Install Application Manager for WSUS in a Closed Environment

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Closed environment installation requires two servers and a solution to copy specific files from one server to another. This article includes instructions on how to install and configure Application Manager in a closed WSUS environment, and how you can deploy new versions of AM supported applications.

Requirements for closed environment installation:

- Server with Internet access (Downloader server)
 - Access to Application Manager backend services
- Server inside closed environment (AM server)
 - Requirements (Excluding Network Requirements)
 - This can be a WSUS server, or a server that's able to connect to the closed environment's WSUS server
- Solution to copy files from downloader server to the AM server

Installation

- 1. Download the Application Manager installer to both servers.
- 2. Find the ID and Key for downloader installation.

3. On the Downloader server, Install AM in downloader mode. Wait until all applications have been downloaded before proceeding to the next step (Download status = Completed).

4. On the AM Server, run the Application Manager installer and follow the prompts. **Do not open** the Application Manager Integration Client from Start menu at this point!

5. Create a folder for application installation media.

6. Disable the Recast Software Application Manager - download scheduled task in the Windows task scheduler.

Task Scheduler File Action View Help Total Action View Help		
Task Scheduler (Local) Task Scheduler Library Task Scheduler Library Microsoft	Name Image: Constraint of the second secon	Status Trigg Poods Area Run End Disable Export Properties Delete

7. Copy the following files and folders from the downloader server to the AM server in the matching location. Replace existing files, if prompted.

- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\PackageDownloader.db
- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\PackageDownloader.xml

- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\Software.json
- C:\ProgramData\Recast Software\Application Manager\WSUS\Error
- C:\ProgramData\Recast Software\Application Manager\WSUS**Queue**

8. Copy everything from the downloader server's installation media folder to the newly created installation media folder on the Application Manager server.

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Recast Application Manager		K APPLIC	ATION MANAGER		
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You should now have matching files on both servers:

Downloader server



AM Server

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To configure the AM Server:

1. Open Application Manager Integration Client from the Windows Start menu.

2. Click **OK** to dismiss the error message you'll receive whenever you start Application Manager or navigate to the Overview tab. At this point, Application Manager cannot connect to our backend services.



3. On the **Settings** tab, modify the **packages root** folder value, if it's different than on the Downloader server. Click **Apply**.

Recast Application	Manager	- • ×	
Recast Applic	ation Manager		
Overview WSUS Integ Media settings	ration Settings Email Templates Scheduled Tasks		
Packages root	E:\Recast Application Manager\Applications\	Browse	
Email settings		🔤 🗹 🔤 = Applications	
Server		File Home Share View	
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	Secured connection (SSL/TLS)	← → Y ↑ SCCM (E:) > Recast Application Ma	nager > Applications
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		A data	6 4 2022 10 02 File 6-14
Credentials	Set (no authentication)	Desktop Adobe	6.4.2023 10.03 File folder
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		Applications # Microsoft	6.4.2023 10.03 File folder
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4. On the **WSUS Integration** tab, click the **Local server** checkbox if you installed Application Manager on the WSUS server, or specify **Remote server** information. Click **Apply**.

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Overview WSUS Integration Settings Email Templates Scheduled Tasks	lastellation annuals		
Service status WSUS integration O Enabled	Refresh groups		
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Port 8530	Computer group settings		
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Send logs to Centero	Deadline after wait time (days)	7 Optional install	×.
	Template name		\sim
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5. Generate or import the server certificate.

6. Make sure **Server status** is **Ok** and the **Server certificate status** is **Valid**. Enable WSUS Integration by selecting **Enabled** and then **Apply**.

🍕 Recast Application Manager		– 🗆 X
Recast Application Manager		APPLICATION MANAGER
Overview WSUS Integration Settings Email Templates Scheduled Tasks	- Installation approvale	
WSUS integration Enabled Disabled	Refresh groups	
Server settings Local server Server status Remote server Name censvm13.centero.local Port 8530 Use SSL	□ ¥ All Computers	uters
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Server certificate Status Valid, expires: 6.4.2043 10.33.34 Actions Export Generate Import certificate Settings	Computer group	Check / uncheck all Check / uncheck all Adobe Reader DC MUI x86 Citrix Workspace App EN x86 Google Chrome EN x86 Google Chrome EN x86 Igor Pavlov 7-Zip EN x64 Microsoft Power BI Desktop EN x64
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		Apply Close

7. Restart Application Manager by selecting **Close**, and reopen it from the Start menu. Make sure Download Statuses are

Completed, and you can see **WSUS Status** and **WSUS Deployment Groups** columns. If the columns are missing, restart the Application Manager.

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Recast Application Mar	4 APPLICA	TION MANAGE	R					
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8. On the **WSUS Integration** tab, select applications and configure the installation schedule for your target groups. Select **Apply** to save changes and select **OK** in the pop up window.

🍕 Recast Application Manager	- C X
Recast Application Manager	APPLICATION MANAGER
Overview WSUS Integration Settings Email Templates Scheduled Task	s
Service status WSUS integration	Installation approvals
Server settings	□ ∰ All Computers (2) □ ∰ Unassigned Computers
Server status Ok	
Name localhost	Computer group settings
	Computer group All Computers
	Check / uncheck all
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Server certificate Status Valid, expires: 6.4.2043 10.33.34	Google Chrome EN x64
Actions Export Generate Import certificate	Microsoft Power BI Desktop EN x64
Settings	Wait time (days) 0
Log level Debug, information, warnings and errors	Deadline after wait time (days)
Send logs to Centero	Optional install
	Template name
	Email address
	4 Apply Close

9. On the **Overview** tab, if the **WSUS Status** is **Error** for any application, select the application row and click **Retry**.

• Select Yes in the first pop up window, and No when asked to redownload the media. If you accidentally delete

installation media on the AM server, you'll need to copy the installer files from the Downloader server.

 If multiple applications are in Import error status, it might be faster to move application specific xml files from the C:\ProgramData\Recast Software\Application Manager\WSUS\Error folder to the C:\ProgramData\Recast Software\Application Manager\WSUS\Queue folder.

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Recast Application Manager								🉀 APPLICA	TION MAI	NAGER
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Citrix Workspace App EN x86	23.3.0.55	Completed	06.04.2023							
Google Chrome EN x64	112.0.5615.50	Completed	06.04.2023							
Google Chrome EN x86	112.0.5615.50	Completed	06.04.2023	Import error	All Computers					
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Application Manager will import the application and the status will change from **Import queued** to **Import Successful**.

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New application versions

Whenever the Downloader server downloads a new version of any application, you'll need to copy the following files to the closed environment's AM server in order the deploy the latest version:

- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\PackageDownloader.db
- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\PackageDownloader.xml
- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\Software.json
- Application specific file and folders:
 - C:\ProgramData\Recast Software\Application Manager\WSUS\Queue\WSUS Import [Publisher Name

Version Language Architecture].xml

- Packages root folder\Documents\[Publisher Name Version Language Architecture]
- Packages root folder\[Publisher]\[Name]\[Version]
 - Packages root folder might be different in downloader and AM servers, but the structure should stays the same

Example: If there was a new version of 7-Zip, you would copy the following file and folders to AM server, in addition to three files from PackageDownloader folder



Known issues

The Overview tab might be empty after retrying an application import or performing other actions on the Overview tab. The application list should come back after restarting Application Manager.