

Dell Business Client Update Catalog for Microsoft End Point Manager Configuration Manager (MEMCM)/Microsoft System Center Configuration Manager (SCCM)

Filtering Updates Based on Update Categories

Dell Business Client Update Catalog is available by default, as a Partner Catalog, with Microsoft System Center Configuration Manager (version 1806 license). MEMCM / SCCM users can subscribe to the Dell Catalog and publish updates to the corresponding endpoints.

Enhancements for SCCM 1910 introduce third-party updates that allow the V3 format catalog authors to define categories for corresponding updates. **Dell Business Client Update Catalog** supports V3 format and allows two levels of categories.

This whitepaper guides users through the steps to subscribe to the **Dell Business Client Update Catalog** for managing Dell Client Systems. It describes how to use the enhanced filters for selective subscriptions.

March 2020

Table of contents

- Introduction..... 3
- Dell Business Client Update Catalog 4
- Subscribing to Dell Business Client Update Catalog from version 1806 onwards 5
- V3 Catalog Support..... 13
- Selecting Update Categories 14
- Conclusion..... 22
- References 22

Introduction

Microsoft End Point Manager Configuration (MEMCM), version 1910, supports enterprise device management. Microsoft System Center Configuration Manager (SCCM) aids in the management of system devices earlier than version 1910 of Configuration Manager.

Note: MEMCM is referred instead of SCCM in all the sections of this document for the ease of understanding.

Both MEMCM and SCCM allows users to manage and facilitate the process of operating system, application and driver deployment.

Microsoft management users can subscribe to third party catalogs provided by vendors, like Dell, to get published updates via management consoles.

Dell supports many commercial client systems. Determining the appropriate updates for systems in an enterprise environment can be time consuming. Dell has introduced filtering options to better manage Dell client system updates.

With the introduction of the V3 schema, users can filter updates after subscribing to the third-party catalog or once the catalog has been imported.

Current Dell Business Client Update Catalog supports the following categorization based on product type.

1. BIOS
2. Drivers and Applications
3. Firmware

Subscribers to the Dell Business Client Update Catalog can search for updates based on product and model type using MEMCM 1910 and earlier versions. The catalog-defined categorized updates help to improve user experience by minimizing time spent searching for the appropriate updates.

The information in this whitepaper describes the categories and provides step-by-step guidance on how to use the filtering options available in Dell third-party update by using MEMCM version 1910.

Prerequisites:

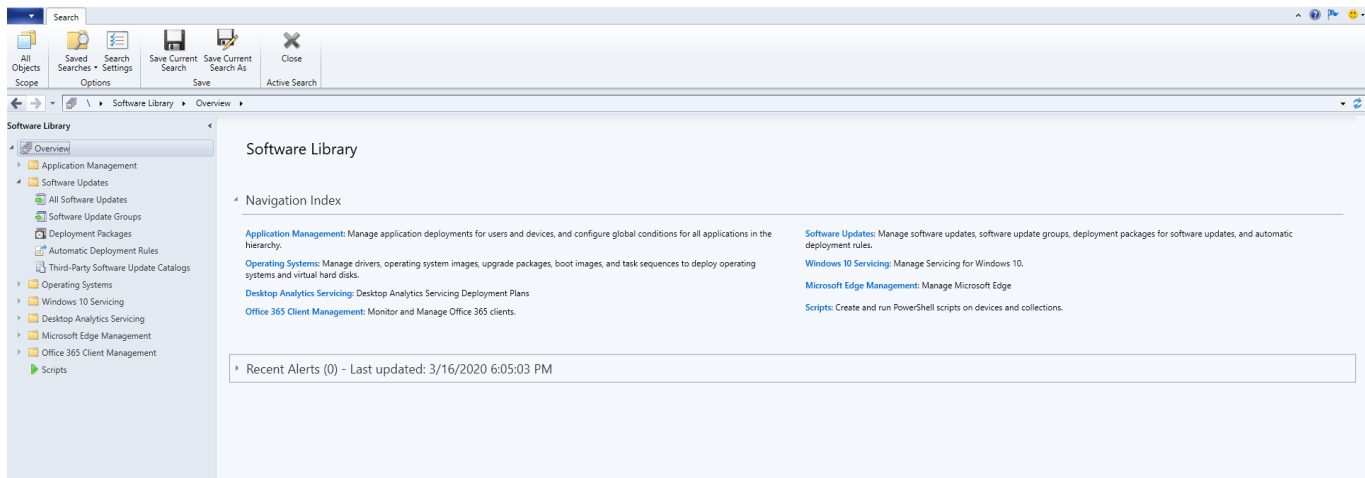
- MEMCM – 1910 of Configuration Manager Current Branch and the following with all the latest patches installed
- Subscription to Dell Business Client Update Catalog

Dell Business Client Update Catalog

Dell publishes the Third-Party Update Catalog with BIOS, firmware, drivers, and Dell applications for Dell client systems.

Dell Business Client Update Catalog is also available as a Partner catalog integrated with the Configuration Manager Console along with third-party Software Update Catalogs.

1. Launch the SCCM console, and then navigate to **Software Library**.



2. Click **third-party Software Update Catalogs**.



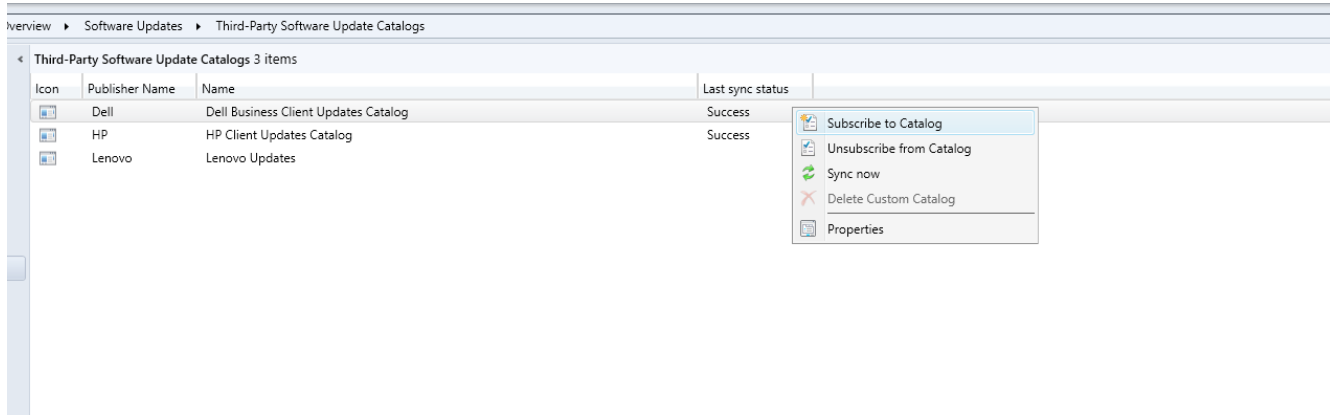
Dell Business Client Update Catalog is available for download from the following location. Users can also add this as a custom catalog with earlier versions of the Configuration Manager.

<http://downloads.dell.com/catalog/DellSDPCatalogPC.cab>

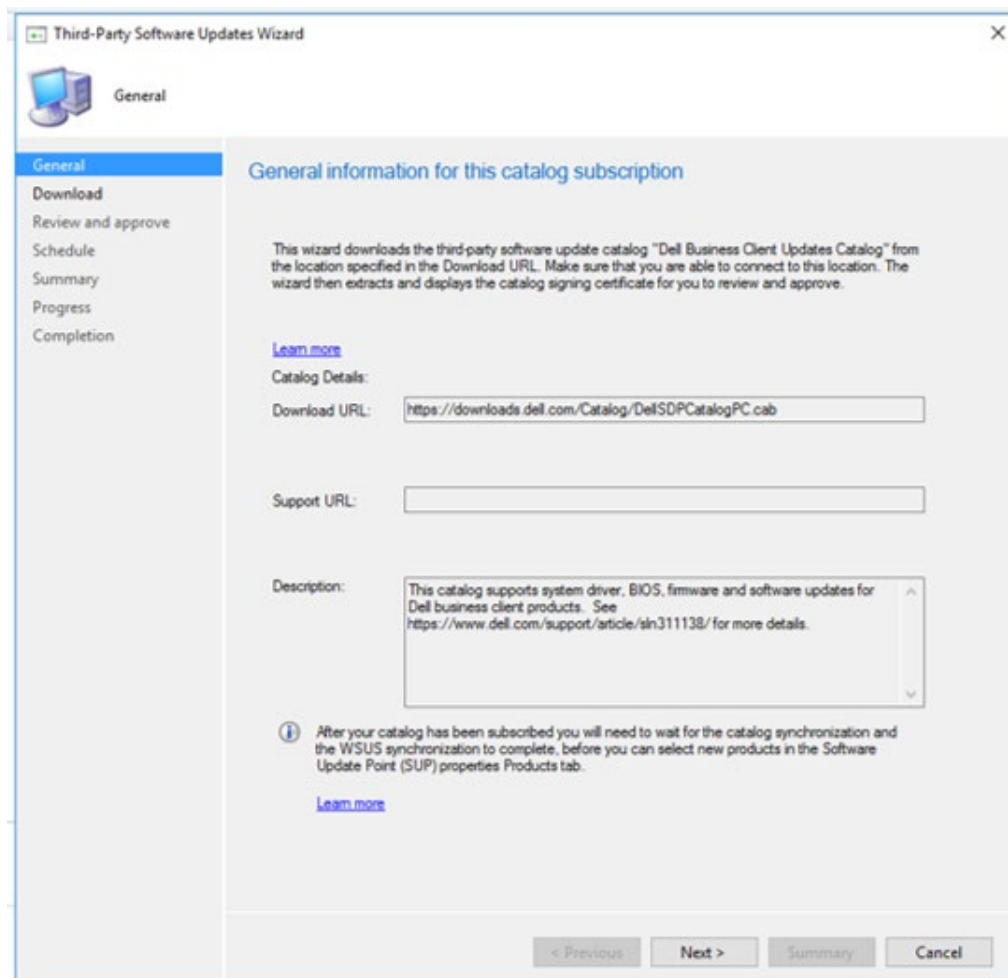
Subscribing to Dell Business Client Update Catalog from version 1806 onwards

Follow the steps to subscribe:

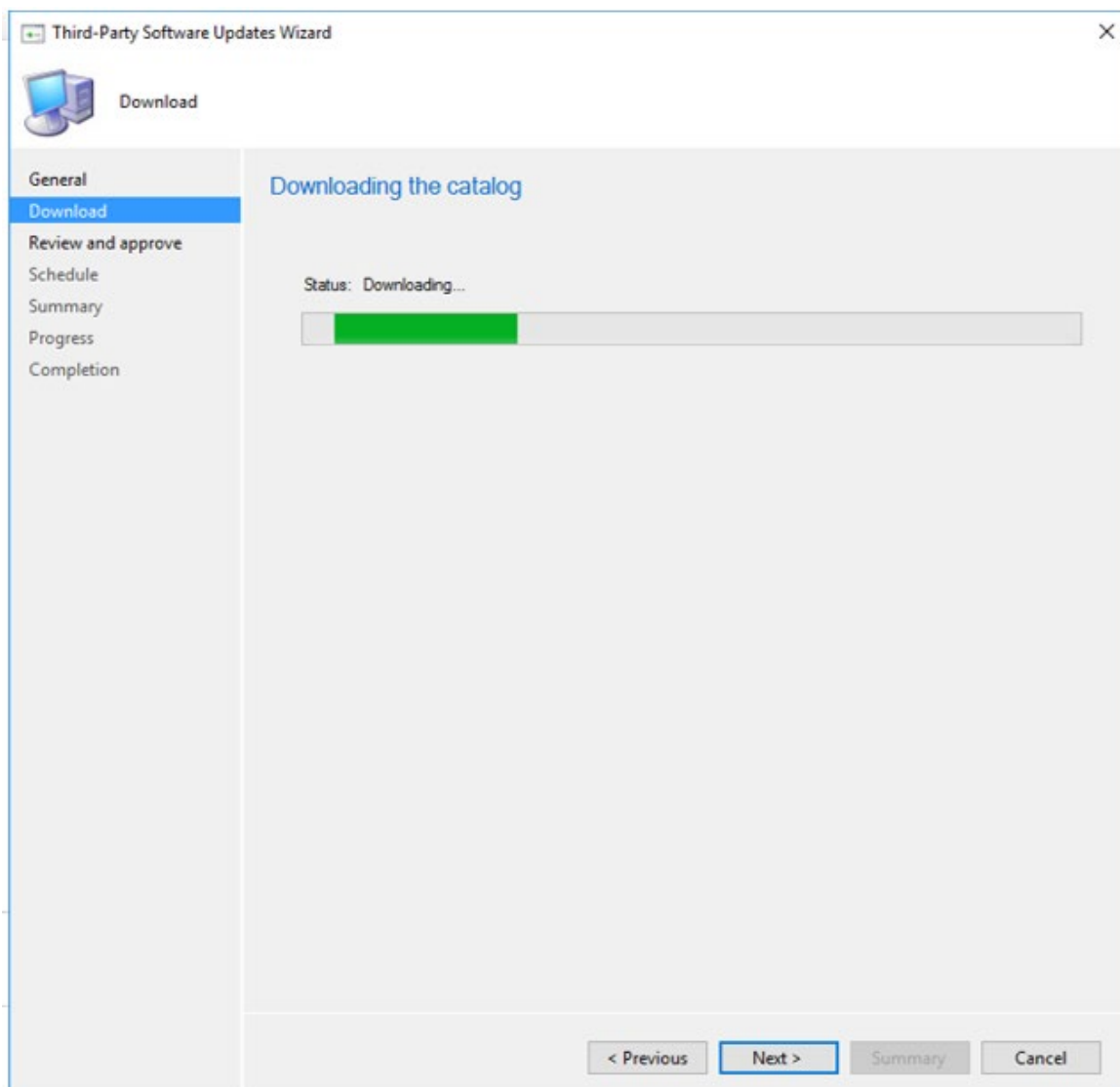
1. Open **Configuration Manager console**.
2. Navigate to **Software Library** → **Overview** section → click **Software Updates**.
3. Click **Third-party Software Update Catalogs**.
4. Select **Dell Business Client Updates Catalog**, right-click and select **Subscribe to Catalog**.



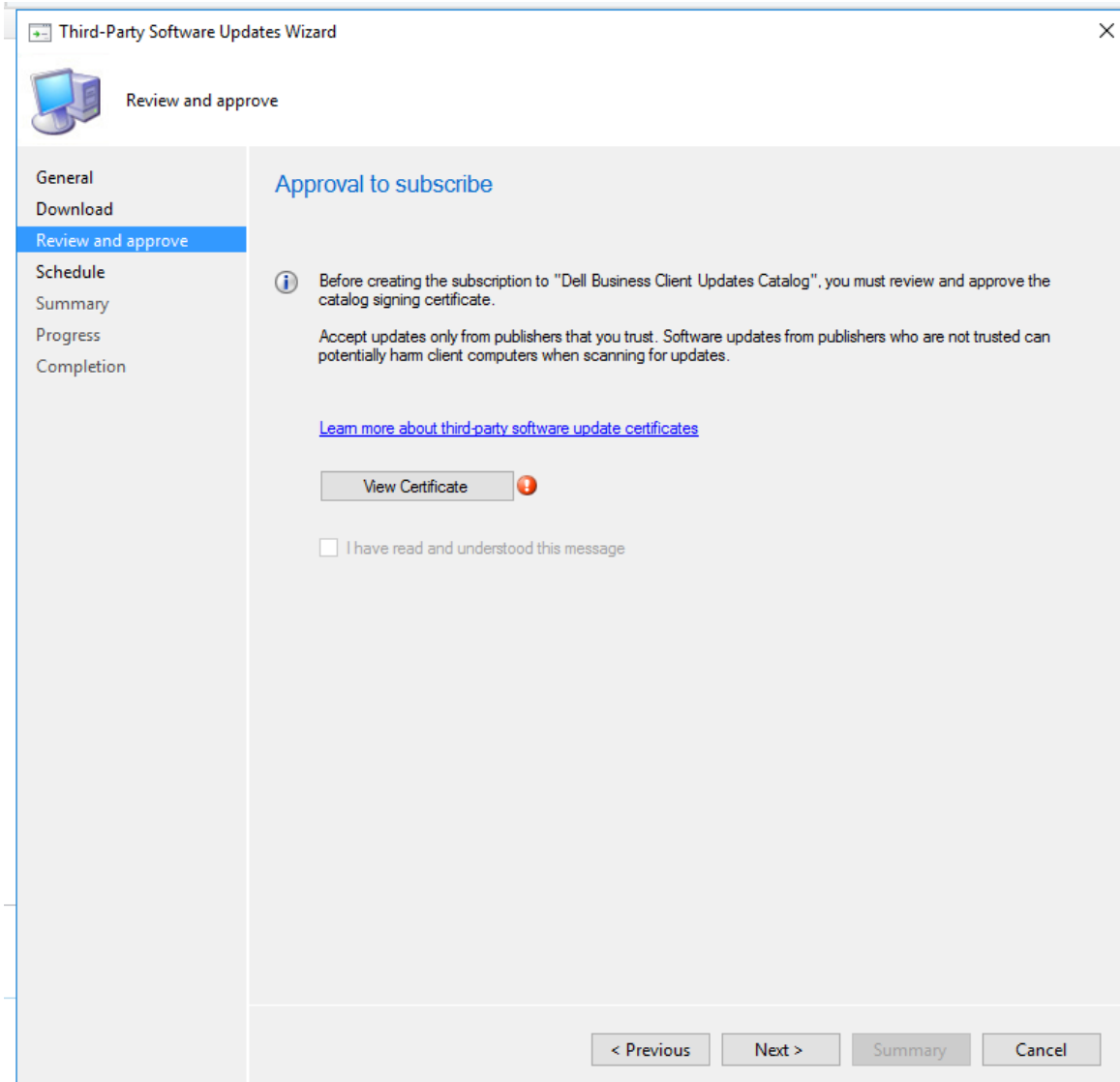
5. Click **Next**.



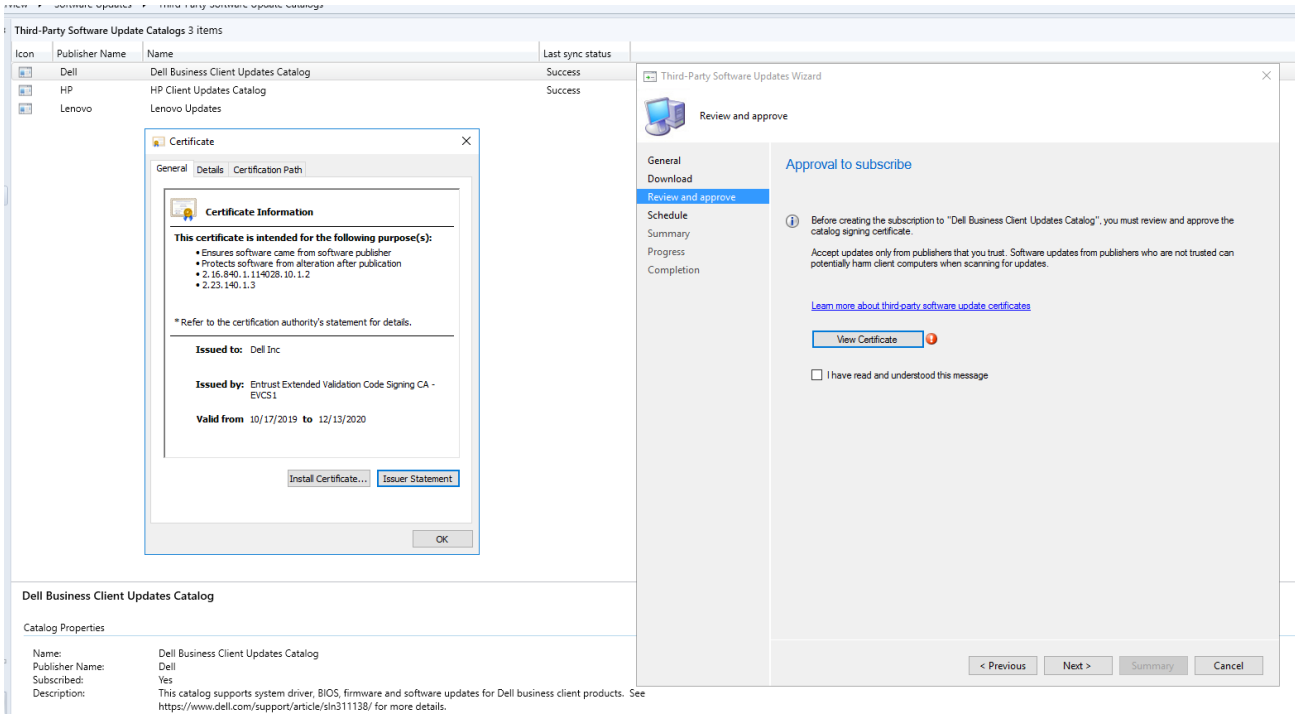
6. Once the catalog is downloaded, click **Next**.



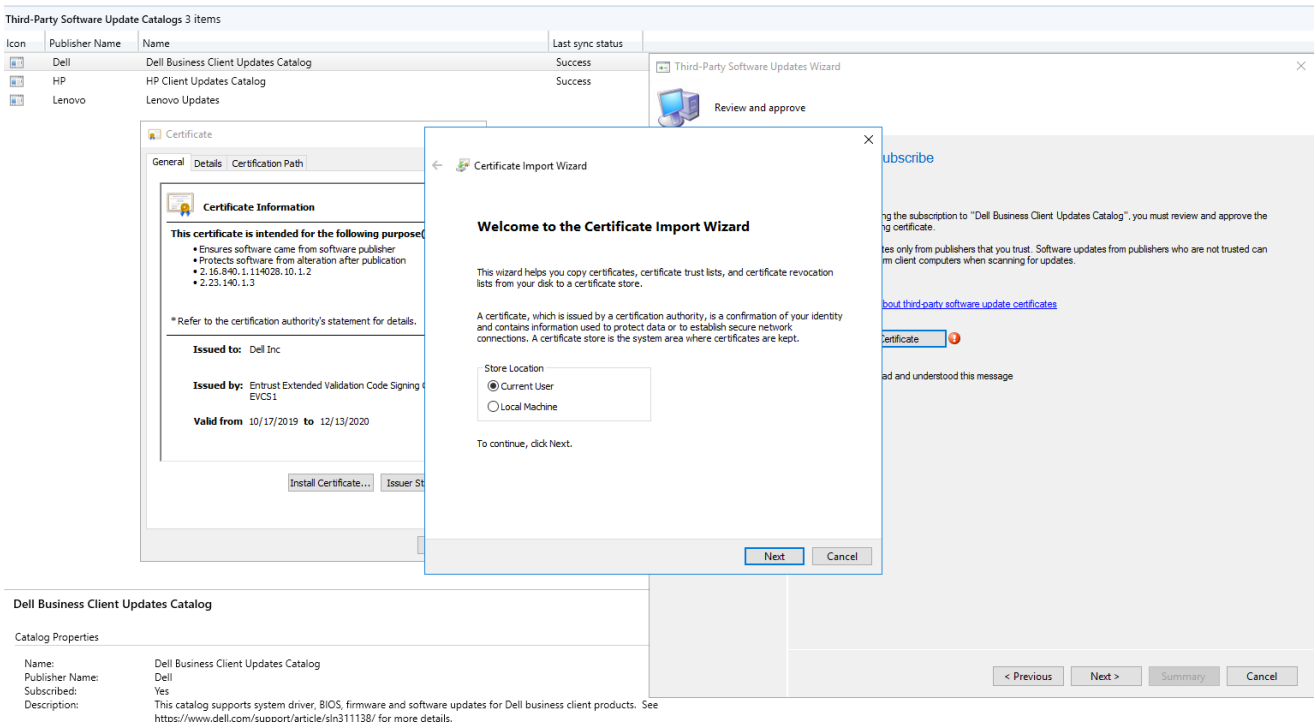
7. Click **View Certificate**.



8. Once the certificate is displayed, click **Install Certificate**.



9. Install the certificate as **Custom User** or **Local machine** according to your organization Configuration Manager policies.



10. Select Place all certificate in the following store option and click Browse.

The screenshot shows the Windows Update Catalogs interface with three catalogs listed: Dell Business Client Updates Catalog, HP Client Updates Catalog, and Lenovo Updates. The Dell Business Client Updates Catalog is selected. A 'Certificate' dialog box is open, displaying 'Certificate Information' for the Dell Business Client Updates Catalog. The certificate is issued by Entrust Extended Validation Code Signing EVCS1 and is valid from 10/17/2019 to 12/13/2020. The 'Certificate Import Wizard' dialog box is also open, showing the 'Certificate Store' selection screen. The 'Place all certificates in the following store' option is selected, and the 'Browse...' button is highlighted. The 'Review and approve' dialog box is also visible in the background.

Icon	Publisher Name	Name	Last sync status
	Dell	Dell Business Client Updates Catalog	Success
	HP	HP Client Updates Catalog	Success
	Lenovo	Lenovo Updates	

Third-Party Software Update Catalogs 3 items

Del Business Client Updates Catalog

Catalog Properties

Name: Dell Business Client Updates Catalog
Publisher Name: Dell
Subscribed: Yes
Description: This catalog supports system driver, BIOS, firmware and software updates for Dell business client products. See

11. Select Trusted Publishers and click OK.

The screenshot shows the Windows Update Catalogs interface with the same three catalogs. The 'Certificate' dialog box is open, and the 'Certificate Import Wizard' dialog box is also open. The 'Select Certificate Store' dialog box is now open, showing a list of certificate stores. The 'Trusted Publishers' store is selected. The 'OK' button is highlighted. The 'Review and approve' dialog box is also visible in the background.

Icon	Publisher Name	Name	Last sync status
	Dell	Dell Business Client Updates Catalog	Success
	HP	HP Client Updates Catalog	Success
	Lenovo	Lenovo Updates	

Third-Party Software Update Catalogs 3 items

Del Business Client Updates Catalog

Catalog Properties

Name: Dell Business Client Updates Catalog
Publisher Name: Dell
Subscribed: Yes
Description: This catalog supports system driver, BIOS, firmware and software updates for Dell business client products. See

12. Once completed, click **Finish**.

The screenshot shows a Windows interface with several overlapping windows. In the foreground, the "Certificate Import Wizard" dialog box is open, titled "Completing the Certificate Import Wizard". It contains the text: "The certificate will be imported after you click Finish." and "You have specified the following settings:" followed by a table:

Certificate Store Selected by User	Trusted Publishers
Content	Certificate

Below the table are "Finish" and "Cancel" buttons. To the left, a "Certificate" dialog box is partially visible, showing "Certificate Information" with the following details:

- This certificate is intended for the following purpose(s):**
 - Ensures software came from software publisher
 - Protects software from alteration after publication
 - 2.16.840.1.114028.10.1.2
 - 2.23.140.1.3
- * Refer to the certification authority's statement for details.
- Issued to:** Dell Inc
- Issued by:** Entrust Extended Validation Code Signing CA - EVCS1
- Valid from:** 10/17/2019 to 12/13/2020

Buttons for "Install Certificate..." and "Issuer Statement" are visible at the bottom of the "Certificate" dialog. In the background, a "Review and approve" window is open, showing an "Approval to subscribe" screen with a "View Certificate" button and a checkbox for "I have read and understood this message".

At the bottom of the screen, a table lists update catalogs:

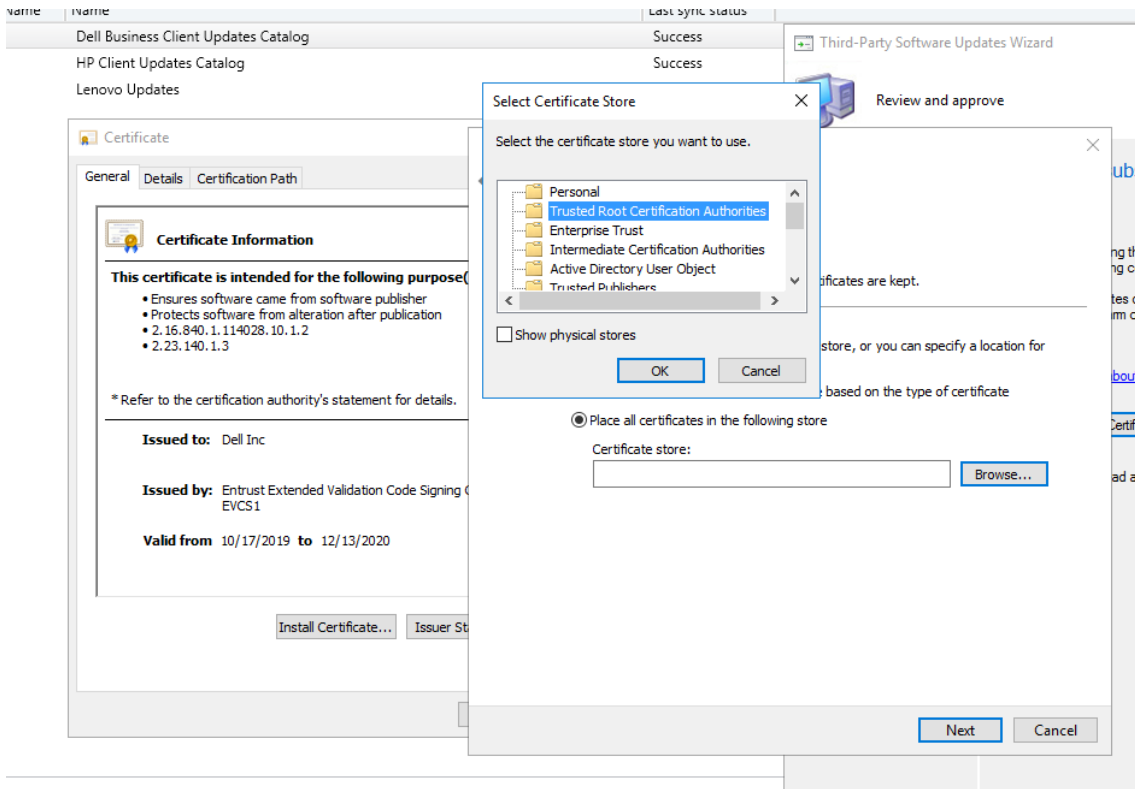
Name	Last sync status
Dell Business Client Updates Catalog	Success
HP Client Updates Catalog	Success
Lenovo Updates	

Below the table, the "Dell Business Client Updates Catalog" entry is expanded, showing "Dell", "Yes", and the text: "This catalog supports system driver, BIOS, firmware and software updates for Dell business client products. See".

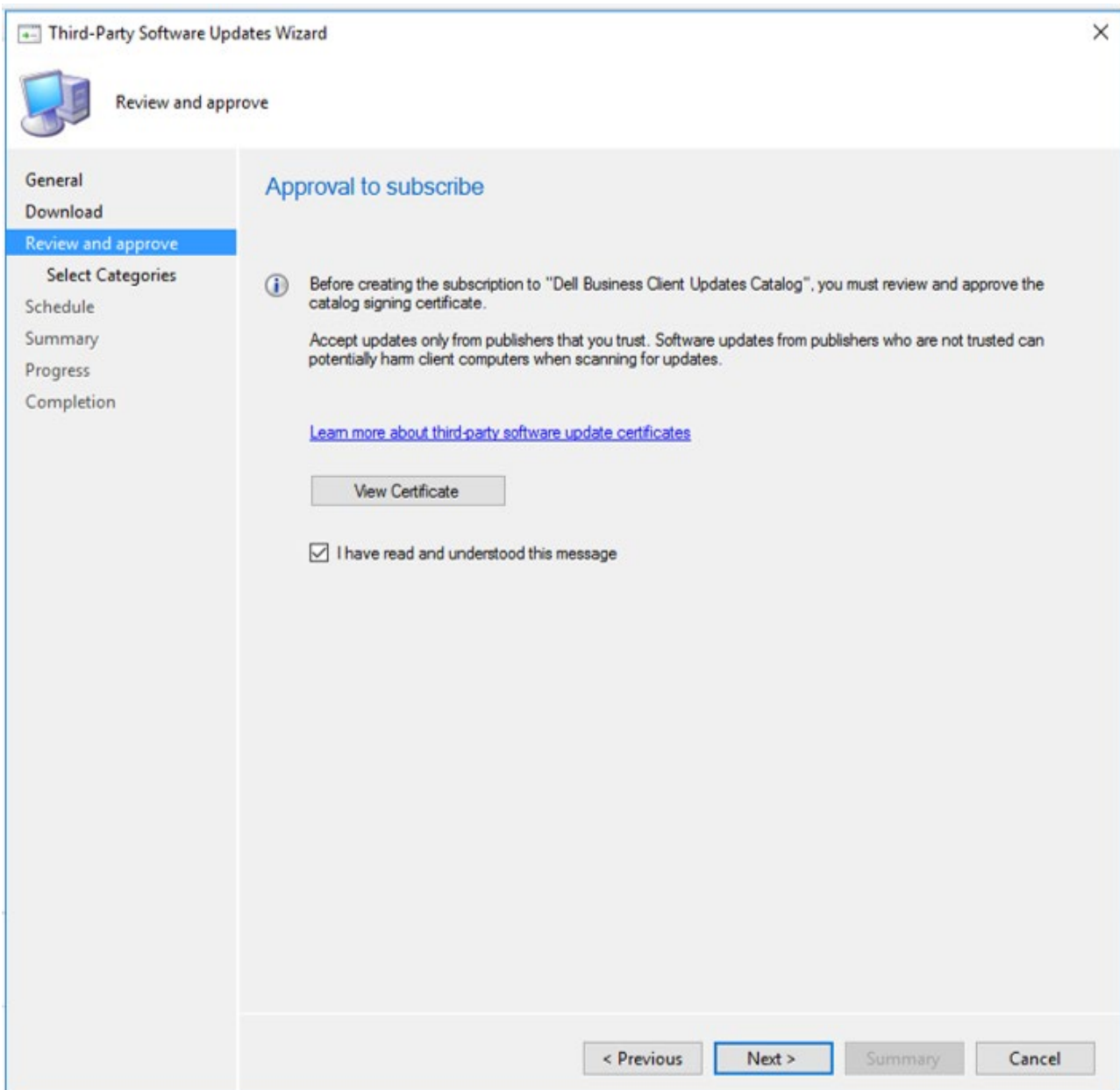
13. Click **OK** once the certificate is imported successfully.

The screenshot shows the same Windows interface as in step 12. The "Certificate" dialog box is now the primary focus, displaying the same "Certificate Information" as in step 12. A small "Certificate Import Wizard" dialog box is overlaid on top of it, with the message: "The import was successful." and an "OK" button. The "Review and approve" window in the background is still visible, showing the "Approval to subscribe" screen. The table at the bottom of the screen is also present, showing the "Dell Business Client Updates Catalog" entry expanded.

14. Click Browse and select Trusted Root Certification Authorities, and then click OK.



15. Once the certificate installation is completed, select **I have read and understood this message** and click **Next**.



V3 Catalog Support

Dell Business Client Update Catalog contains the updates for BIOS, firmware (HDD/SSD), drivers, and Dell applications for supported Dell Client Systems.

The Dell Catalog leverages the V3 catalog schema to optimize the customer experience for client system updates with categorized updates for the following levels of filters.

Categories:

- Level 1: Line of Business
 - For example: Dell Precision, Latitude, and so on.
- Level 2: Model Name and Number
 - For example: Latitude 7200, Latitude 7300, and so on.

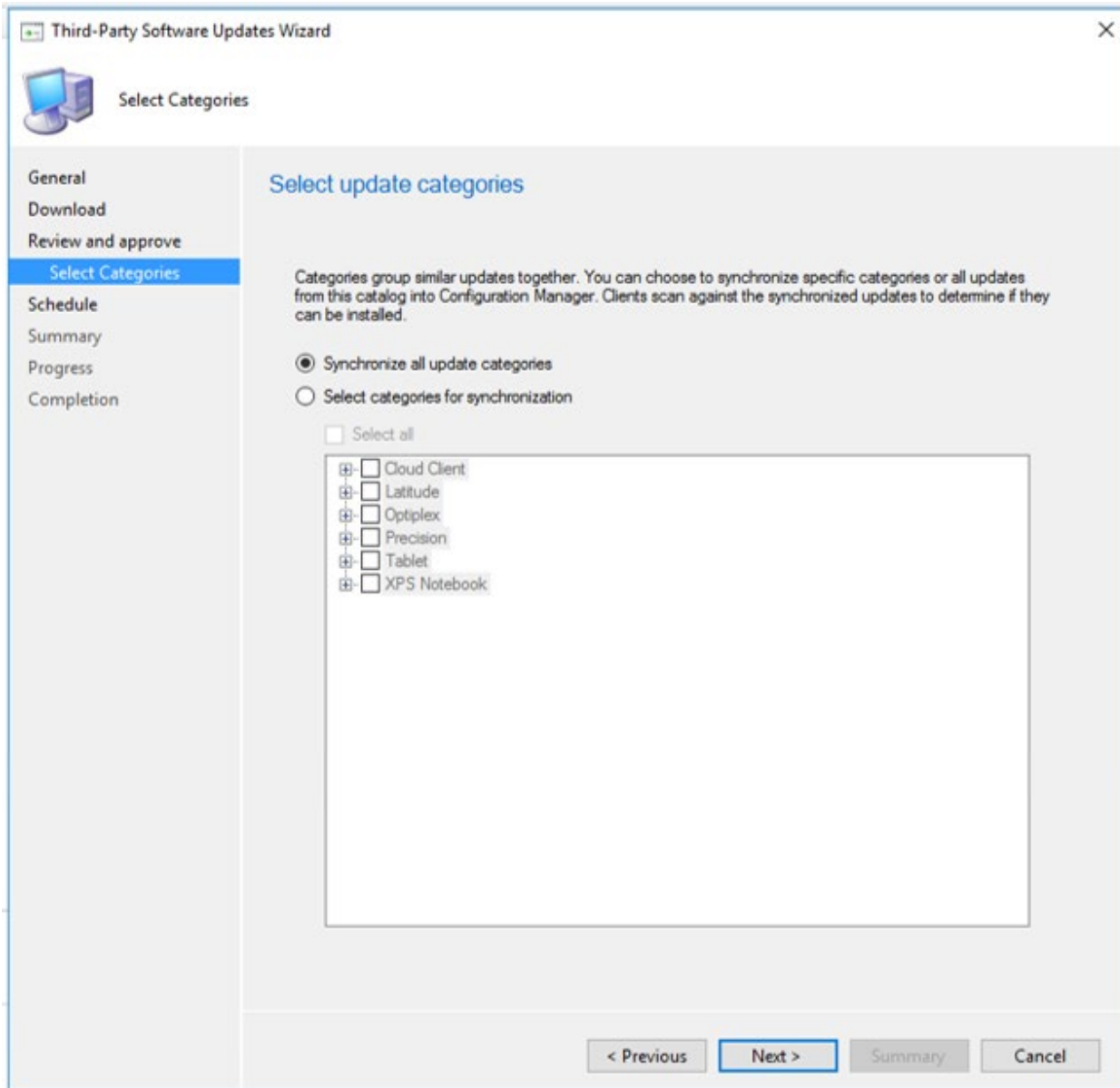
Using Configuration Manager users can select multiple categories based on the Dell commercial environment for update subscription and synchronization.

Note: MEMCM users must re-subscribe to the Dell Business Client Update Catalog to utilize the enhanced category filters supported by Dell.

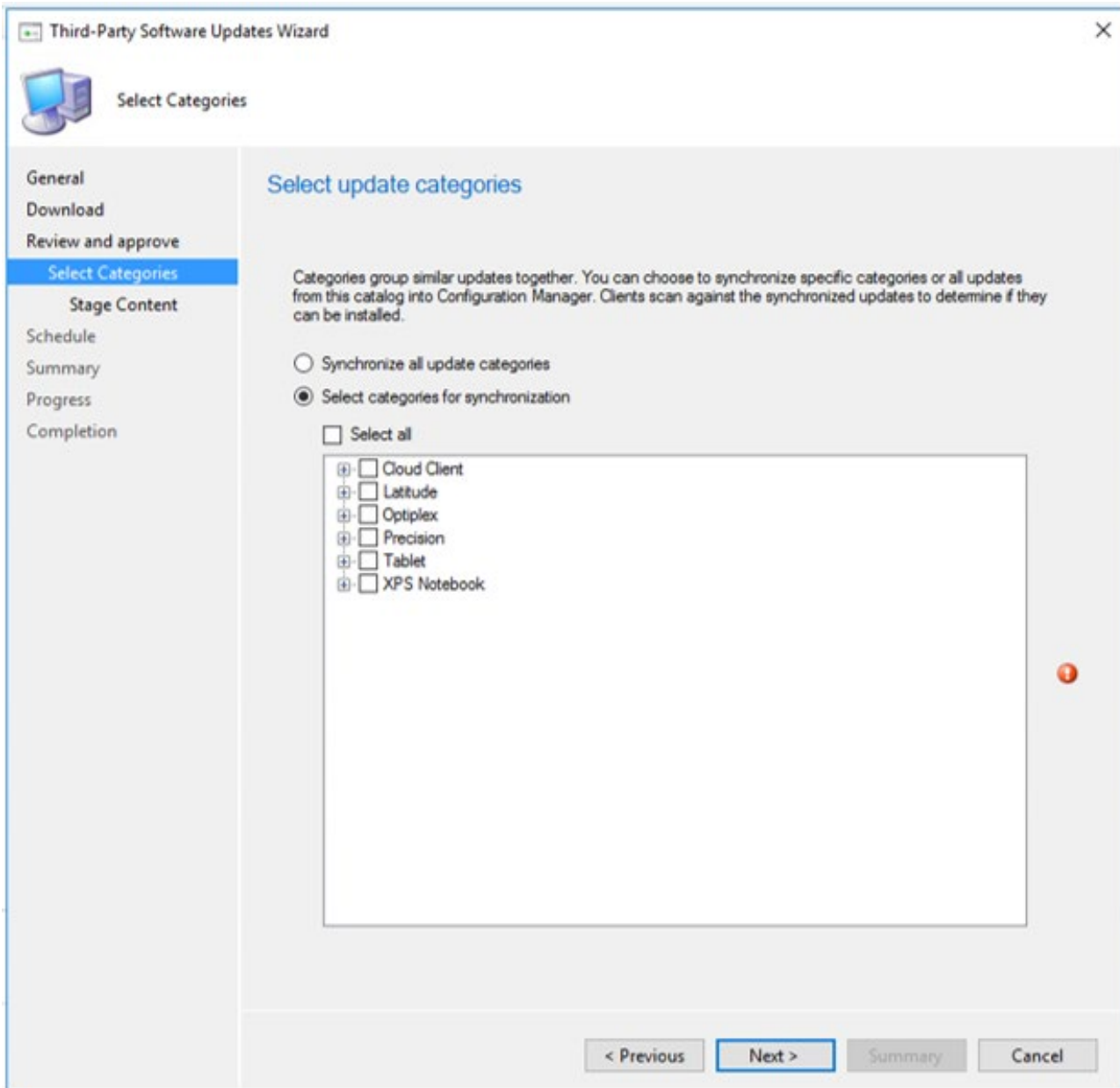
The Dell Business Client catalog is backward compatible with earlier versions of the MEMCM. However, category filters are not available to the existing updates stored in the database or to versions earlier to MEMCM (1910).

Selecting Update Categories

1. In the **Select Categories** section, there are two options that are displayed:
 - a. **Synchronize all update categories**
 - b. **Select Categories for synchronization**
2. By default, **Synchronize all update categories** is selected. By selecting the default option, all the system model updates are synced to the configuration manager console.

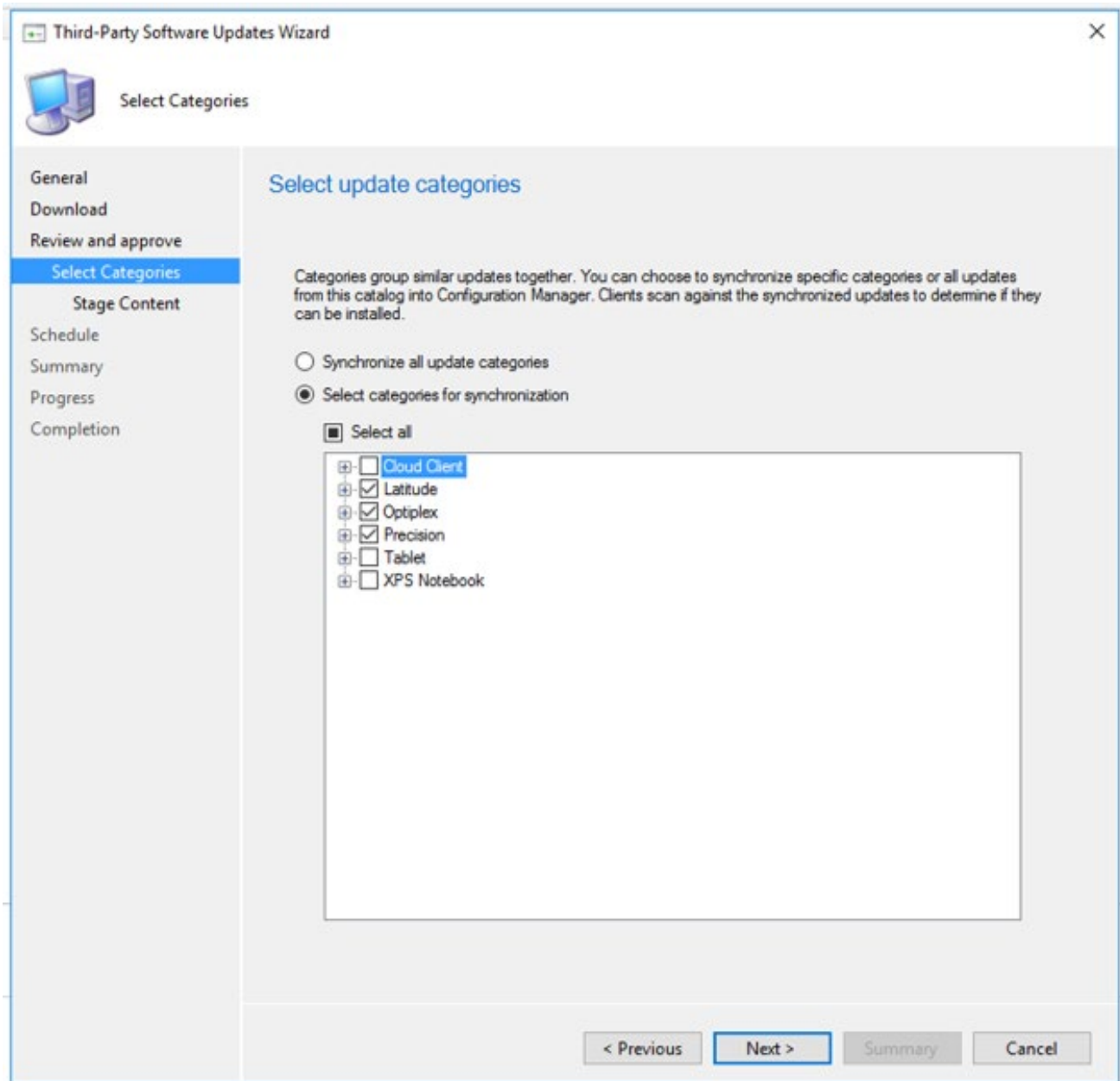


3. By selecting **Select Categories for synchronization**, Users can select specific Dell platforms.

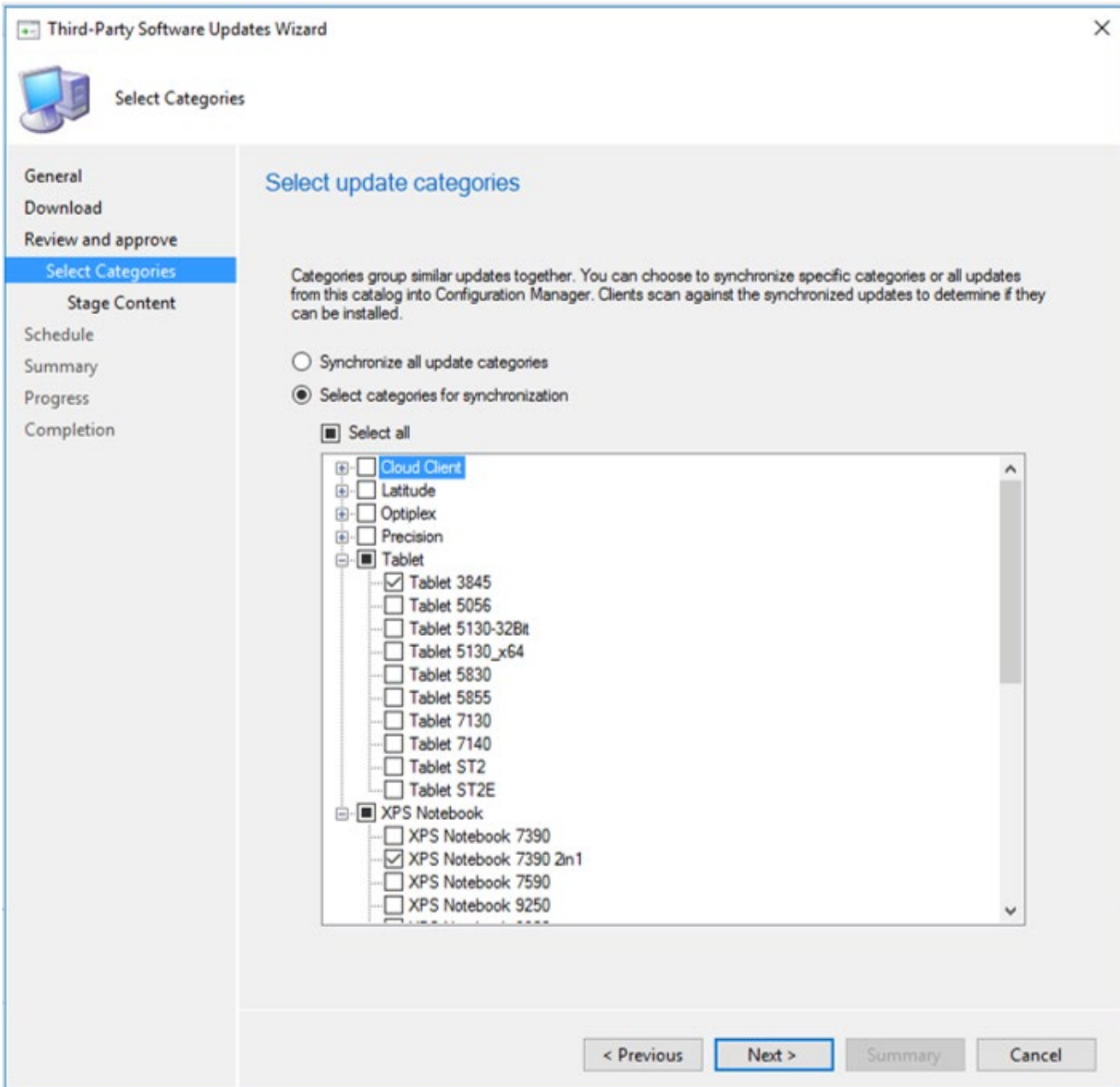


4. **For example:** Select **Latitude** and click **Next** will show all updates applicable to the Latitude systems synced to the Configuration Manager.

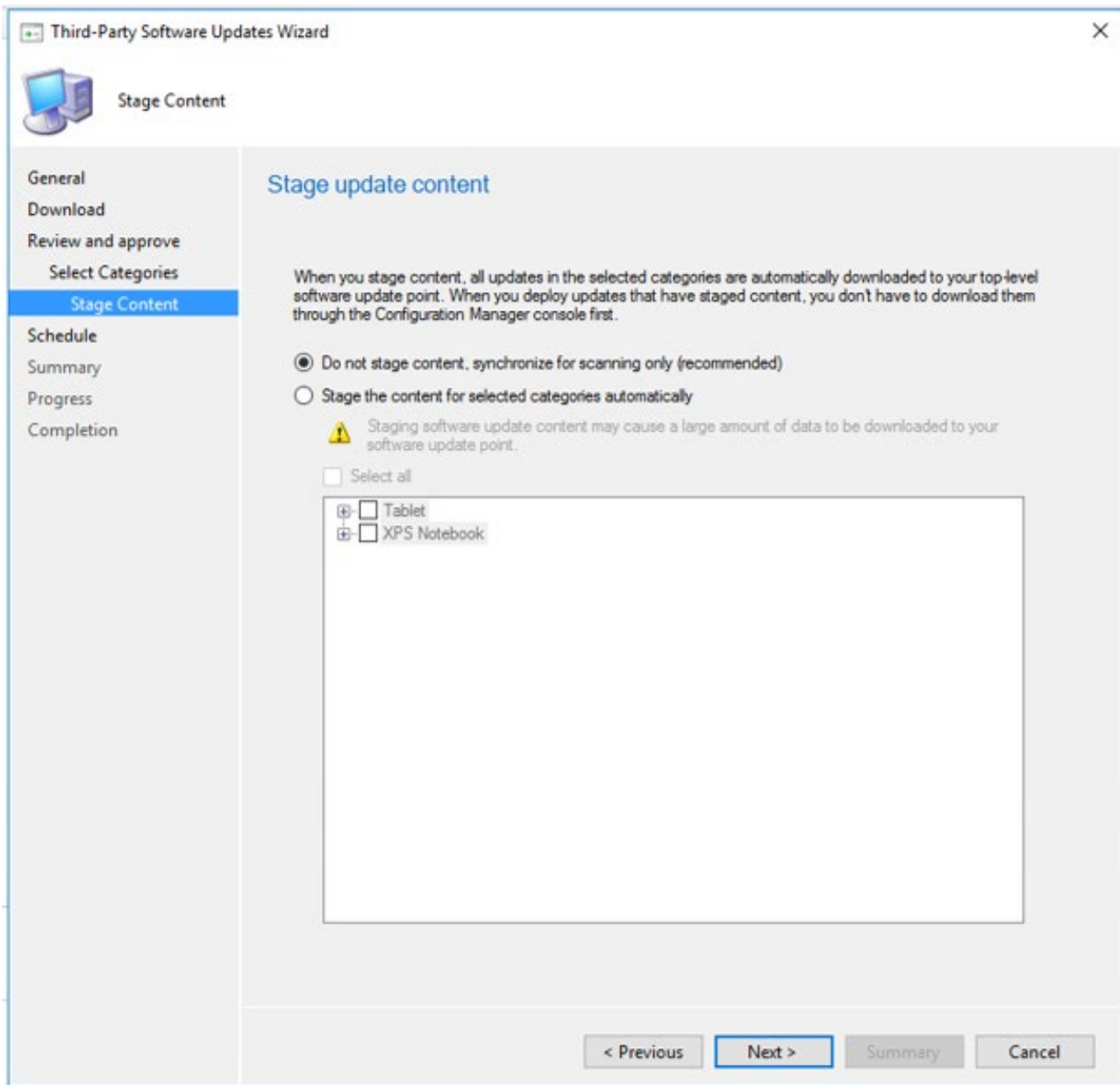
Similarly, users can select multiple platforms based on your environment.



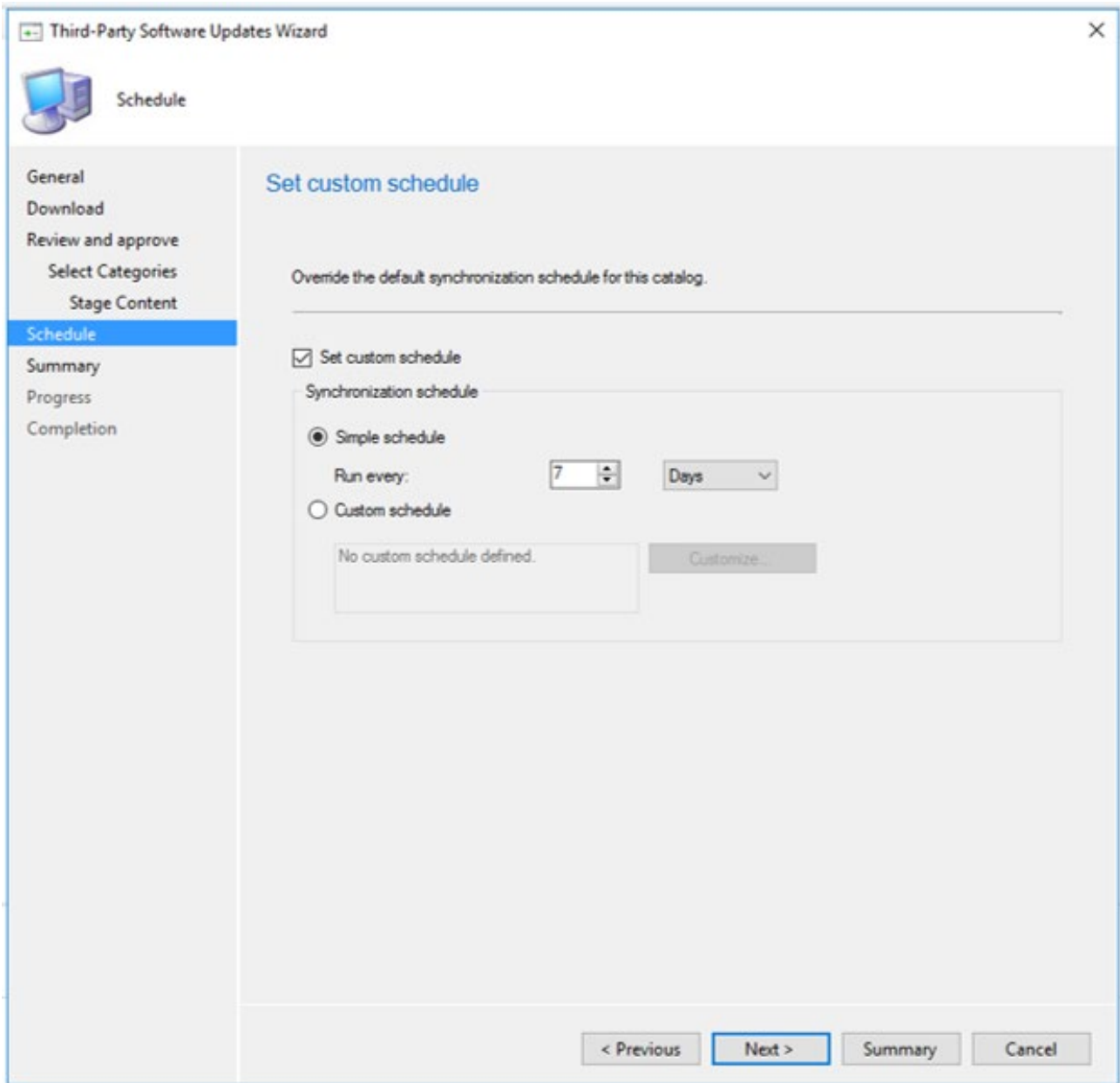
5. To subscribe to a selection of models for a single platform, expand the category and select the desired models.



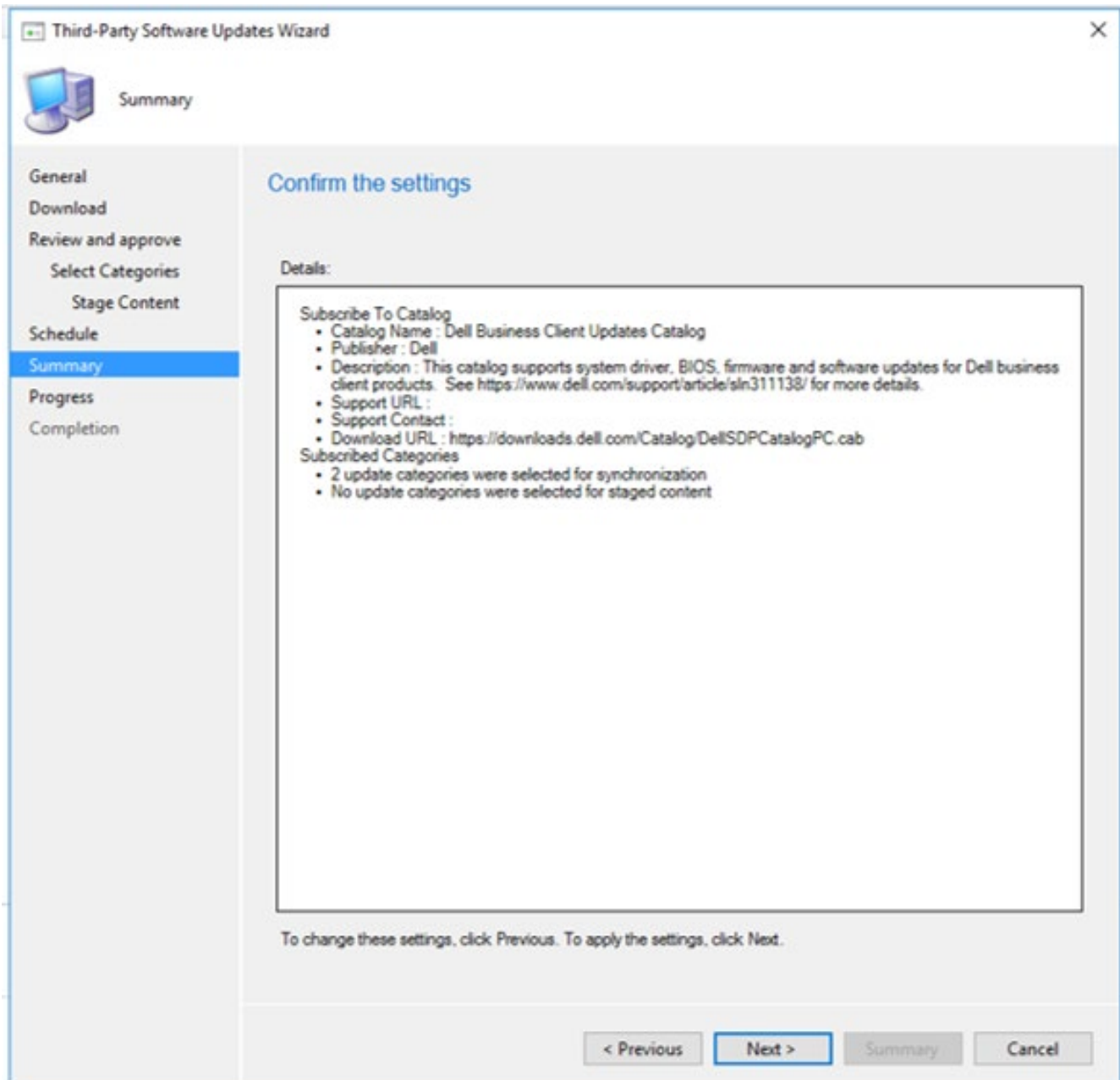
6. Once the models are selected, select synchronize the content or stage the content.



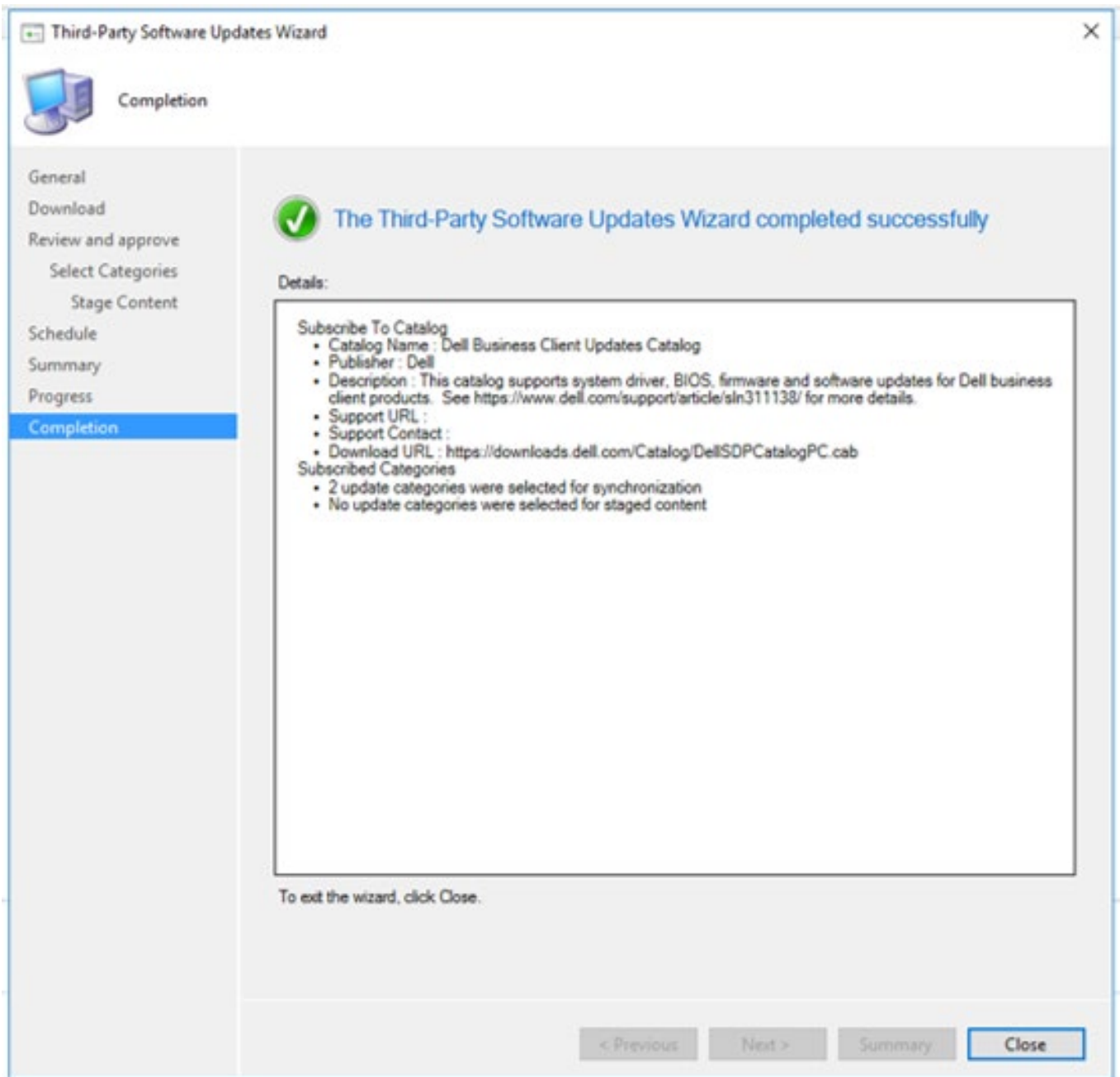
7. Users can also set a schedule to sync the catalog according to a specific timeline.



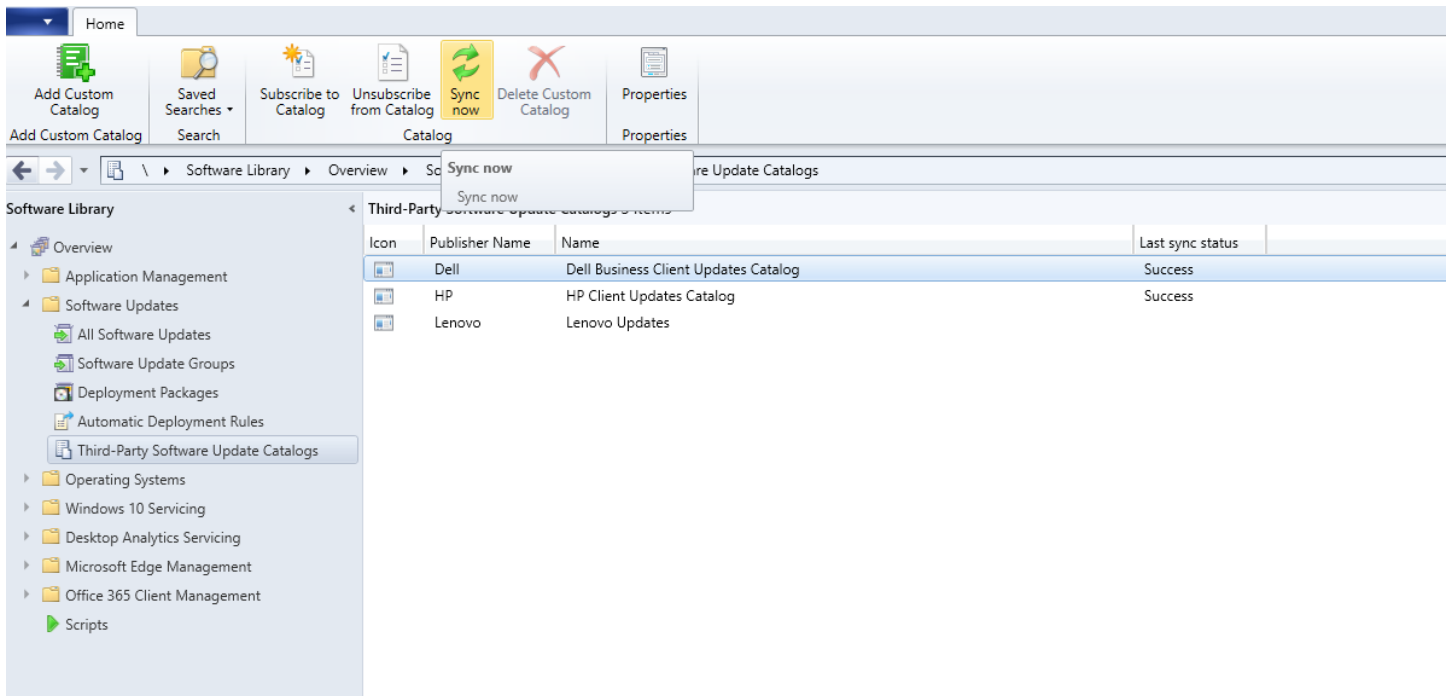
8. Click **Next**.



9. Once the catalog subscription has been completed click **Close** to proceed.



10. Once subscribed to the **Dell Business Client Updates** catalog click **Sync Now** to synchronize the updates to the respective platforms.



Conclusion

Dell client customers can benefit from the third-party catalog changes introduced by Microsoft, from MEMCM version 1910 onwards. Dell client customers using MEMCM can now choose to subscribe and synchronize updates for a selection of Dell platforms and models that are applicable to their environment.

This enhanced feature provides a more streamlined solution to synchronize the Dell Update Catalog helping to reduce time spent for deployment preparation and speeding up the overall update process.

Dell helps enterprise customers to easily manage their enterprise environment and provides an optimized user experience with the latest features of the Dell Command Client Suite.

References

www.dell.com/command

<https://docs.microsoft.com/en-us/configmgr/sum/deploy-use/third-party-software-updates>

<https://docs.microsoft.com/en-us/configmgr/core/plan-design/changes/whats-new-in-version-1910>