Image Lenovo X1 Tablet Gen 3 for Win 10 v1809 using USBC Network Dongle

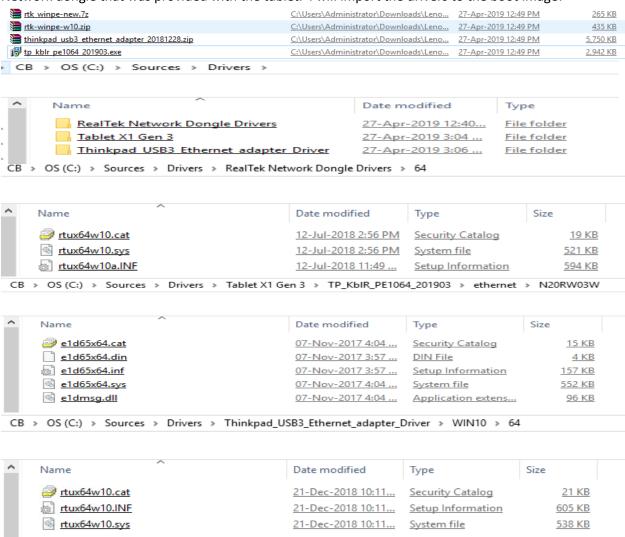
In this exercise, I will walk you through the process of setting up Lenovo X1 Tablet Generation 3 for Windows 10 v1809 imaging through Current Branch 1902. There are many things we have to complete before we can deploy and test Windows 10 image. Here are the details:

- 1. We have to import SCCM package that Lenovo has shared with the community
- 2. We have to import Ethernet Adapter drivers for boot image
- 3. Deploy Win 10 through the network using USBC Network Dongle Please note, I will not be able to test this part as, I don't have a spare Lenovo X1 Tablet Gen 3 at home. I am more than happy to test and report the findings, if, RBC can provide one

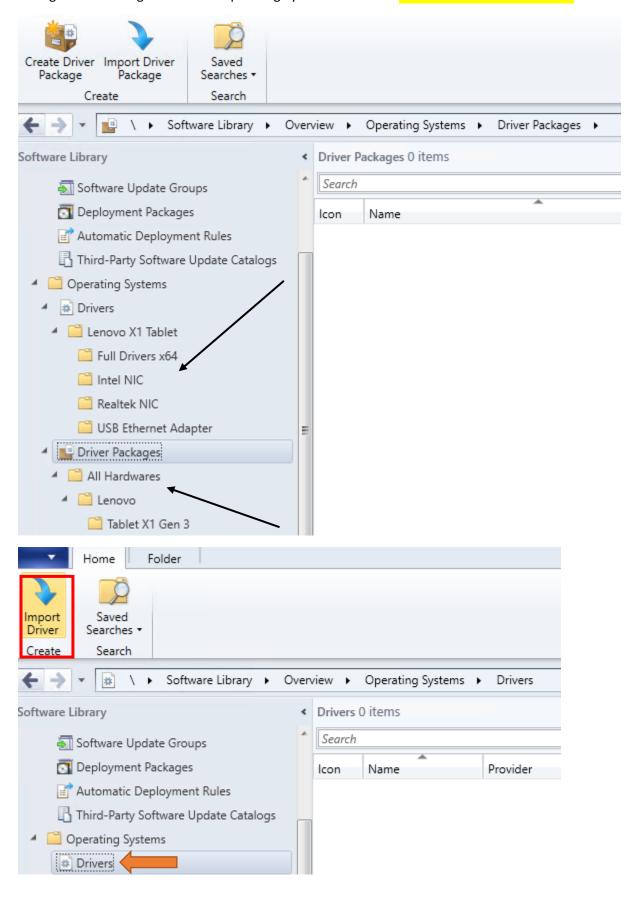
I will provide links for read, so you can download what is required and test in your environment.

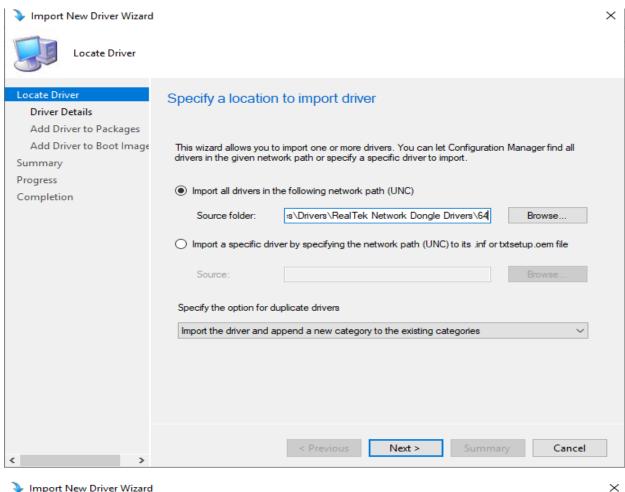
https://pcsupport.lenovo.com/be/en/solutions/hf004081 https://pcsupport.lenovo.com/be/en/solutions/ht074984 https://pcsupport.lenovo.com/be/en/solutions/acc100324 https://support.lenovo.com/us/en/solutions/ht503932

I downloaded and extracted the folders with these drivers to import for deployment through CB 1902. I am going to use Realtek that has necessary drivers to boot the tablet through the network using USBC Network dongle that was provided with the tablet. I will import the drivers to the boot image.



Now we have the required drivers. Will start importing the drivers to our boot images. Open Configuration Manager Console – Operating Systems – Drivers. Below is our folder structure.

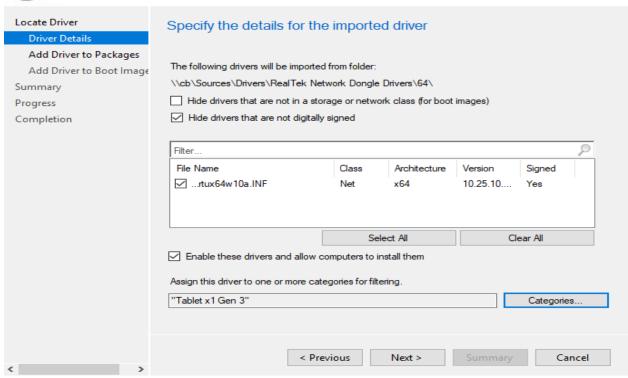




Import New Driver Wizard



Driver Details







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Add Driver to Packages

Locate Driver

Driver Details

Add Driver to Packages

Add Driver to Boot Image

Summary

Progress

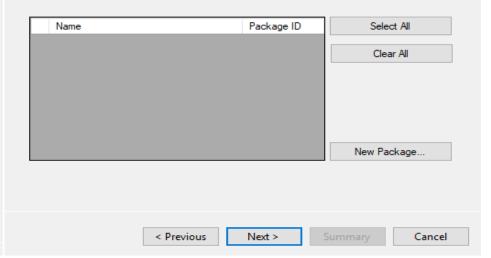
Completion

Select the packages to add the imported driver

Specify the package to add this driver to.

Drivers must be added to packages and deployed to distribution points before computers can use them. Distribution points can be updated immediately.

It is recommended that you add all required drivers before updating the package.



> Import New Driver Wizard



Add Driver to Boot Images

Locate Driver

Driver Details

Add Driver to Packages

Add Driver to Boot Image

Summary

Progress

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Completion

Select drivers to include in the boot image

The imported driver is a network card driver or mass storage device driver and might be necessary for a computer to start.

Select the boot images to include this driver.

Note: Boot images must be updated on their distribution points to add the new drivers.

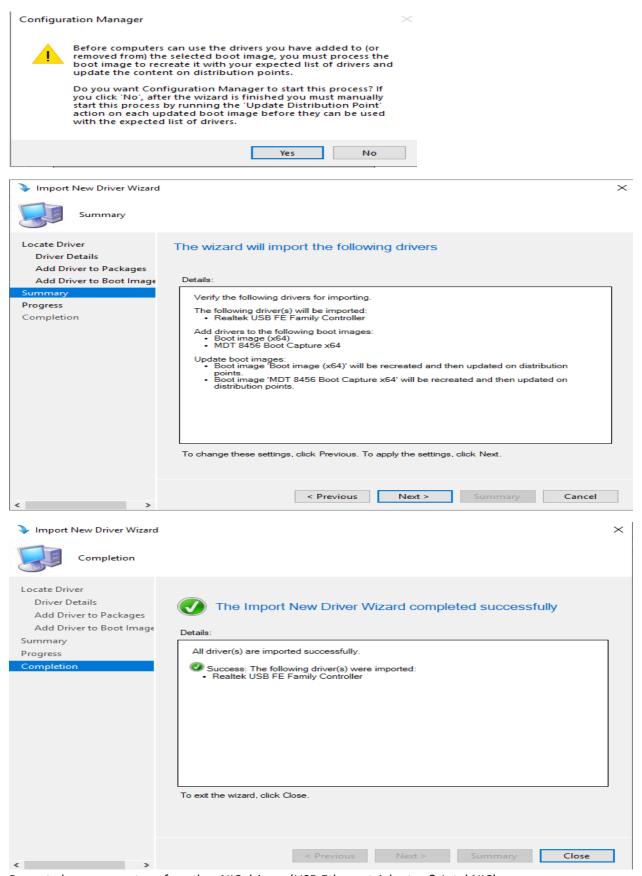
Name	Package ID	Select All
Boot image (x64)	TOR00005	~
Boot image (x86)	TOR00002	Clear All
MDT 8456 Boot Capture x64	TOR0001E	

< Previous

Next >

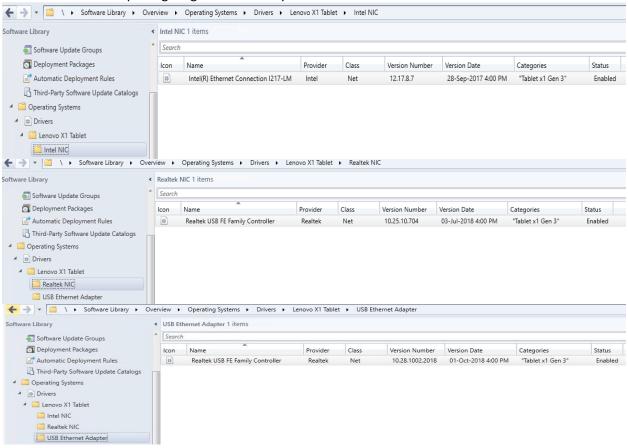
Summary

Cancel

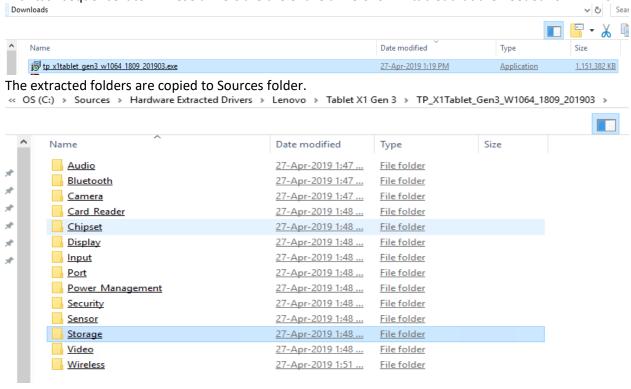


Repeat above same steps for other NIC drivers (USB Ethernet Adapter & Intel NIC)

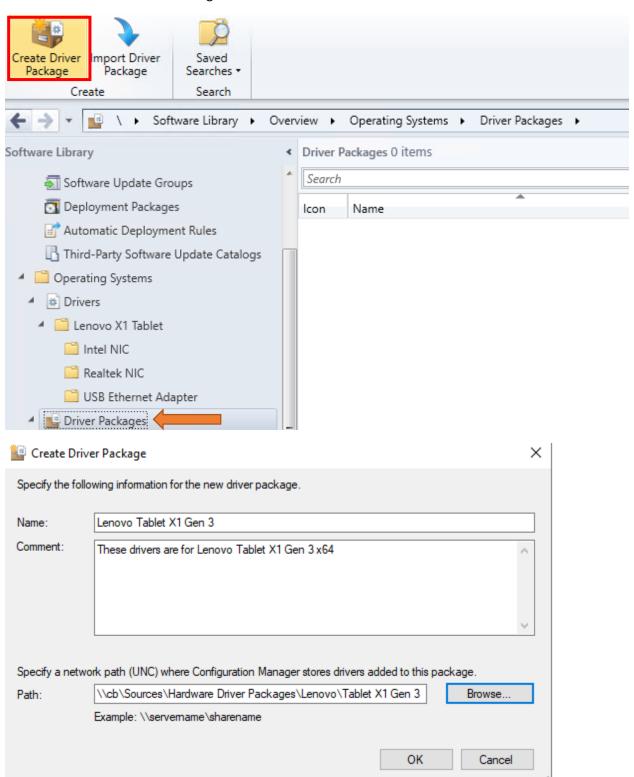
After importing try to do some house cleaning by moving the driver to sub folders, we created under Drivers. This will keep things organized for easy reference later.

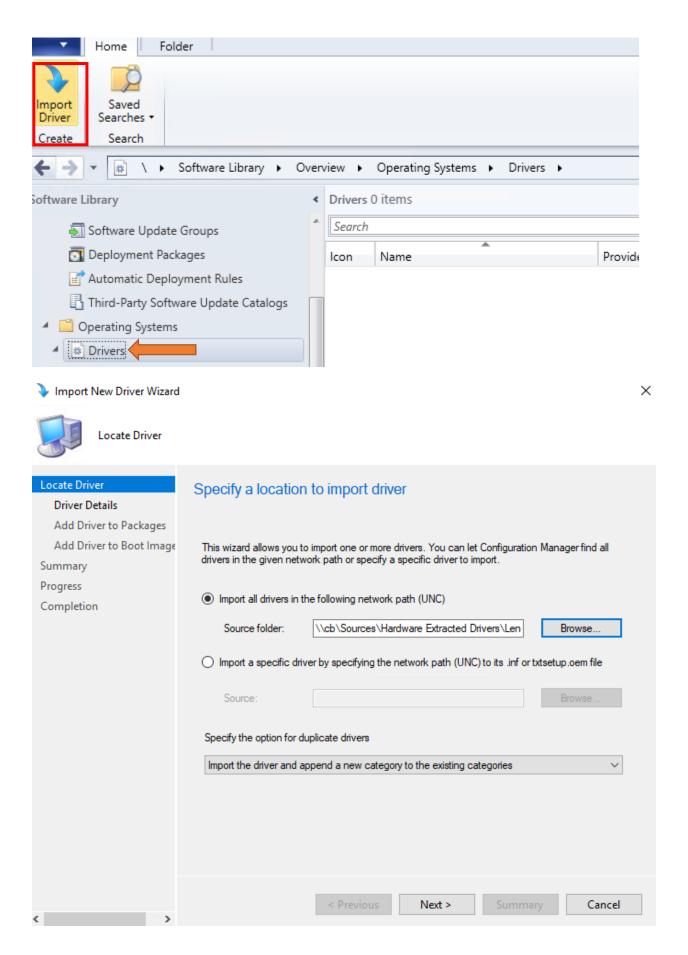


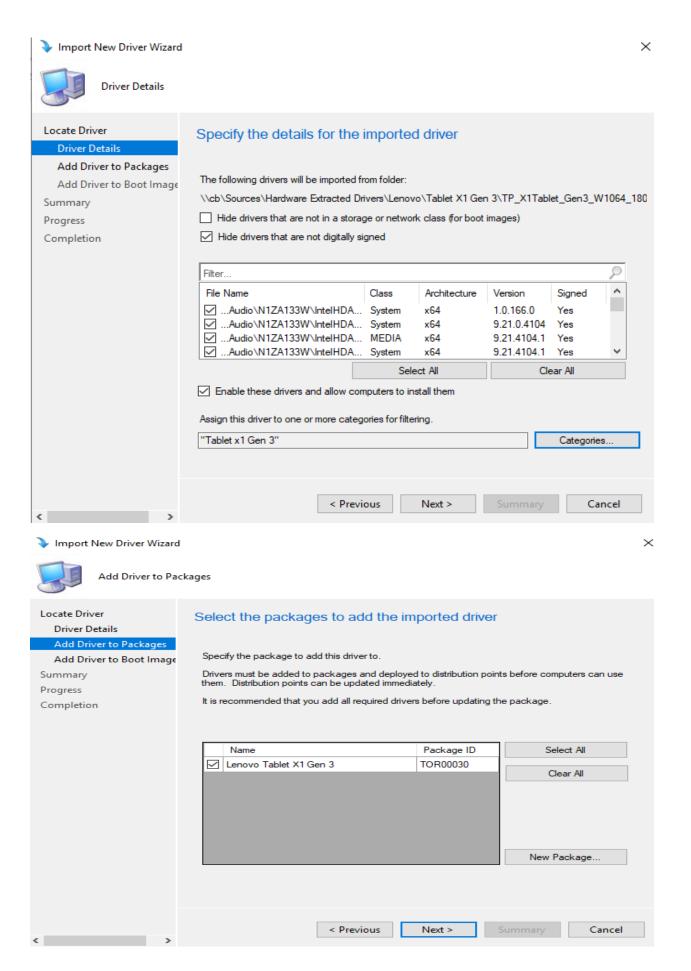
I have downloaded the entire driver package for X1 Tablet from Lenovo for Windows 10 v1809 from here - https://support.lenovo.com/us/en/downloads/ds502808 - Will import the driver package for use with task sequence later. These drivers are the entire drivers for X1 tablet that are needed for Win 10.



Now we will create a Driver Package for Tablet X1 Gen 3.



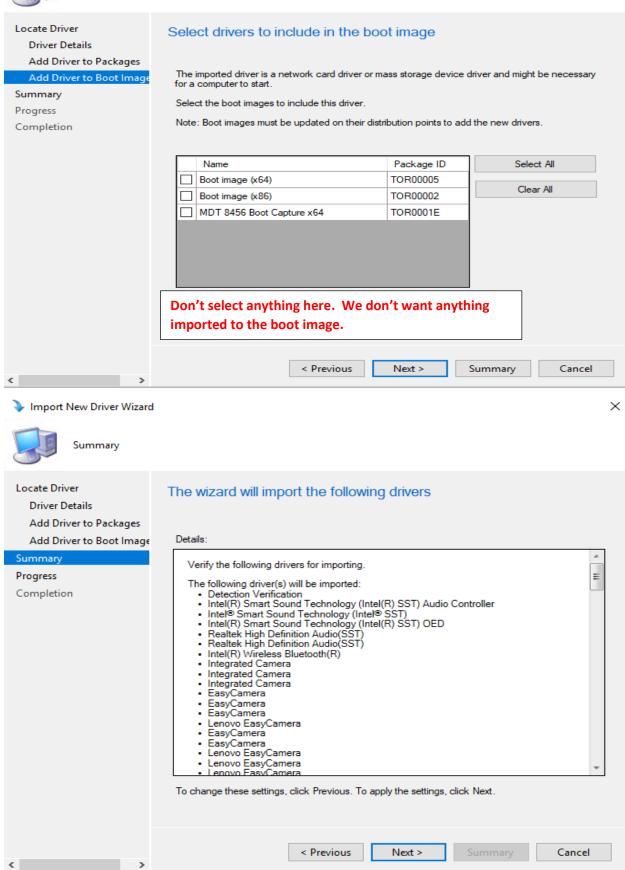




Import New Driver Wizard



Add Driver to Boot Images

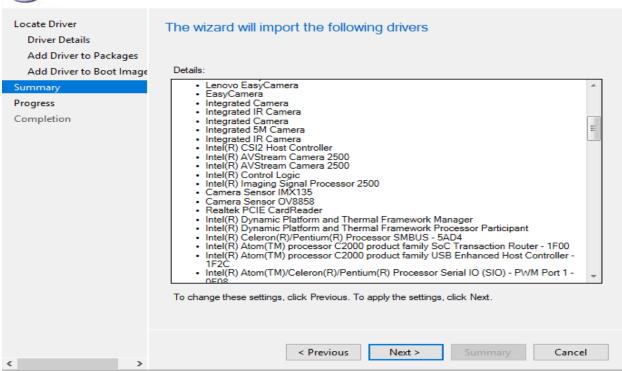




X



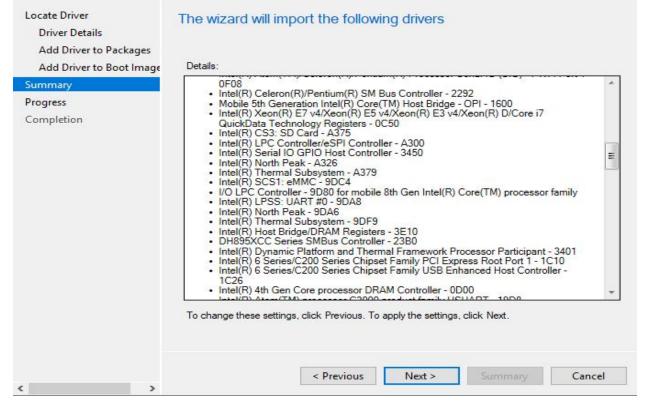
Summary

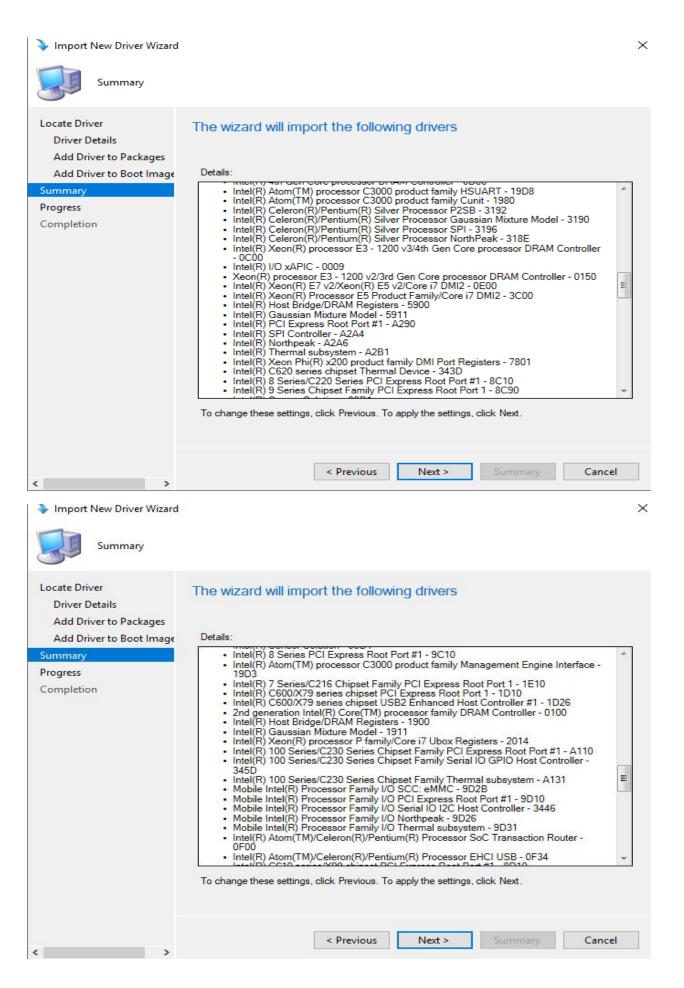


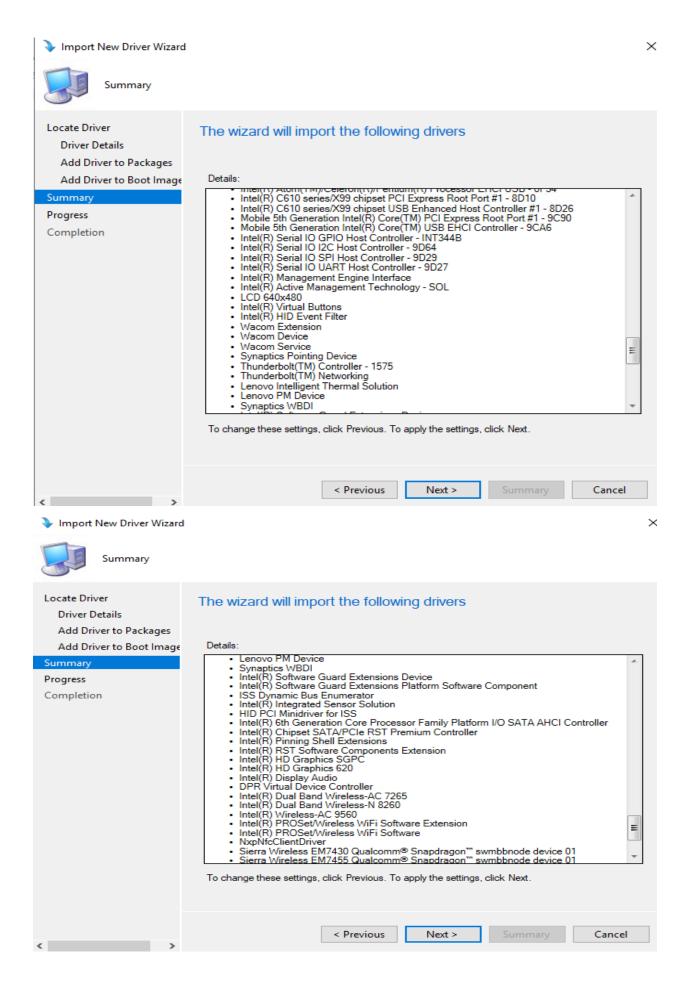




Summary







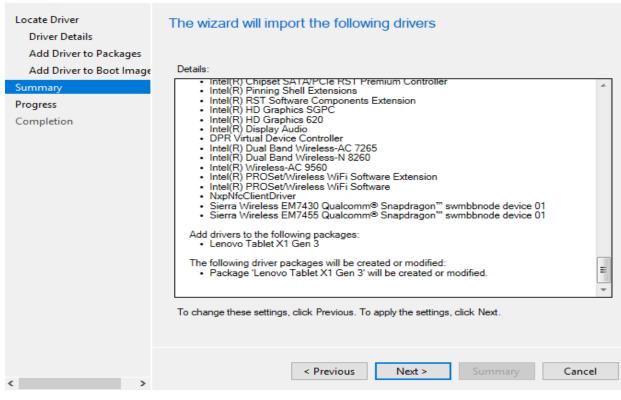




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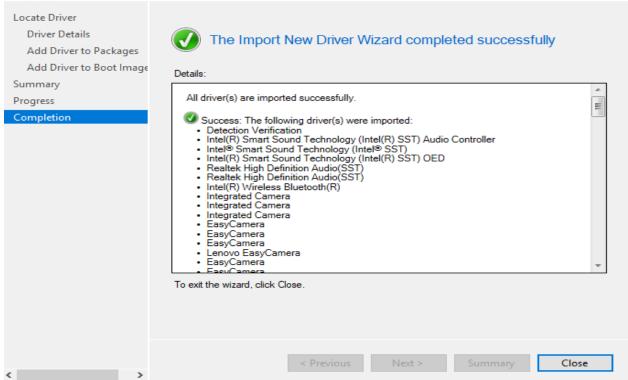
Summary

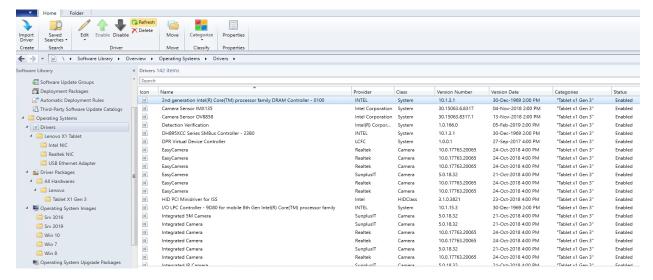




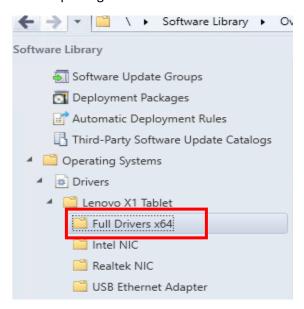


Completion

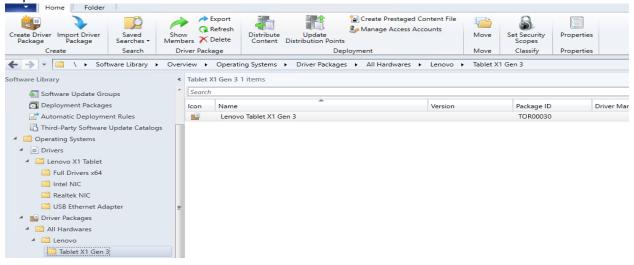




After importing move all the drivers to this new folder, I created for good house keeping.



Now we have all the things ready. We can distribute Driver package so that it will be available for task sequence later.

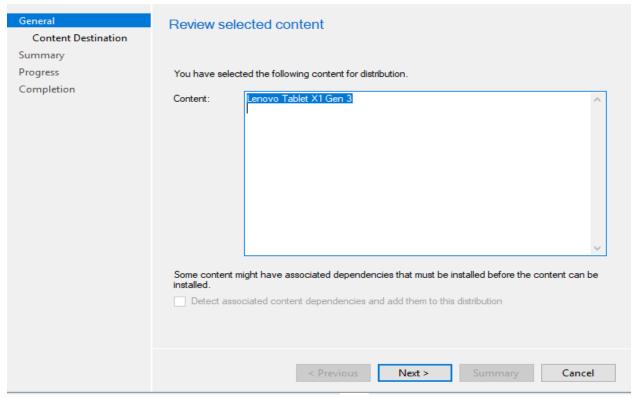


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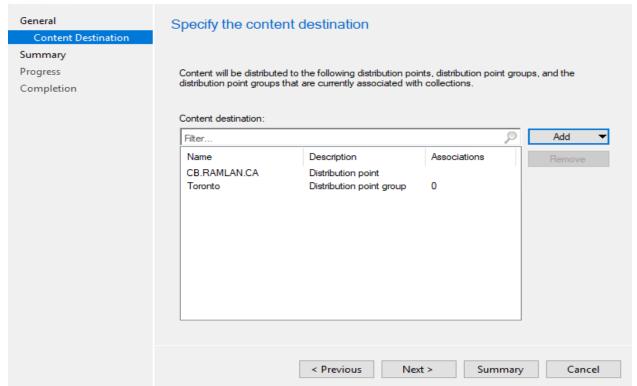
General

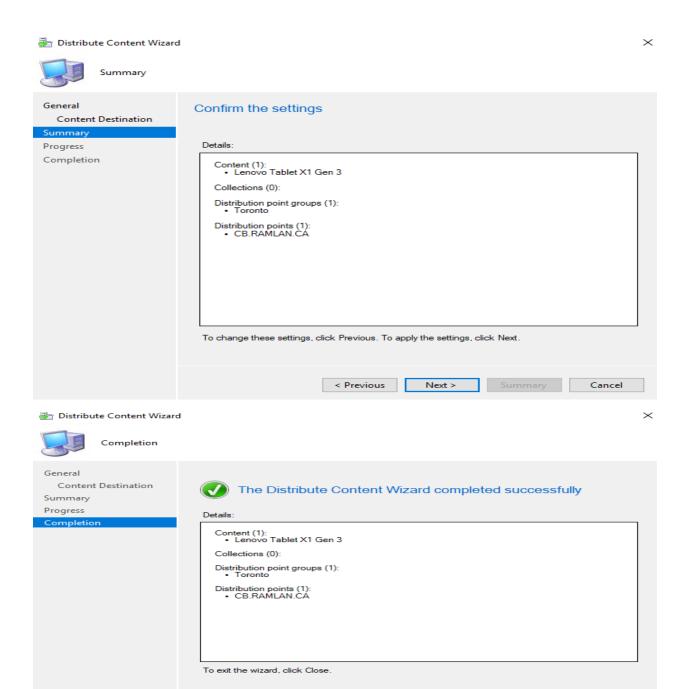






Content Destination





So, we have done all that is required for imaging Lenovo X1 Tablet Gen 3 through the network. Unfortunately, I cannot test this part as, I don't have a spare tablet at home. I hope this might help RBC Engineering to implement and test in their environment and make the task sequence available for deployment to all depots that might receive Lenovo Tablet X1 Gen 3 in the future.

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I hope this is a good read for those who want to acquire knowledge in SCCM.

Thanks

Ram Lan 27th Apr 2019