Storage type	Premium SSD LRS
IOPS	2300
Throughput (MBps)	150
Disk tier	P20

Security type

Security type : Standard

[JSON View](#)

Create snapshot

Basics Encryption Networking Advanced Tags Review + create

A snapshot is a read-only copy of a virtual hard drive (VHD). You can take a snapshot of an OS or data disk VHD to use as a backup, or to troubleshoot virtual machine (VM) issues. [Learn more about snapshots in Azure](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Resource group * ⓘ

EngResourceGroupEastUS-eastus

Create new

Instance details

Name * data-disk-premium-v1-snapshot ✓

Region ⓘ (US) East US

Snapshot type * ⓘ

☒ **Incremental:** Save on storage costs by making a partial copy of the disk based on the difference between the last snapshot.

☐ **Full:** Make a complete read-only copy of the selected disk.

Source type ⓘ Disk

Source subscription ⓘ

Source disk ⓘ azure-cluster-ssd-v2-prateek-vm-0_disk2_db20f06d115749b9a5e3cb126779...

Security type ⓘ Standard

VM generation ⓘ

☒ Generation 1

☐ Generation 2

VM architecture ⓘ

☒ x64

☐ Arm64

Storage type ⓘ Standard HDD (zone-redundant storage)

 Search



-  Create disk
-  Create VM image version
-  Copy snapshot
-  Delete
-  Refresh
-  Give feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Encryption

Networking

Snapshot export

Properties

Locks

Automation

CLI / PS

Tasks (preview)

Export template

Help

Support + Troubleshooting

Essentials

Resource group [\(move\)](#) : EngResourceGroupEastUS-eastus

Location : East US

Subscription [\(move\)](#) :

Subscription ID :

Snapshot state : Unattached

Tags [\(edit\)](#) : [Add tags](#)

Created : 3/27/2024, 3:53:06 PM

Storage type : Zone-redundant

Source : [azure-cluster-ssd-v2-prateek-vm-0_disk2_db20f06d115749b9a5e3cb126779967a](#)

Size : 500 GiB

Encryption : [Platform-managed key](#)

[JSON View](#)

Get started

Properties

 Snapshot

Name

data-disk-premium-v1-snapshot

Snapshot type

Incremental

VM generation

Gen 1

Completion percent

100

Provisioning state

Succeeded

VM architecture

x64

Hibernation supported

-

 Encryption

Encryption type

Platform-managed key

 Networking

Connection type

Public endpoints (AllowAll)

 Size

Size

500 GiB

Storage type

Zone-redundant

 Security type

Security type

Standard

Create a managed disk ...

- Basics
- Encryption
- Networking
- Advanced
- Tags
- Review + create

Select the disk type and size needed for your workload. Azure disks are designed for 99.999% availability. Azure managed disks encrypt your data at rest, by default, using Storage Service Encryption. [Learn more about disks.](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Resource group * ⓘ

Create new

Disk details

Disk name * ⓘdata-disk-premium-ssd-v2✓

Region ⓘ(US) East US

Availability zoneZone 1

Source type ⓘSnapshot

Source subscription ⓘ

Source snapshot ⓘdata-disk-premium-v1-snapshot

OS type ⓘ

None (data disk)

Linux

Windows

Security type ⓘStandard

VM architecture ⓘ

x64

Arm64

Size * ⓘ

500 GiB (P20 performance tier)

Premium SSD LRS

Change size

Browse available disk sizes and their features.

Storage type ⓘ [Why are some options disabled?](#)

Premium SSD (locally-redundant storage) ▾

Locally-redundant storage (data is replicated within a single datacenter)

Premium SSD
Best for production and performance sensitive workloads

Premium SSD v2
Best for production and performance-sensitive workloads that consistently require low latency and high IOPS and throughput

Standard SSD
Best for web servers, lightly used enterprise applications and dev/test

Standard HDD
Best for backup, non-critical, and infrequent access

Ultra Disk
Best for IO-intensive workloads such as SAP HANA, top tier databases (for example, SQL, Oracle), and other transaction-heavy workloads

16384 GiB P7D

32767 GiB P8D

Custom disk size (GiB) * ⓘ

500

Performance tier ⓘ

P20 - 2300 IOPS, 150 MB/s (default) ▾

	Provisioned IOPS	Provisioned throughput	Max Shares ⓘ	Max burst IOPS ⓘ	Max burst throughput ⓘ
	120	25	3	3500	170
	120	25	3	3500	170
	120	25	3	3500	170
	120	25	3	3500	170
	240	50	3	3500	170
	500	100	3	3500	170
	1100	125	3	3500	170
	2300	150	3	3500	170
	5000	200	5	-	-
	7500	250	5	-	-
	7500	250	5	-	-
	16000	500	10	-	-
	18000	750	10	-	-
	20000	900	10	-	-

Select a disk size

Browse available disk sizes and their features.

Storage type ⓘ [Why are some options disabled?](#)

Premium SSD (locally-redundant)

Size		Provisioned IOPS	Provisioned throughput	Max Shares ⓘ	Max burst IOPS ⓘ	Max burst throughput ⓘ
4 GiB		120	25	3	3500	170
8 GiB		120	25	3	3500	170
16 GiB		120	25	3	3500	170
32 GiB	P4	120	25	3	3500	170
64 GiB	P6	240	50	3	3500	170
128 GiB	P10	500	100	3	3500	170
256 GiB	P15	1100	125	3	3500	170
512 GiB	P20	2300	150	3	3500	170
1024 GiB	P30	5000	200	5	-	-
2048 GiB	P40	7500	250	5	-	-
4096 GiB	P50	7500	250	5	-	-
8192 GiB	P60	16000	500	10	-	-
16384 GiB	P70	18000	750	10	-	-
32767 GiB	P80	20000	900	10	-	-

Custom disk size (GiB) * ⓘ

500

Performance tier ⓘ

P20 - 2300 IOPS, 150 MB/s (default) ▼