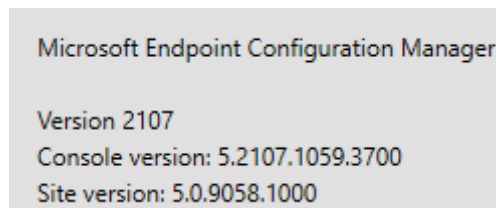Dear Brothers and Sisters of the IT World,
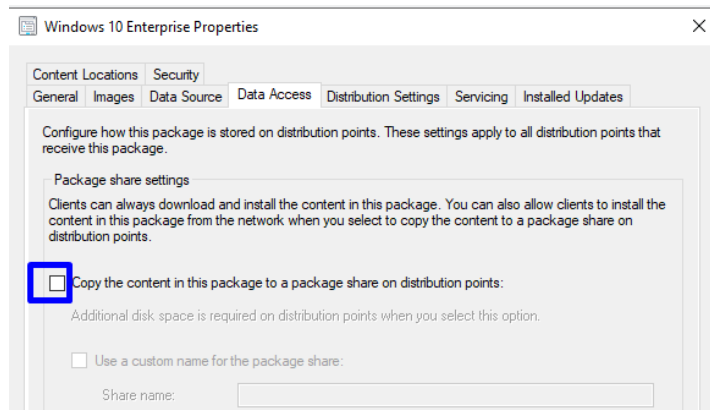
I trust this finds you and your family very well.

Please find the general info for the analysis below!

- Please find the SCCM version below:

Microsoft Endpoint Configuration Manager

Version 2107
Console version: 5.2107.1059.3700
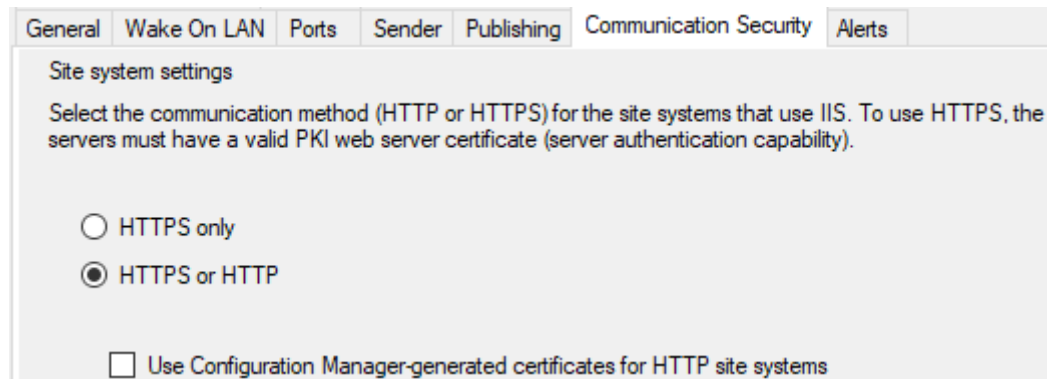Site version: 5.0.9058.1000

- Concerning the OSD Image, We haven't checked the following, but, everything works fine for more than 40 models, therefore, we are not planning to active it:

Windows 10 Enterprise Properties ✕

Content Locations | Security
General | Images | Data Source | Data Access | Distribution Settings | Servicing | Installed Updates

Configure how this package is stored on distribution points. These settings apply to all distribution points that receive this package.

Package share settings

Clients can always download and install the content in this package. You can also allow clients to install the content in this package from the network when you select to copy the content to a package share on distribution points.

☐ Copy the content in this package to a package share on distribution points:

Additional disk space is required on distribution points when you select this option.

☐ Use a custom name for the package share:

Share name:

- The Network Access account is working fine because as I said before, with any old model everything works properly.
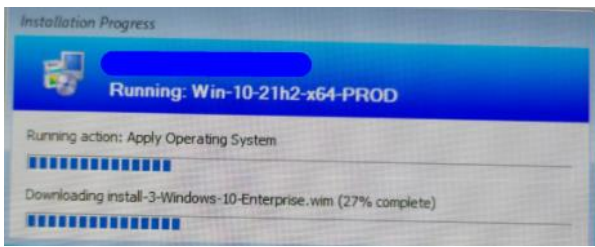
The communication info:

General | Wake On LAN | Ports | Sender | Publishing | Communication Security | Alerts

Site system settings

Select the communication method (HTTP or HTTPS) for the site systems that use IIS. To use HTTPS, the servers must have a valid PKI web server certificate (server authentication capability).

○ HTTPS only
◉ HTTPS or HTTP

☐ Use Configuration Manager-generated certificates for HTTP site systems

We haven't configured Enhanced HTTP yet; we are planning to do it next year.

Server info:

Windows Server® 2019

Microsoft Windows Server
Version 1809 (OS Build 17763.3650)
© 2018 Microsoft Corporation. All rights reserved.

In our company we have SCCM and we are managing more than 40 Dell models. That means that we have 40 driver packages in SCCM and all the models are able to be reimaged without facing any issue. Nevertheless, we have got 3 new DELL models and after creating and distributing the driver's packages, we are not able to install the task sequence because of multiple errors.

Installation Progress

Running: Win-10-21h2-x64-PROD

Running action: Apply Operating System

Downloading install-3-Windows-10-Enterprise.wim (27% complete)

We tested with two OLD models to verify if there was a problem with the TS and everything works as a charm…

What we did to solve this incident was creating the following variables in the TS:

SMSTSDownloadRetryCount

SMSTSDownloadRetryDelay

More info can be found here about this:

https://msendpointmgr.com/2014/06/25/downloadfilewithranges-failed-80072ee2-on-packages-in-configmgr-2012-r2/

Thx to this fix, now the TS step "Apply Operating system" has been properly applied.

However, we still don't understand why we had to do this workaround for this new models when everything works fine with the others 40? Can anyone answer this?

We thought that everything was going to be ok after the Apply OS Step was successful, however, now the applying driver Package is giving us Errors…

At first, we created and distributed the Driver Packages without the following options since more than 30 driver packages works without it:
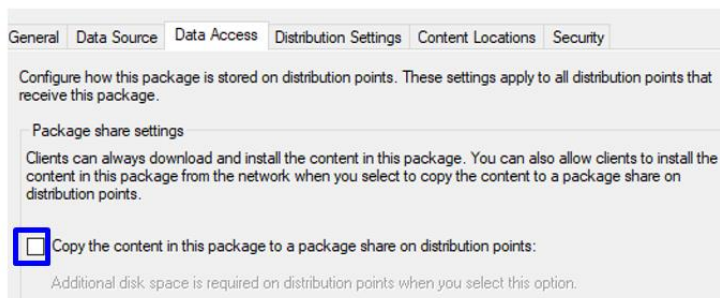
But since the drivers were not being installed, we activated it:
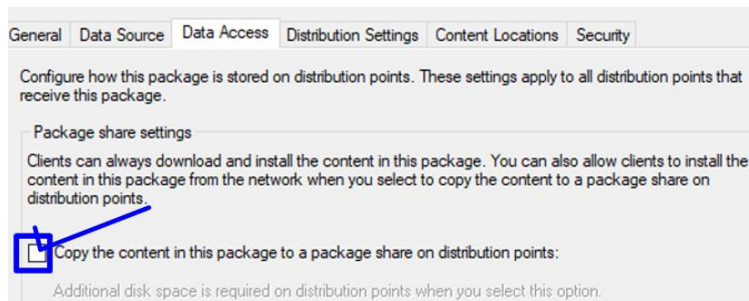
We tried to install the Drivers with and Without DISM:
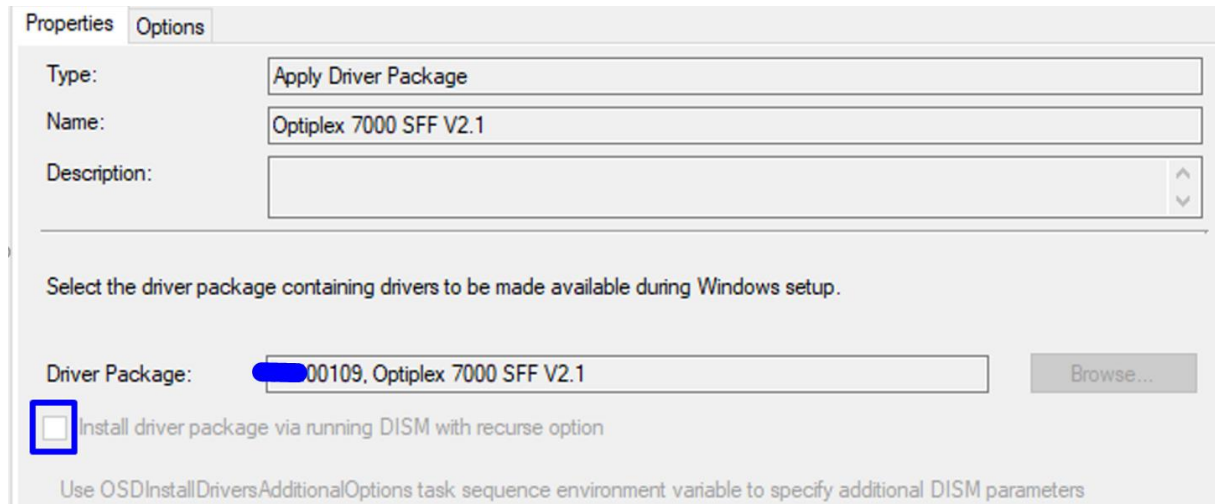
And this is the error that we were getting:
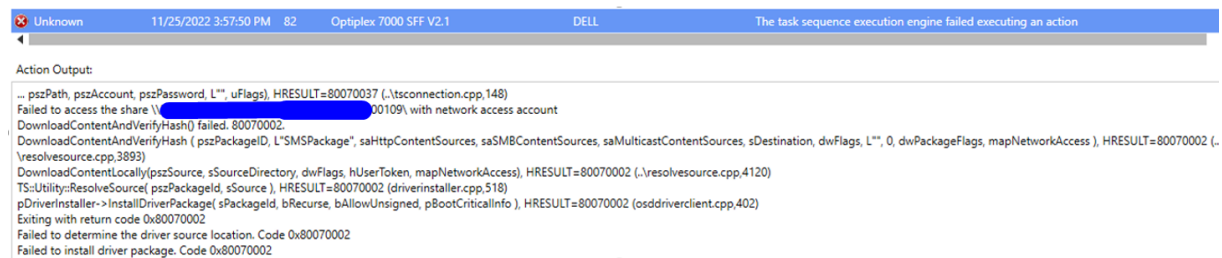
When we accessed the Shared, we found that the package PKG00109 source was not present in the Shared:
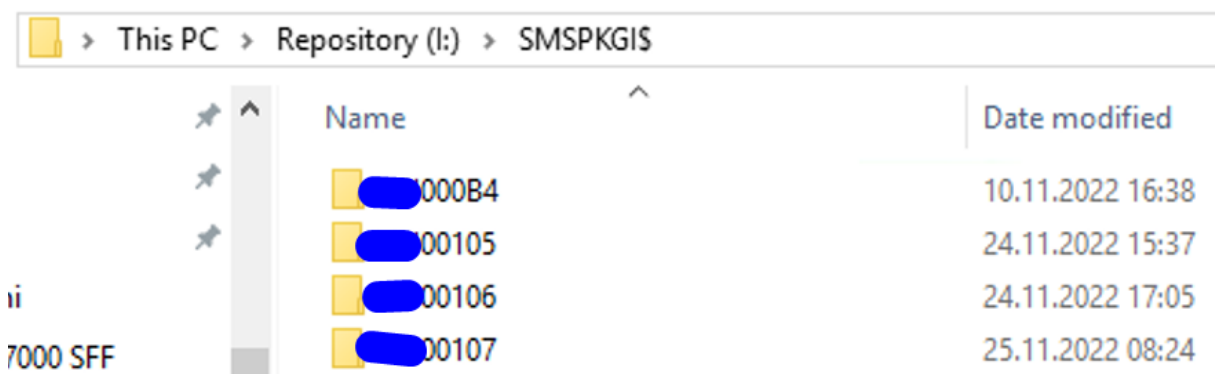
But we verified and the package was properly distributed.

These are the errors that we are getting now:

Downloaded file from http://... ...00109/sccm7/2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvCameraAllowlisting64.dll to C:_SMSTaskSequence\Packages\...09P.2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvCameraAllowlisting64.dll OSDDriverClient 28.11.2022 07:58:18
Downloading file /SMS_DP_SMSPKGIS...109/sccm7/2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvCameraEnable.exe range 0-371855 OSDDriverClient 28.11.2022 07:58:18
Downloaded file from http://... ...00109/sccm7/2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvCameraEnable.exe to C:_SMSTaskSequence\Packages\...09P.2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvCameraEnable.exe OSDDriverClient 28.11.2022 07:58:18
Downloading file /SMS_DP_SMSPKGIS...109/sccm7/2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvImageConvert32.exe range 0-3708047 OSDDriverClient 28.11.2022 07:58:18
Downloaded file from http://... ...00109/sccm7/2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvImageConvert32.exe to C:_SMSTaskSequence\Packages\...09P.2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvImageConvert32.exe OSDDriverClient 28.11.2022 07:58:18
Downloading file /SMS_DP_SMSPKGIS...109/sccm7/2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvImageConvert64.exe range 0-3986063 OSDDriverClient 28.11.2022 07:58:18
WinHttpReadData(hRequest, (LPVOID) pbuffer, dwBufferSize, &dwRead), HRESULT=8007d2ee2 (..\downloadcontent.cpp,1086) OSDDriverClient 28.11.2022 08:02:21
WinHttpReadData() failed. OSDDriverClient 28.11.2022 08:02:21
ReadDataAndWriteToFile() failed. 80072ee2 OSDDriverClient 28.11.2022 08:02:21
ReadDataAndWriteToFile() failed for C:_SMSTaskSequence\Packages\...09P.2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvImageConvert64.exe. 98% OSDDriverClient 28.11.2022 08:02:21
DownloadFileWithRanges() failed. 80072ee2. OSDDriverClient 28.11.2022 08:02:21
DownloadFileWithRanges (hSession, hConnect, sRequest, hFile, pszDestination, ullFileSize, uiPackageSize, uiDownLoaded, LastGoodCredentialsType, bUseSSL, pszPeerToken, pszPeerKey, bIsPeer, pszDPAuthToken, bDPAuthCapable), HRESULT=80072ee2 (..\downloadcontent.cpp,1675) OSDDriverClient 28.11.2022 08:02:21
DownloadFile() failed for http://... ...00109/sccm7/2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvImageConvert64.exe. C:_SMSTaskSequence\Packages\...09P.2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvImageConvert64.exe. 80072ee2. OSDDriverClient 28.11.2022 08:02:21
DownloadFile (hSession, hConnect, sSourceFile.c_str(), sDestinationFile.c_str(), uiPackageSize, uiDownLoaded, LastGoodCredentialsType, bUseSSL, pszPeerToken, pszPeerKey, bIsPeer, pszDPAuthToken, bDPAuthCapable), HRESULT=80072ee2 (..\downloadcontent.cpp,1756) OSDDriverClient 28.11.2022 08:02:21
Error downloading file from http://... ...00109/sccm7/2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvImageConvert64.exe to C:_SMSTaskSequence\Packages\...09P.2CB904AF-0EFA-47FE-B97B-C7A4A2F8E921/NvCamera/NvImageConvert64.exe OSDDriverClient 28.11.2022 08:02:21
DownloadFiles() failed. 80072ee2. OSDDriverClient 28.11.2022 08:02:21
DownloadFiles (setDirs, setFiles, sDestination.c_str(), bUseSSL, sPeerToken.c_str(), sPeerKey.c_str(), bIsPeer, sDPAuthToken.c_str(), bDPAuthCapable), HRESULT=80072ee2 (..\resolvesource.cpp,3342) OSDDriverClient 28.11.2022 08:02:21
Download() failed. 80072ee2. OSDDriverClient 28.11.2022 08:02:21
Trying \\...SMSPKGIS...0109\. OSDDriverClient 28.11.2022 08:02:21
nPos != CCM::Utility::String::npos, HRESULT=80004005 (..\resolvesource.cpp,249) OSDDriverClient 28.11.2022 08:02:21
Creating a connection to \\...00109\ with default account OSDDriverClient 28.11.2022 08:02:21
Connection request for \\...0109\ OSDDriverClient 28.11.2022 08:02:21
No credentials available for connecting to \\...00109\. See whether the share has already been connected. OSDDriverClient 28.11.2022 08:02:21
Connecting to "\\...00109\" OSDDriverClient 28.11.2022 08:02:21
Unsuccessful in connecting to \\...00109. Invalid username or password. OSDDriverClient 28.11.2022 08:02:21
reconnect(), HRESULT=80070005 (..\tsconnection.cpp,129) OSDDriverClient 28.11.2022 08:02:21
reconnect(pszPath, pszAccount, pszPassword, L"", uFlags), HRESULT=80070005 (..\tsconnection.cpp,148) OSDDriverClient 28.11.2022 08:02:21
Unsuccessful in connecting to or accessing \\...00109\ with default account. OSDDriverClient 28.11.2022 08:02:21
Creating a connection to the share \\...0109\ with network access account. OSDDriverClient 28.11.2022 08:02:21
Connection request for \\...00109\ OSDDriverClient 28.11.2022 08:02:21
Connecting to "\\...00109\" OSDDriverClient 28.11.2022 08:02:21
Successfully connected to "\\...00109\" OSDDriverClient 28.11.2022 08:02:21
Succeeded loading resource DLL 'X:\sms\bin\x64\10332\TSRES.DLL' OSDDriverClient 28.11.2022 08:02:21
CCM::Utility::Filesystem::Directory::Exists(pszDirectoryPath) == 1, HRESULT=80070057 (..\utils.cpp,2969) OSDDriverClient 28.11.2022 08:02:21
Error getting directory size. Code 0x80070057 OSDDriverClient 28.11.2022 08:02:21
CCM::Utility::Filesystem::Directory::Exists(pszDirectoryPath) == 1, HRESULT=80070057 (..\utils.cpp,2969) OSDDriverClient 28.11.2022 08:02:21
Error getting directory size. Code 0x80070057 OSDDriverClient 28.11.2022 08:02:21
CCM::Utility::Filesystem::Directory::Exists(pszDirectoryPath) == 1, HRESULT=80070057 (..\utils.cpp,2969) OSDDriverClient 28.11.2022 08:02:21
Error getting directory size. Code 0x80070057 OSDDriverClient 28.11.2022 08:02:21
CCM::Utility::Filesystem::Directory::Exists(pszDirectoryPath) == 1, HRESULT=80070057 (..\utils.cpp,2969) OSDDriverClient 28.11.2022 08:02:21
Error getting directory size. Code 0x80070057 OSDDriverClient 28.11.2022 08:02:21
CCM::Utility::Filesystem::Directory::Exists(pszDirectoryPath) == 1, HRESULT=80070057 (..\utils.cpp,2969) OSDDriverClient 28.11.2022 08:02:21
Error getting directory size. Code 0x80070057 OSDDriverClient 28.11.2022 08:02:21
CCM::Utility::Filesystem::Directory::Exists(pszDirectoryPath) == 1, HRESULT=80070057 (..\utils.cpp,2969) OSDDriverClient 28.11.2022 08:02:21
Error getting directory size. Code 0x80070057 OSDDriverClient 28.11.2022 08:02:21
CCM::Utility::Filesystem::Directory::Exists(pszDirectoryPath) == 1, HRESULT=80070057 (..\utils.cpp,2969) OSDDriverClient 28.11.2022 08:02:21
Error getting directory size. Code 0x80070057 OSDDriverClient 28.11.2022 08:02:21

Error getting directory size. Code 0x80070057	OSDDriverClient	28.11.2022 08:02:21
Copying from \\...00109\ to C:_SMSTaskSequence\Packa...0109.	OSDDriverClient	28.11.2022 08:02:22
VerifyContentHash: Hash algorithm is 32780	OSDDriverClient	28.11.2022 08:18:27
c:_smstasksequence\packages\...0109\0740bc5d-32a2-4574-93ed-187efb5fbb2e is a directory. Setting directory security	OSDDriverClient	28.11.2022 08:18:27
c:_smstasksequence\packages\...0109\0a22bafd-00ae-43fa-9859-dcc67a86a51d is a directory. Setting directory security	OSDDriverClient	28.11.2022 08:18:27
c:_smstasksequence\packages\...0109\10f66186-7f6f-4a94-87d3-0f455886ce17 is a directory. Setting directory security	OSDDriverClient	28.11.2022 08:18:27
c:_smstasksequence\packages\...0109\1c03987f-8429-4078-9c10-6c5325b22eee is a directory. Setting directory security	OSDDriverClient	28.11.2022 08:18:27

As you can see, the Network Access account is working properly.

Can someone please help us understand what is happening in our environment? First it was the Apply OS Step and now the Apply driver step.

Thank you, best regards and have an amazing day.

Peace