

Step by step procedure on how System Center Configuration Manager (SCCM) works

Step 1: Create the Package

- The SCCM admin creates a package in the SCCM console.
 - It includes the installer files and command line to run the setup.
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Step 2: Send to Distribution Points

- The package is sent to Distribution Points
 - These Distribution Points store the files close to the user's region.
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Step 3: User Downloads from Distribution Points

- When a user requests the app, it's downloaded from their nearest Distribution points, not from the central SCCM server.
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Step 4: SCCM Agent Installation

- The SCCM agent is installed on the user's machine.
 - It allows the system to communicate with SCCM servers.
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Step 5: Policy Check and Deployment

- The SCCM agent keeps checking for new policies.
 - The admin creates a deployment to target the app to specific machines.
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Step 6: Agent Downloads Package

- Once the policy reaches the machine, the SCCM agent contacts the DP.
- It downloads the app files to a temporary folder.

Step 7: App Installation and Reporting

- The app is installed locally on the system.
- The status is reported back to SCCM and updated in the SCCM database.

To configure Active Directory forests for publishing

Step 1: Open Administration Section In the sccm console go to the bottom left corner click on Administration

Step 2: Inside Administration, find and expand "Hierarchy Configuration".

Step 3: Configure AD Forest Discovery Click on "Active Directory Forest Discovery". On the top, click "Properties" to open its settings.

Step 4: Tick the checkbox: "Enable Active Directory Forest Discovery".
Tick the second checkbox: "Automatically create Active Directory site boundaries when they are discovered".

Step 5: At the top of the screen, click "Run Forest Discovery Now".