Recast

Upgrades

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Upgrade Right Click Tools Version

Follow these steps to update Right Click Tools implementations connected to a Recast Management Server.
For Right Click Tools Standalone, see Upgrade Right Click Tools Standalone Version.

Upgrading Right Click Tools to the latest release lets you take advantage of new features, performance improvements and bug fixes. For details, see What's New in Right Click Tools.

Newer versions of Right Click Tools, Recast Management Server, Recast Proxy, and Recast Agents can be installed in place right over existing versions.

> **Best Practices**
>
> - Run a backup of your Recast Management Server infrastructure prior to installing a new version of Right Click Tools.
> - Keep Right Click Tools and the Recast components in your deployment upgraded to the same version.

> **Notes on upgrading much older versions of Right Click Tools**
>
> - If you are currently running Right Click Tools Version 5.4.2402.1403 or earlier and are upgrading to Version 5.9.2502.2105 or later, you must first complete an intermediary upgrade.
> - Version 5.x and 4.x components are not compatible. You must upgrade Right Click Tools, Recast Management Server, Recast Proxy and Recast Agents to a v5 release for Right Click Tools to work correctly.
> - To upgrade Right Click Tools versions older than 4.x, we recommend uninstalling the old version before deploying a newer release.

Upgrade Sequence

When upgrading Right Click Tools, install new versions of the applications and components in your Recast deployment in the following order:

1. **Recast Management Server**
   Where Recast Management Server, Recast Proxy, and Recast Agent Gateway are installed on the same computer, all are updated when you upgrade the Recast Management Server version.

   If have a standalone Recast Proxy and/or Agent Gateway installed on a different device than RMS, you'll need to update them separately before updating Right Click Tools.

2. **Right Click Tools**
   You must run the Right Click Tools installer anywhere you have Right Click Tools installed on a Configuration Manager console.

   If you are running the Right Click Tools browser extension, it will update automatically to the newest version within a few hours of its approval in the Edge and Chrome stores.

3. **Recast Agents**

You can check that the upgrade is complete within **Programs and Features**.

Upgrade Your Recast Management Server

To upgrade your Recast Management Server:

1. Download the installation file from the Recast Customer Portal.

   NOTE: For compliance purposes, you can verify the authenticity of downloaded Recast Software installation files. See Validate Authenticode Signature with PowerShell.

2. Double-click the downloaded installation file.

3. Follow the installer prompts.

Upgrade Right Click Tools and Recast Agents with RCT Patching

We recommend upgrading to newer Right Click Tools and Recast Agent versions using Right Click Tools Patching.Your Right Click Tools Enterprise license alone gives you access to Patching. In the absence of Patching licensing, the Patching software catalog is limited to the Right Click Tools and Recast Agent applications.

Prerequisites for Deploying Agents using RCT Patching:

- Recast Management Server is running Recast Software version 5.4 or later
- Required proxy permissions for Patching are in place

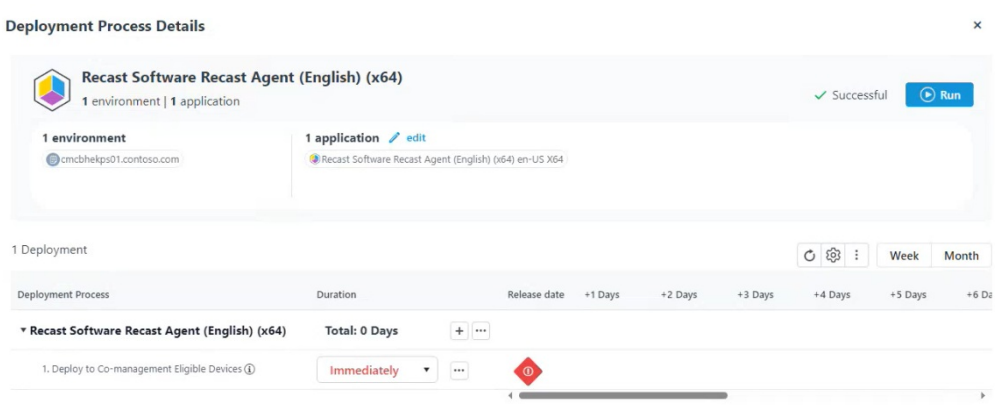
TIP: Alternatively, you can choose to upgrade Right Click Tools and Recast Agents manually by downloading and running new versions of the RCT and Agent installers.

To deploy the Right Click Tools and Recast Agent applications with RCT Patching:

1. If you haven't already done so, complete your initial Patching setup, skipping the Setup Wizard's Define Deployment Processes step.

2. Add a deployment process for the 'Right Click Tools' and 'Recast Agent' applications.

3. On the **Deployment Process Details** page, click the Settings cog to open your Global Deployment Process settings.



4. On the Advanced tab, set Additional Installation Parameters:
   - **Silent Agent Install**: Add the **RCTENTERPRISESERVER=https://<RMS FQDN>:<Port>** parameter to your install string, substituting the FQDN and port number for your Recast Management Server.
   - **Connect Recast Agents to a specific Agent Gateway**: Add the **AGENTGATEWAY=https://<AG FQDN>:<Port>** parameter to your install string, substituting the FQDN and port number for your Agent Gateway

NOTE: Adding these parameters in the deployment settings enables deployed Recast Agents to connect to your Recast

Management Server, verify that the certificate used by the RMS is trusted, and successfully enroll with the RMS. Recast Agents are required to enroll with the RMS before they can communicate with a Recast Agent Gateway and be used to run actions.

5. Scroll down to the bottom of the side panel and click **Save & Close**.

6. Back on the **Deployment Processes** page, you can manually trigger the deployment by clicking the ellipsis (...) to the right of the deployment process and choosing **Run** from the drop-down.

For a video walkthrough, see Chris Antoku's Recast Application Deployment video on our YouTube channel.

Re-authorize an Agent Gateway

After upgrading to new Recast Software versions, you may need to re-authorize your Right Click Tools server as an Agent Gateway.

To re-authorize an Agent Gateway:

1. In the Recast Management Server interface, navigate to **Agent Gateways**.

2. Click the Edit icon to the right of the computer you want to authorize as an Agent Gateway.

3. Enable the **Authorized** checkbox and click **Save**.

Silent install: Right Click Tools with Recast Management Server

Add the parameter `RCTENTERPRISESERVER=https://<FQDN>:<Port>` to your install string so your console can connect to the Recast Management Server. Substitute the FQDN for your RMS server followed by the port number. The default port used by RMS is TCP 444.

Example:

```
msiexec.exe /i "Right Click Tools.msi" /qn RCTENTERPRISESERVER="https://RMS.RecastDomain.com:444"
```

Validate Authenticode Signature with PowerShell

You can verify the authenticity of downloaded Recast Software installation files by running a PowerShell command that checks that the Windows installer (for example, .msi) is signed by a trusted publisher and shows no signs of tampering. The command compares the signed SHA256 against the SHA256 of the file to ensure that it was signed by a valid certificate authority.

To validate the Authenticode Signature, run the following PowerShell command against the file: `Get-AuthenticodeSignature '<Path_To_Downloaded_File`. The Recast Software Certificate Thumbprint is `5F503B4667889944234BDD808AE38689A892F1F4`. All installer files will be signed with this certificate thumbprint.

Example:

```
$sig = Get-AuthenticodeSignature '.\Recast Console Extension.msi'
If ($sig.status -eq 'Valid' -and $sig.SignerCertificate.Thumbprint -eq "5F503B4667889944234BDD808AE38689A892F1F4") {
```

```
    Return $true
} else {
    Return $false
}
```

PowerShell will return the Status and the SignerCertificate thumbprint:

- If the **Status** is **Valid**, the file's signature is intact and chains to a trusted root.
- If you see **NotSigned**, **UnknownError**, or **HashMismatch**, do not deploy the file.

You can cross-check the validity of the installer files in File Explorer by right-clicking the file and selecting**Properties**. On the **Digital Signatures** tab, ensure the publisher and timestamp look correct then open the**Details** tab if you need the certificate chain.

Uninstall Right Click Tools Version

You can revert to a previous v5 release of Right Click Tools by downloading an archived release and installing it over the more recent software version.

To download an archived release:

1. Log into the Recast Customer Portal.

2. On the Downloads page, select the **Archived Releases** tab.

3. Click the **Download** button for the software version you want to install.

Enable/Disable Right Click Tools Update Notifications

By default, your Right Click tools will display a notification whenever a new software version is released. You can view or change your notification settings in either the Recast Management Server interface or the Configure Recast Console Extension application.

To change your notification settings in Recast Management Server:

1. Open your Recast Management Server and navigate to**Administration** > **Settings**.

2. Set **DisplayUpdatePromptsToUsers** to 'true' or 'false' depending on whether you want to be notified when Recast Software releases a software update that includes new features and bug fixes.

3. Set **DisplayBugfixUpdatePromptsToUsers** to 'true' or 'false' depending on whether you want to be notified when Recast Software releases a software update that includes only bug fixes.

To change your notification settings in Configure Recast Console Extension:

1. Access the Configure Recast Console Extension from your Configuration Manager console by navigating to the Recast

Recast

Software node.

2. In the 'How Can We Help?' section, click **Configure Recast** .

3. On the **General** tab. enable or disable **Automatically Check For Updates**.

4. Click **Save** to apply your changes.

Add Recast Management Server to RCT Standalone

If you are using Right Click Tools Enterprise in Standalone mode, you can choose to add Recast Management Server to your deployment at any time. Connecting your Right Click Tools deployment to RMS offers a number of benefits.

Prerequisites

- Recast Management Server installed with Recast Proxy

Recommended Workflow to Add RMS

1. Connect Right Click Tools to Recast Management Server.
2. Check the Right Click Tools connection to RMS.
3. Upload your Enterprise license to Recast Management Server.

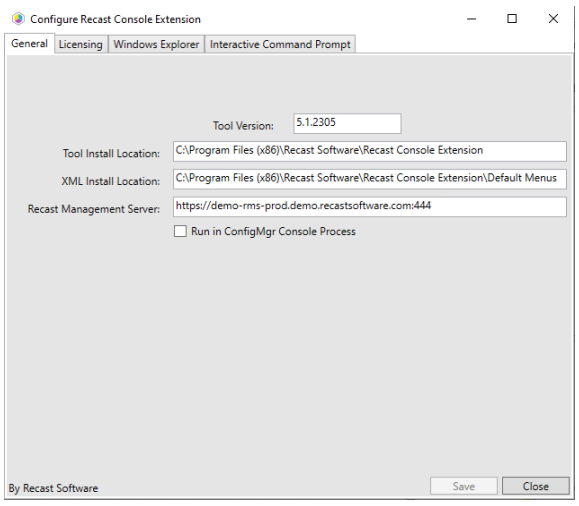
Connect Right Click Tools to Recast Management Server

Once you've installed Recast Management Server with Recast Proxy, connect Right Click Tools to your Recast Management Server in the Configure Recast Console Extension application.

To add your Recast Management Server URL:

1. From the Windows Start menu, open **Configure Recast Console Extension**.

2. On the **General** tab, enter the **Recast Management Server** URL, including `https://` at the beginning.



3. Leave the **Run in ConfigMgr Console Process** option disabled.

   NOTE: Enabling the **Run in ConfigMgr Console Process** option can be useful when troubleshooting console crashes or when security software might be blocking the Right Click Tools Console Extension application from running. It allows you to run in the Microsoft.ConfigurationManagement process instead.

4. Click **Save**.

5. If the Configuration Manager console is open, close and reopen it.

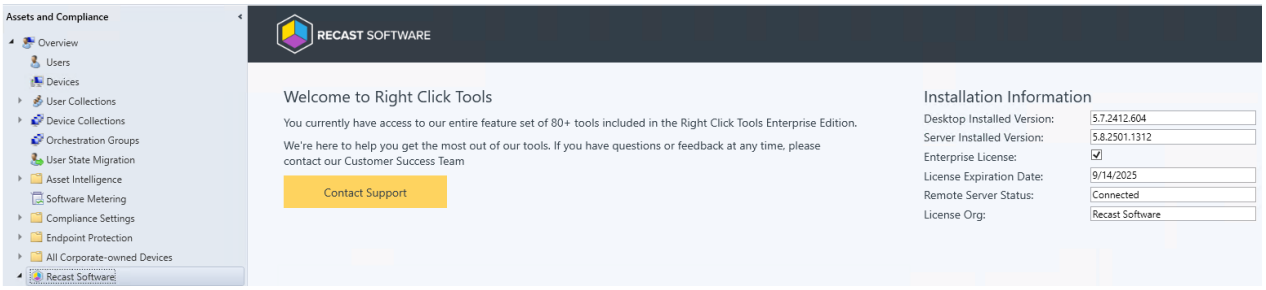
Check Recast Management Server Connection

To check that Right Click Tools is connected to RMS:

1. Open the Assets and Compliance section in the Configuration Manager console where you installed Right Click Tools.

2. Click **Recast Software** in the navigation panel.

3. Check that the **Installation Information** section shows your **Remote Server Status** as 'Connected'.



Upload Licenses to Recast Management Server

With Right Click Tools connected to your Recast Management Server, you can download your license file from the Recast Customer Portal and upload your licenses on the RMS **Licenses** page.

Next Steps: Configure Recast Management Server for Right Click Tools

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View Applications to Update with RCT Patching

Right Click Tools Enterprise customers and Community users can easily identify the applications in their environment that are available to update using Right Click Tools Patching. The App Compliance tab in your ConfigMgr console displays the applications in the RCT Patching catalog that are detected in your Add/Remove Programs inventory.

Minimum Right Click Tools Version: 5.11.2512; 5.12.2609 required to choose a data source

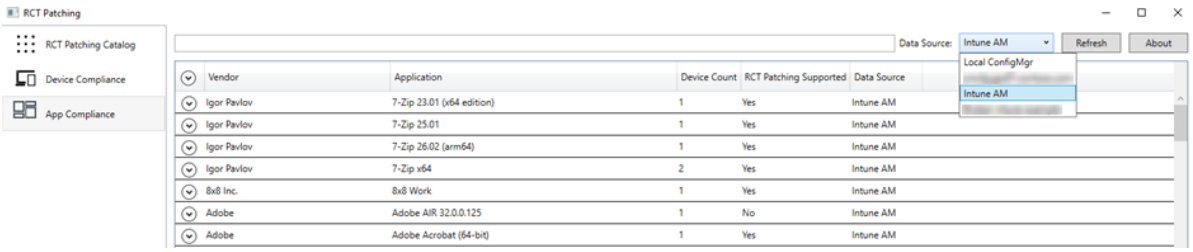
NOTES:

- Anonymized ConfigMgr and Intune hardware inventory data is sent to Recast and matched to the Right Click Tools Patching catalog.
- This feature requires outbound access to the Patching catalog at https://amprod02.recastsoftware.com.
- You do not require a Patching license to view and search the App Compliance tab.
- Each column is sortable and all catalog information is searchable.

To locate the RCT Patching App Compliance tab in your ConfigMgr console:

1. Navigate to **Assets and Compliance** > **Overview** > **Devices**.

2. Right-click on a device and select **Patching** > **Catalog Search**.



The App Compliance tab displays the following application information:

- **Vendor**
- **Application** name
- **Device Count** – number of machines on which the application is installed, requires SQL database access
- **RCT Patching Supported** (Yes/No)
- **Data Source** – When you choose a ConfigMgr or Intune data source, Patching will pull the relevant App compliance information from its Add/Remove Programs data. If your Right Click Tools deployment is not connected to a Recast Management Server, you will only see data for the console's local ConfigMgr.

  Click the **About** button for details about current and future functionality.