Recast

Install Right Click Tools with RMS

Last Modified on 2026-07-22

By implementing Right Click Tools Enterprise with Recast Management Server, you'll have access to the product's full functionality. Before downloading and installing Right Click Tools, make sure that the system requirements for its implementation are met.

Implementation Approaches

If you have yet to fully set up your RMS infrastructure Install the console extension (Task 1) initially and then install and configure your Recast Management Server (Tasks 2–4) at a later date.

If all the prerequisites for RMS are in place: Skip Task 1 and install Recast Management Server with Recast Proxy (Task 2) followed by Right Click Tools with Recast Management Server.

If you've already installed your Recast Management Server and Recast Proxy: Skip Task 1 & 2 and deploy the Right Click Tools Console Extension via RCT Patching and/or ConfigMgr.

If you're installing Right Click Tools along with Insights and Patching Follow our Essentials Bundle Implementation Guide.

Task 1: Install Right Click Tools Console Extension

To get you up and running with Right Click Tools Enterprise as quickly as possible, you'll first install the Right Click Tools Console Extension (aka Right Click Tools in Standalone mode). The Tools will be available in ConfigMgr—for users with Local Administrator permissions on target devices—while the prerequisites and permissions for other Recast components and/or products are being put in place.

Beginning with Recast Software Version 5.9.2503, you can install Right Click Tools, add the Right Click Tools browser extension, and run actions from within the Intune Admin Center on a device where no Configuration Manager console is present.

NOTE: When you enter your ConfigMgr site details during or after Right Click Tools installation (instructions below), you'll be able to run actions that require ConfigMgr information.

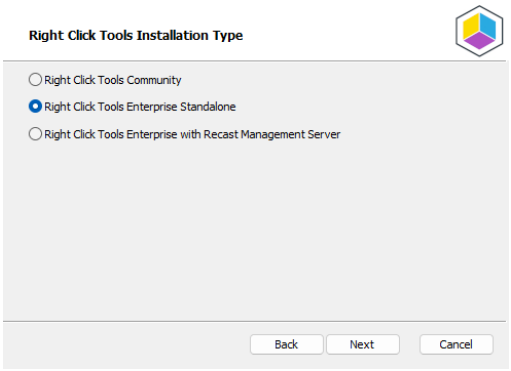
Run the Right Click Tools Installer

Make sure any Configuration Manager console installed on the device is closed before opening the installer.

To install the Right Click Tools console extension, double-click the .msi file to open the Recast Console Extension installer you downloaded from the Recast Customer Portal.

Choose Installation Type

To choose a Right Click Tools installation type, click **Right Click Tools Enterprise Standalone**. Then click **Next**.



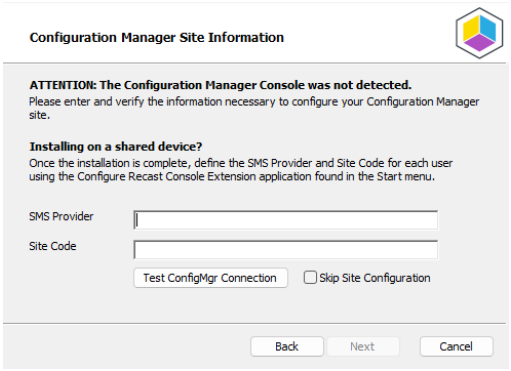
Add Configuration Manager Site Information

If you are installing Right Click Tools in order to use the browser extension on a device with no ConfigMgr console installed, you will need to add site information for the Configuration Manager console in your environment.

To add ConfigMgr site information:

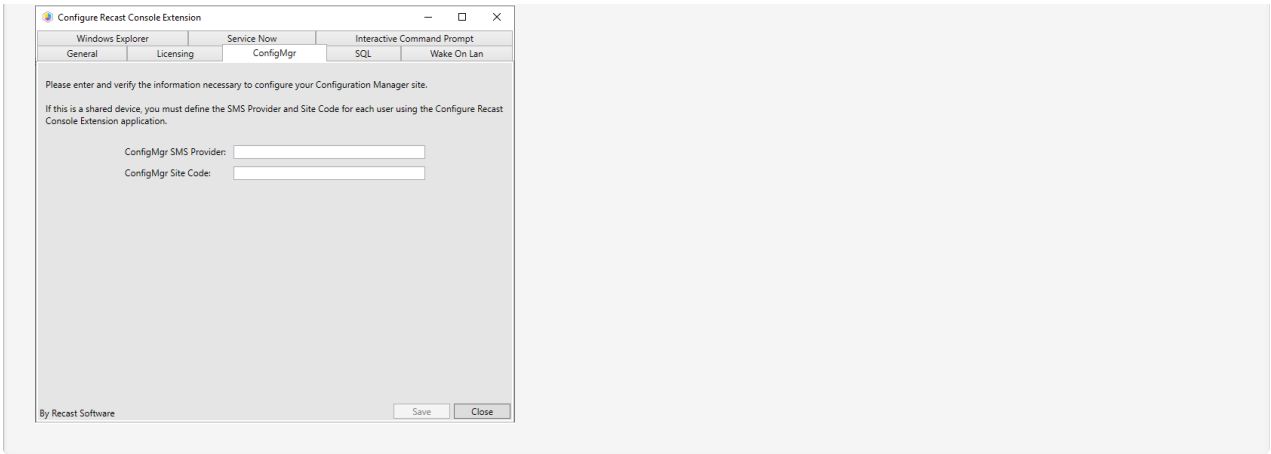
1. Enter the **SMS Provider** and **Site Code**.

2. Click **Test ConfigMgr Connection**.



Add ConfigMgr Site Information After Installing Right Click Tools

On the **Configuration Manager Site Information** page, you can choose to **Skip Site Configuration** and add the SMS Provider and Site Code after the installation completes.
NOTE: You'll need to provide those details before you can run any Right Click Tools action that requires ConfigMgr site information.
To add ConfigMgr site information after Right Click Tools installation:
1. Open the Windows Start menu and select the **Configure Recast Console Extension** application.
2. On the ConfigMgr tab, add the **SMS Provider** and **Site Code**. If Right Click Tools is installed on a shared device, you'll need to add ConfigMgr site information for each user of the Configure Recast Console Extension application.



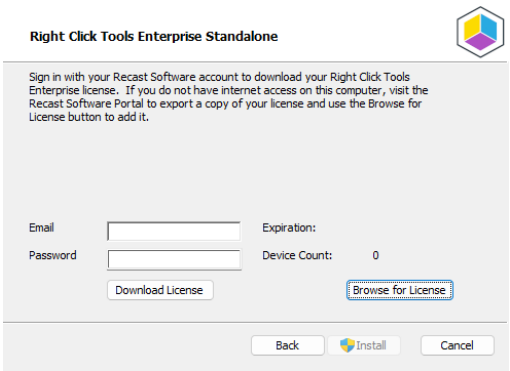
Import License

To download your Recast license:

1. Sign into your Recast Software account by entering your Recast Portal **Email** address and **Password**.

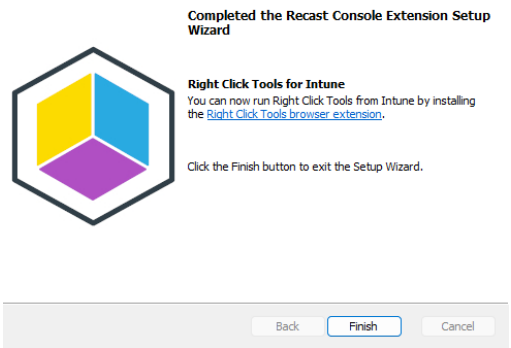
2. Click **Download License**. Your account's **Expiration** and **Device Count** details will appear in the right-hand column.

TIP: If the computer with your Configuration Manager console does not have internet access, click **Browse for License** to search the filesystem for a license file exported from the Recast Portal.



Initiate Installation

Once you have filled in the license information, click **Install**. When the installation completes, you can click the link for Right Click Tools browser extension installation instructions, or click **Finish** to close the installer.



Recast

Silent install without Recast Management Server

If you have not installed Recast Management Server, you will need to use the `LICENSEPATH=` parameter to specify the license file to use for your installation. You can download your license file from the Recast Customer Portal or copy it from `C:\ProgramData\Recast Software\Licenses` if you already have Right Click Tools installed on a device.

The license path can be a relative or full path.

Example:

```
msiexec.exe /i "Right Click Tools.msi" /qn LICENSEPATH=".\License\my.license"
```

Task 1A (Optional): Set Up Configuration Manager for Right Click Tools

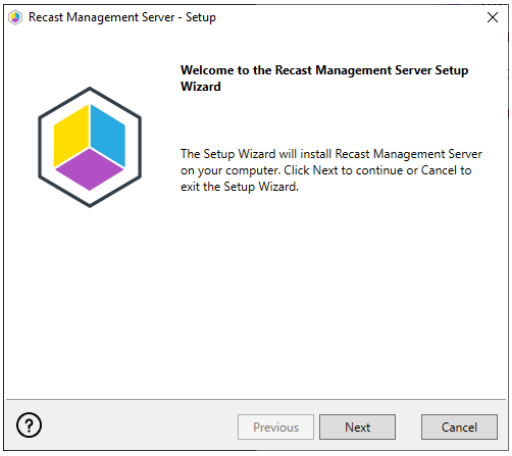
When Right Click Tools is run in Standalone mode, some actions will not work without Remote Registry or Remote WMI enabled. We recommend that you bypass the need to enable Remote Registry and Remote WMI by deploying and using Recast Agents on your devices to elevate permissions.
If, however, the installation and configuration of your Recast Management Server isn't planned for the short term and you want access to all the Right Click Tools in Standalone mode, you can start the Remote Registry service, create firewall rules for Remote Registry, Remote WMI, and ICMP Echo, and configure the Interactive Command Prompt.

Task 2: Install Recast Management Server with Recast Proxy

Recast Management Server software can be installed on its own server or on the primary Configuration Manager server. For a step-by-step visual guide to installing and configuring RMS, see our Recast Management Server Installation Tutorial

Run the Recast Management Server Installer

After downloading Recast Management Server from the Recast Portal, run the installer and follow its prompts.



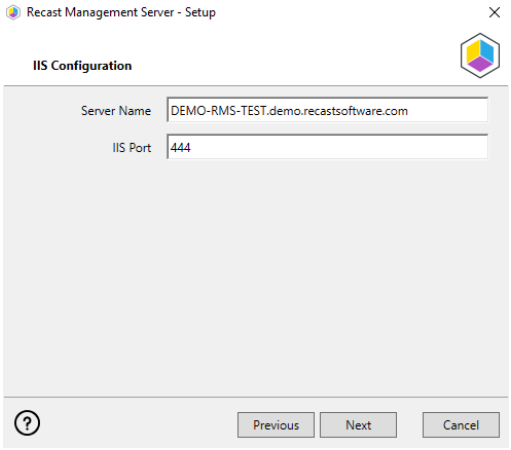
IIS

Recast

To configure IIS:

1. On the **IIS Configuration** page, change the **Server Name** only if the client is going to use a DNS alias.

2. Set the **IIS Port**. The default IIS Port is **TCP 444**, to prevent conflicts when Recast Management Server is installed on Configuration Manager servers. The IIS Port can be changed to 443, or any open TCP port, to suit your environment.

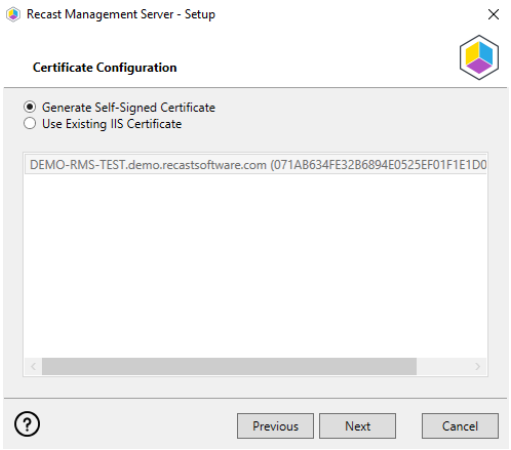


Certificates

Recast Management Server requires a certificate for secure communication with Right Click Tools and any Recast Proxies.

To configure a certificate:

On the **Certificate Configuration** page, we recommend that you **Use an Existing IIS Certificate** issued by a trusted Certificate Authority (CA). If you choose to **Generate a Self-Signed Certificate**, you must import the Recast Management Server self-signed certificate to the Trusted Root Certificate Authorities store on devices running Right Click Tools, Recast Agent, or Recast Proxy.



CERTIFICATE NOTES:

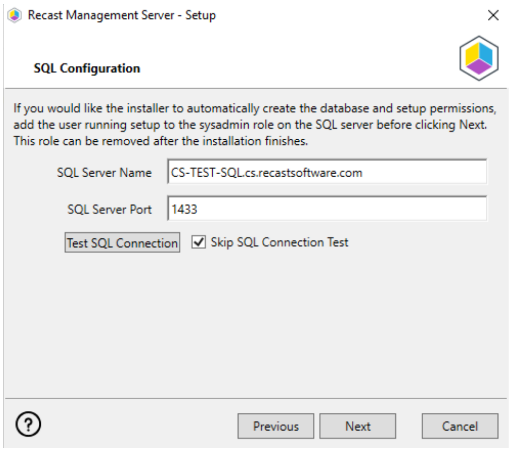
- The certificate subject name (or a subject alternative name) should match the server name in the URL that Right Click Tools and Recast Proxies are pointed toward.
- Right Click Tools will prompt for any untrusted certificates and add them to an allowed list.
- The certificate can be changed later by editing the Binding in IIS Manager.

SQL Server

There are two types of permissions that will allow the Recast Management Server installer to automatically create the

SQL database with all the necessary permissions:

- The user account running the installation can be assigned a SysAdmin role in the SQL instance. If the user account has permission to connect remotely, use the **Test SQL Connection** button to check connectivity to the SQL Server during the install. After the RMS installer creates the database, the SysAdmin permission can be removed.
- The computer account of the Recast Management Server can be granted **db_creator** permissions. In this case, check the **Skip SQL Connection Test** box.



SQL SERVER NOTES:

- The default SQL Server Port Number is 1433.
- Recast strongly recommends a fully licensed version of SQL to avoid the 10GB storage limitation of SQLExpress. SQLExpress use is only supported for POC implementations of Right Click Tools.
- After the SQL database is created, set the database recovery model to simple to prevent storage issues.
- **Remote SQL Server**: The computer account of Recast Management Server will need db_ownerpermissions to create the database on the remote device. If the account running the Recast Management Server installer does not have permission to create a SQL database, the database administrator can pre-create the RecastManagementServer database and manually give the computer account db_owner permissions.
- **Local SQL Server**: The IIS AppPool\Recast Management Server account will need db_owner permissions to create the database on the local device. Alternatively, the database administrator can pre-create the database and give the IIS AppPool\Recast Management Server account db_owner permissions to the database. The IIS AppPool\Recast Management Server account will not exist until after the installation completes, so the permissions will need to be given after installation.

Import License

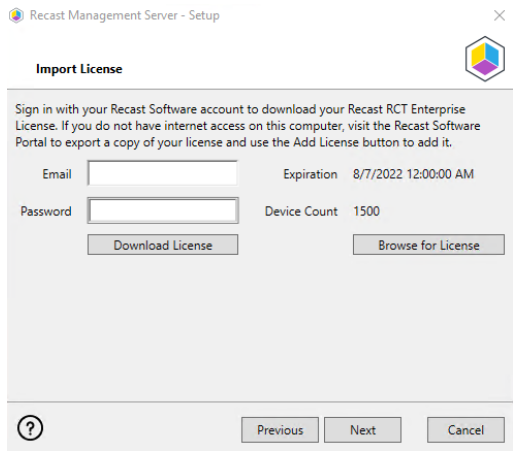
You can download and import your Recast licenses when installing Recast Management Server.

To download your Enterprise license:

1. On the **Import License** page, enter your Recast Portal email address and password.

2. Click **Download License**. The license information will appear in the right-hand column.

NOTE: If your server does not have internet access, click **Browse for License** to browse the filesystem for a license file that has been exported from the Recast Portal.



Proxy

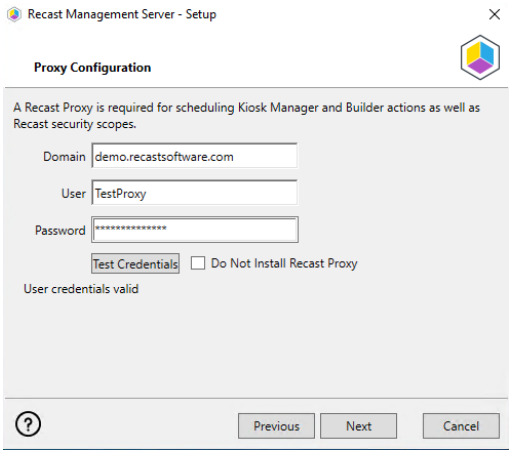
If the Recast Proxy is being installed on a server other than the Recast Management Server, install the Proxy separately after Recast Management Server installation.

NOTE: Proxy configuration is optional for Privileged Access where Active Directory or Entra ID objects are not used to target rules.

To configure the proxy during RMS installation:

On the installer's **Proxy Configuration** page, enter the service account **Domain**, **User**name, and **Password** and click **Test Credentials** to verify service account details.

TIP: If you haven't already set up the required proxy permissions, remove any information from the text fields, select **Test ConfigMgr Connection** and the **Skip ConfigMgr Verification** checkbox, and click **Next.**

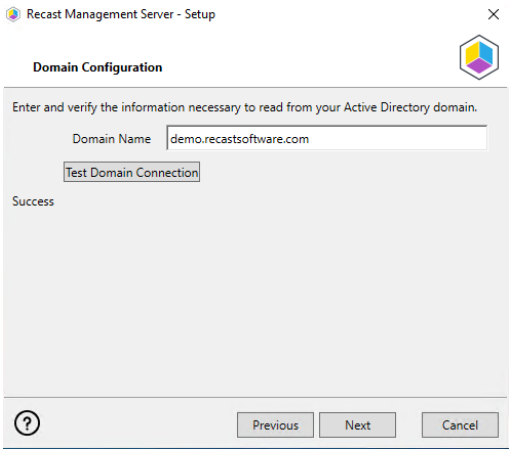


Domain

To configure your domain:

1. On the **Domain Configuration** page, enter the **Domain Name**.

2. Click **Test Domain Connection** to verify that the service account has access to read from your domain. The test should show **Success**.



Configuration Manager

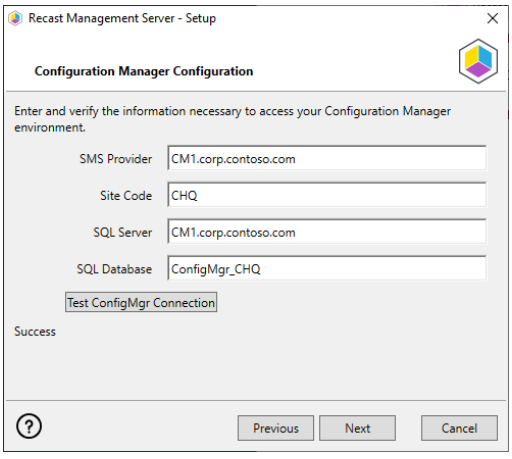
NOTE: Configuration Manager does not need to be set up for Privileged Access.

To set up your Configuration Manager for the proxy:

1. On the **Configuration Manager Configuration** page, enter the following information:
   - Name of the site server that has your **SMS Provider** role
   - **Site Code**
   - Name of the **SQL Server** where your Configuration Manager SQL database is located
   - **SQL Database** name

     NOTE: You can skip the **Configuration Manager Configuration** page during Recast Management Server or Recast Proxy installation by removing any information from the text fields, selecting **Test ConfigMgr Connection** and the **Skip ConfigMgr Verification** checkbox, and clicking **Next**.

2. Click **Test ConfigMgr Connection** to check that the service account has access.



MBAM

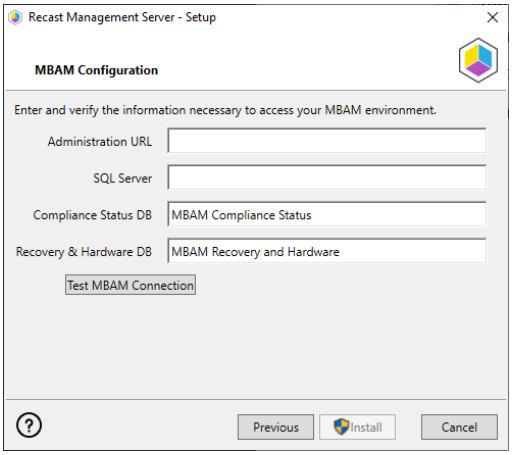
MBAM configuration is only required for a separate MBAM Server. If you are using the ConfigMgr–integrated BitLocker or AD, you can skip this section. MBAM also does not need to be configured for Privileged Access or Patching.

To configure MBAM:

1. Tap **Click Here to Configure MBAM.**

2. Add your **Administration URL** and **SQL Server** information.

3. Click **Test MBAM Connection** to verify that the service account has access to MBAM.



Initiate RMS Installation

Once you have filled in all the necessary information, click **Install** at the bottom of the **MBAM Configuration** page.

When the installation is complete, open the Recast Management Server by navigating to `https://<Server FQDN>:<Port>` in a web browser (Chrome, Edge, or Firefox are recommended).

When asked to sign in, enter the username and password for the account used to install the Recast Management Server.

Installation Log Location

To check the installation logs for Recast Management Server and Recast Proxy (when installed together), navigate to `C:\Users\<user account running the install>\AppData\Local\Temp`

NOTE: The log is named something like Recast_Management_Server_2022*****.log

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Option: Deploy Console Extension via Patching and/or ConfigMgr

If you've already installed Recast Management Server software in your environment, you can deploy the Right Click Tools Console Extension using Right Click Tools Patching and/or Configuration Manager. Your Right Click Tools Enterprise license alone gives you access to Patching to deploy Right Click Tools and Recast Agents. In the absence of Patching licensing, only the Right Click Tools and Recast Agent applications will be available in the Patching Catalog.

Prerequisites for Installing the Right Click Tools Console Extension using RCT Patching:

- Recast Management Server is running Recast Software version 5.4 or later, as that version introduces Patching in RMS.
- Required proxy permissions for Patching are in place

Deploy the Console Extension with RCT Patching

To deploy the Right Click Tools application via 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 'Recast Software Right Click Tools' application.

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

4. On the **Advanced** tab, in the Additional Installation Parameters section, add the **RCTENTERPRISESERVER=https://<RMS FQDN>:<Port>** parameter to your install string, substituting the FQDN and port number for your Recast Management Server. This will connect Right Click Tools to your Recast Management Server.

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.

Deploy the Console Extension with Configuration Manager

Option 1: Create a Patching deployment process but deploy the Console Extension with ConfigMgr

By creating a Patching deployment process for the Right Click Tools application without any deployment steps, you can automatically access new versions, with the correct install commands, and then use the Right Click Tools application in a task sequence and/or to create deployments manually in Configuration Manager.

To create a deployment process without deployment steps:

1. When creating the deployment process, choose a collection.

2. Remove the deployment step.

3. Save the deployment process.

Option 2: Use ConfigMgr to manually package and deploy the Console Extension

Silent Install

Add the **RCTENTERPRISESERVER=https://<FQDN>:<Port>** parameter to your install string, substituting the FQDN and port number for your Recast Management Server.

Example:

```
msiexec.exe /qn /i "Right Click Tools.msi" RCTENTERPRISESERVER="https://<RMS FQDN>:<Port>" /L*V "%temp%\RightClickToolsMSI.log"
```

NOTE: The default Recast Management Server port is 444. Inbound and outbound traffic over port 444 (or an alternative port you specify) must be enabled between the Recast Management Server and any device that has a Recast Agent in order for the Agent to be able to communicate with the server.

Task 3: Configure Recast Management Server for Right Click Tools

After installing your Recast Management Server, you'll need to assign roles to users and configure a Recast Proxy to manage tasks.

Recast

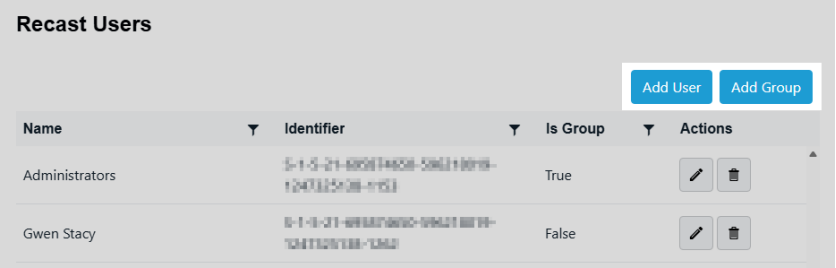
Assign Roles to Users

Add an Active Directory User or User Group in RMS

To add an AD user or user group:

1. In your Recast Management Server, navigate to **Administration** > **Permissions**.

2. In the Recast Users section, click **Add User** or **Add Group**.



3. In the window that opens, search for your AD name or AD user group and click the **Add** button.
   NOTES:
   - Search is limited to the users or groups in the same domain as your Recast Management Server.
   - Search looks to match the user logon name (SamAccountName) not the display name.

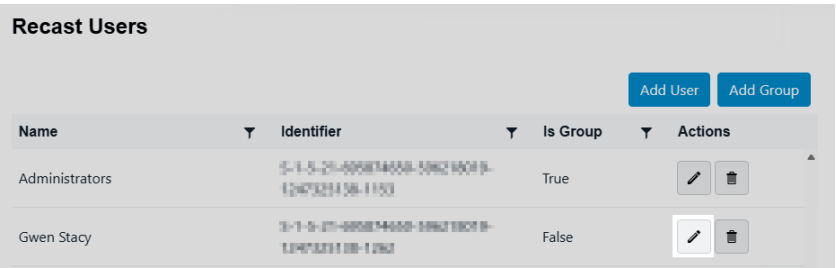
> **Use a wildcard (*) to facilitate your search**
> Wildcard examples:
> **John Connor** returns strings that match exactly
> **John C*** returns strings beginning with 'John C', such as '**John C**onnor', '**John C**onnors', and '**John C**ranston'
> ***Connor** returns strings ending with 'Connor', such as 'John **Connor**' and 'Carol O'**Connor**'
> ***Support*** returns strings that include 'Support' plus whatever is on the left and right, such as 'Customer **Support** Team' and 'Enterprise **Support** Group'

Assign a User or Group a Role

Each user or user group must be assigned at least one role.

To assign a user a role:

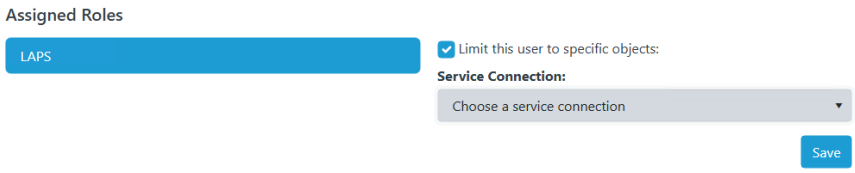
1. On the **Permissions** page, click the Edit icon to the right of the user or group.



2. In the **Role Assignments** window that opens, under **Roles**, select a role to assign to the user/group.

To learn about the individual permissions granted by a role, see View or Edit User Role Permissions.

3. Under **Assigned Roles**, enable **Limit this user to specific objects** and select a **Service Connection** to add a limiting rule that restricts user permissions to a set of devices (optional). To learn more, see Limiting Rules.



4. Click **Save**.

NOTE: Beginning with Recast Software Version 5.9.2502.2105, you no longer have to set a **Refresh Interval** to repopulate your limiting rules (formerly known as scopes). The scheduled Discovery Sync will keep your service connection data up to date.

NOTE: For Patching, the user account running the Recast Proxy requires the **TaskScheduler** > **StartTaskByName** permission in RMS prior to running the initial setup. You can grant the permission using the default **Administrator** role, or by a creating custom role.

Configure a Recast Proxy to Manage Tasks

A Recast Proxy can be used to manage a number of tasks within Right Click Tools, such as allowing access to web dashboards, scheduling Recast Builder actions and Kiosk Manager actions. You'll also require a Recast Proxy to collect warranty information with Insights.

To set up a proxy to manage tasks, you must authorize the proxy in the Recast Management Server (if necessary), create a Recast Proxy route, order the routes to match your priorities, and add service connections.

Authorize a Recast Proxy

By default, the Recast Management Server automatically authorizes any proxy installed in the same domain as the Recast Management Server. Proxies installed in other domains must be approved manually, unless you've edited the default setting to approve all proxies automatically.

Create a Recast Proxy Route

To create a Recast Proxy route:

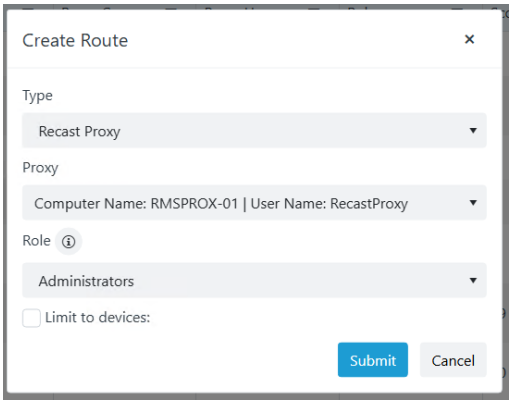
1. On the **Routes** page in your Recast Management Server, click **Create**.

2. In the **Create Route** window, set the route **Type** to 'Recast Proxy'.

3. Select your proxy computer name with service account from the drop-down.

4. Set the **Role** to 'Administrators'.

5. Click **Submit**.



Reorder Routes

By default, new routes appear at the bottom of the table on the **Routes** page.

- To make actions run using a Recast Proxy route that is lower in the list, you must move that route above the Console Extension route in the table, as the first route to be successfully matched will be used.
- If you only need your proxy to populate limiting rules, and you don't want to run any actions using that proxy, you can leave your proxy route at the bottom of the table.

Changes to the route order are saved automatically.

Add Service Connections

Add service connections in your Recast Management Server so that the Recast Proxy can query the third-party services.

Service Connection Types:

- ActiveDirectory: Required for Right Click Tools web dashboards
- AzureActiveDirectory (Entra ID): Required for Privileged Access and the Entra ID BitLocker Recovery Keys tool
- MEMCM (Microsoft Endpoint Manager Configuration Manager): Required for Patching and Right Click Tools web dashboards
- MBAM (Microsoft BitLocker Administration and Monitoring): Optional for BitLocker web dashboard

Task 4: Deploy Recast Agents for Right Click Tools

License Right Click Tools with RMS

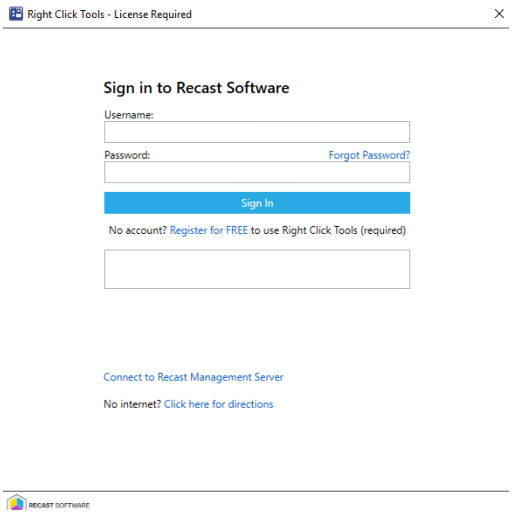
When you add Recast Management Server as part of a new Right Click Tools Enterprise deployment or an upgrade to Right Click Tools Enterprise from the Community Edition, you'll be asked to connect to RMS when signing into Recast Software. Once you've signed in and connected to Recast Management Server, you can download your Enterprise license.

Sign in to Recast

To sign in and connect to Recast Management Server:

1. On the Recast Software sign-in page that opens in your Configuration Manager console, enter your **Username** and **Password**.

2. Click **Connect to Recast Management Server**.

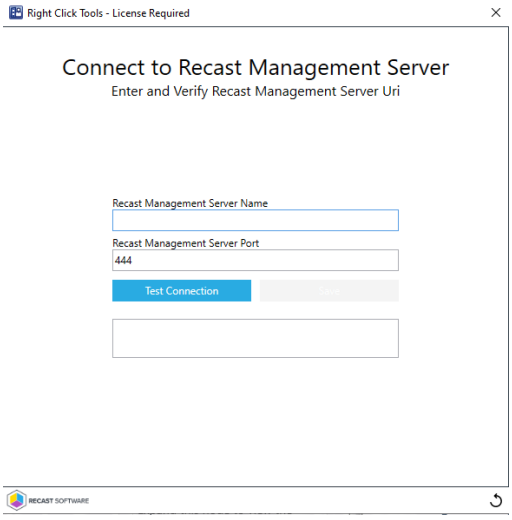


3. In the Connect to Recast Management Server window, enter your**Recast Management Server Name**.

4. Change the **Recast Management Server Port**, if needed.

5. Click **Test Connection**.

6. When your connection is successful, click **Save**.



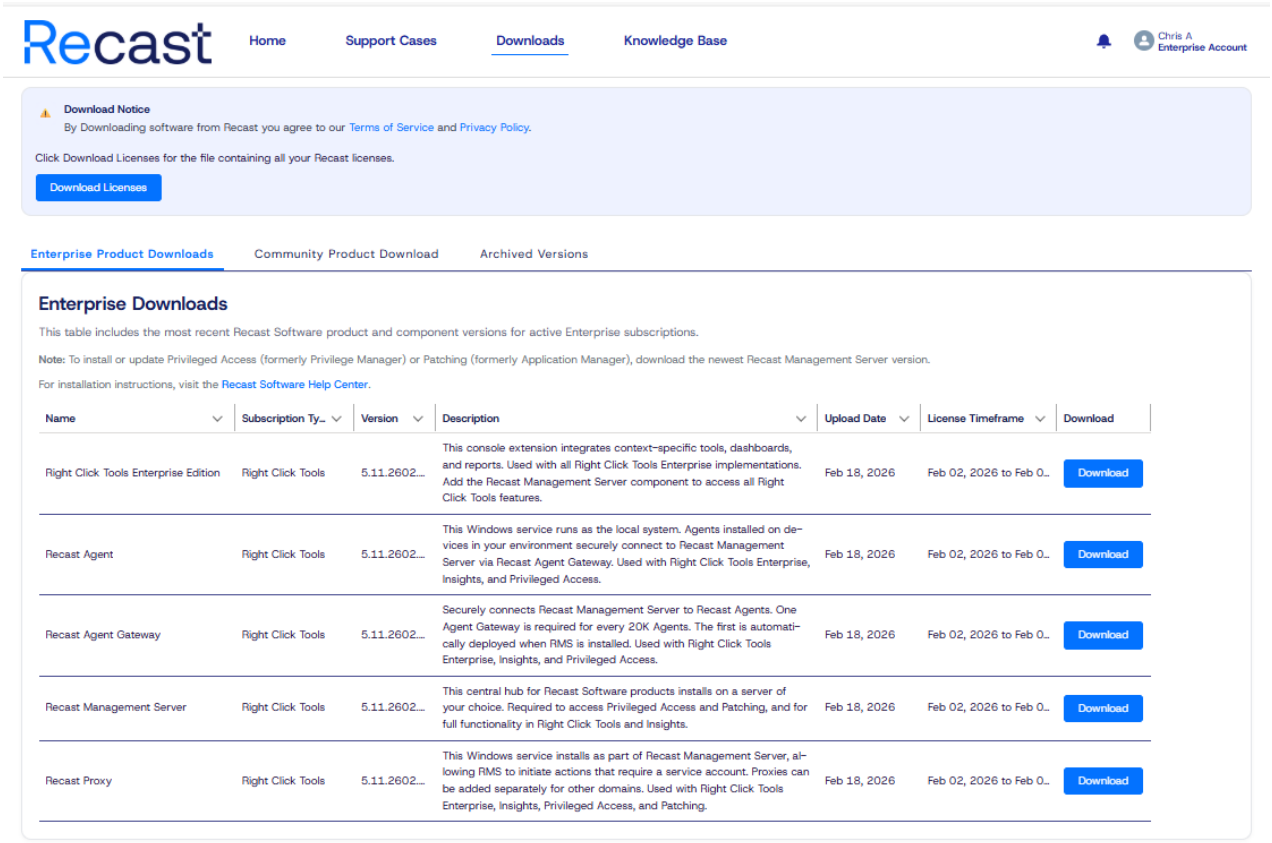
Download Your Enterprise License

You can download or copy licenses for your Recast Software products and components from the Recast Portal.

To locate your Recast licenses:

1. Log into the Recast Customer Portal using your account credentials.

2. On the **Downloads** page, click to download a .zip file that contains all of your Recast licenses.



If your product licenses are not available via the Recast Customer Portal, contactRecast Support or your CSM to have license files sent to you.

View Recast Software License Details

When Right Click Tools is connected to Recast Management Server, the Recast Agent will automatically update licensing information from RMS when a new software version is installed. You can check the expiration date, status, device count of all your Recast product licenses in the Recast Management Server interface.

To view licensing details in the Recast Management Server interface:

1. Access your Recast Management Server at `https://<ServerFQDN>:<Port>` in a web browser.

2. Navigate to **Administration** > **Licenses**.

Recast

Licenses

Upload

License Type	Expiration	Status	Device Count
Community	Sunday, September 14, 2025	Ok	1500
Enterprise	Tuesday, September 2, 2025	Ok	1500
Kiosk Manager	Tuesday, September 2, 2025	Ok	1500
Automation	Tuesday, September 2, 2025	Ok	1500
Shift Left	Thursday, August 7, 2025	Ok	1500
Endpoint Insights	Saturday, August 30, 2025	Ok	1500
Privilege Manager	Thursday, August 7, 2025	Ok	1500
Application Manager	Tuesday, January 21, 2025	Expiration Pending	1000
Application Manager Enterprise	Friday, March 14, 2025	Ok	1000
Browser Extension	Sunday, September 14, 2025	Ok	1000

1 - 10 of 10 items

MSI Command Line Switches

Available MSI command line switches for Right Click Tools installation:

Right Click Tools

- RCTENTERPRISESERVER: RMS server URL
- LICENSEPATH

Recast Management Server / Recast Agent

- AGENTGATEWAY: Your Agent Gateway Server URL
  - PROXYLOGONUSER
  - RCTENTERPRISESERVER: RMS server URL
  - LICENSEPATH: Path to your RMS license

Recast Agent Gateway

- SERVERNAME
  - IISPORT
  - RCTENTERPRISESERVER: RMS server URL
  - CERTIFICATETYPE: Certificate is self-signed by default, may require adjustment for silent installers
  - SELECTEDCERTIFICATE

Recast Proxy

- SERVICEACCOUNTDOMAIN
  - SERVICEACCOUNTUSERNAME
  - SERVICEACCOUNTPASSWORD
  - PROXYDOMAIN
  - CONFIGMGRSMSPROVIDER
  - CONFIGMGRSITECODE
  - CONFIGMGRSQLSERVER

- CONFIGMGRSQLDATABASE
- MBAMADMINURI
- MBAMSQLSERVER
- MBAMCOMPLIANCESTATUSDB
- MBAMRECOVERYHARDWAREDB
- RCTENTERPRISESERVER
- PROXYLOGONUSER
- LICENSEPATH