

WADK, WinPE & Admin Console

Click [Set up a Configuration Manager lab](#) for detailed setup instructions and access to all necessary download links for the lab.

Install:

- Windows ADK: Deployment Tools, USMT only
- WinPE Addon
- SCCM Admin Center

To download and install Configuration Manager:

1. Navigate to the [Evaluation Center](#) page to download the newest evaluation version of Configuration Manager.
2. Decompress the download media into your predefined location.
3. Follow the installation procedure listed at [Install a site using the Configuration Manager Setup Wizard](#). Within that procedure, you'll input the following:

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Step in site installation procedure	Selection
Step 4: the Product Key page	Select Evaluation .
Step 7: Prerequisite Downloads	Select Download required files and specify your predefined location.
Step 10: Site and Installation Settings	- Site code: e.g. LAB - Site name: e.g. Mylab - Installation folder: specify your predefined location.
Step 11: Primary Site Installation	Select Install the primary site as a stand-alone site , then click Next .
Step 12: Database Installation	- SQL Server name (FQDN): input your FQDN here. - Instance name: leave this blank, as you'll use the default instance of SQL Server that you previously installed. - Service Broker Port: leave as default port of 4022.

Step in site installation procedure	Selection
Step 13: Database Installation	Leave these settings as default.
Step 14: SMS Provider	Leave these settings as default.
Step 15: Client Communication Settings	Confirm that All site system roles accept only HTTPS communication from clients isn't selected
Step 16: Site System Roles	Input your FQDN and confirm that your selection of All site system roles accept only HTTPS communication from clients is still deselected.

Enable publishing for the Configuration Manager site

Each Configuration Manager site publishes its own site-specific information to the System Management container within its domain partition in the Active Directory schema. Bidirectional channels for communication between Active Directory and Configuration Manager must be opened to handle this traffic. You'll also additionally enable Forest Discovery to determine certain components of your Active Directory and network infrastructure.

To configure Active Directory forests for publishing:

1. In the bottom-left corner of the Configuration Manager console, click **Administration**.
2. In the **Administration** workspace, expand **Hierarchy Configuration**, then click **Discovery Methods**.
3. Select **Active Directory Forest Discovery** and click **Properties**.
4. In the **Properties** dialog box, select **Enable Active Directory Forest Discovery**. Once this is active, select **Automatically create Active Directory site boundaries when they are discovered**. A dialog box will appear that states **Do you want to run full discovery as soon as possible?** Click **Yes**.
5. In the **Discovery Method** group at the top of the screen, click **Run Forest Discovery Now**, then navigate to **Active Directory Forests** in the sidebar. Your Active Directory forest should be shown in the list of discovered forests.
6. Navigate to the top of the screen, to the **General** tab.
7. In the **Administration** workspace, expand **Hierarchy Configuration**, then click **Active Directory Forests**.

To enable a Configuration Manager site to publish site information to your Active Directory forest:

1. In the Configuration Manager console, click **Administration**.
2. You'll configure a new forest that hasn't yet been discovered.
3. In the **Administration** workspace, click **Active Directory Forests**.

4. On the **Publishing** tab of the site properties, select your connected forest, then click **Ok** to save the configuration.
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Revision #3

Created 14 July 2025 17:09:11 by Admin

Updated 15 July 2025 22:48:05 by Admin