

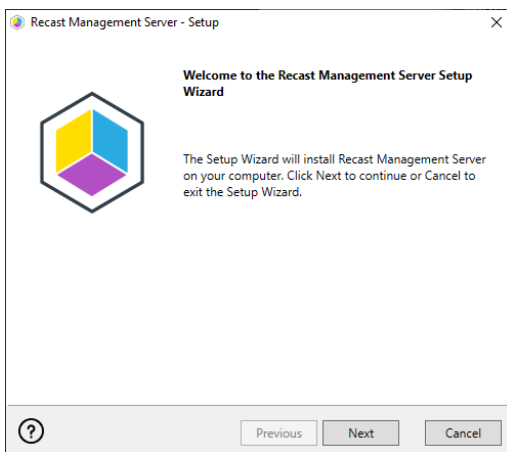
# Install Recast Management Server with Recast Proxy

Last Modified on 07.14.23

Recast Management Server software can be installed on its own server or on the primary Configuration Manager server.

## Run the Recast Management Server Installer

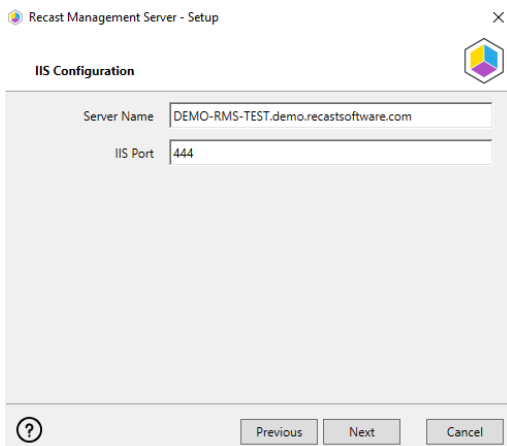
After downloading Recast Management Server from the [Recast Portal](#), run the installer and follow its prompts.



## IIS

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.

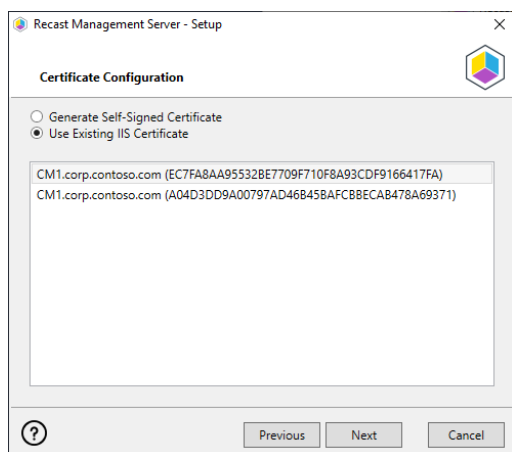


## Certificates

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.



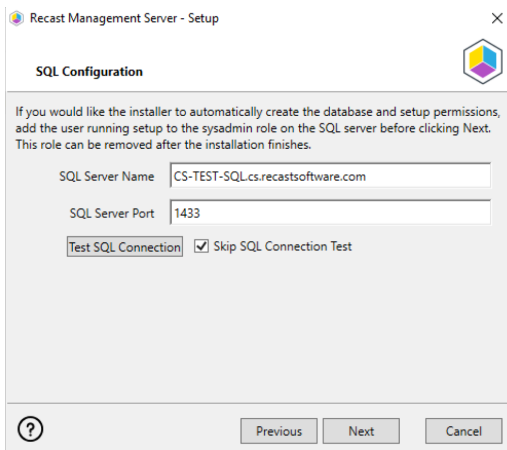
### CERTIFICATE NOTES:

- 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.
- A fully licensed version of SQL is strongly recommended to avoid the 10GB storage limitation of SQLExpress.
- After the SQL database is created, [simplify the database recovery model](#) to prevent storage issues.
- **Remote SQL Server:** The computer account of Recast Management Server will need db\_owner permissions 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.

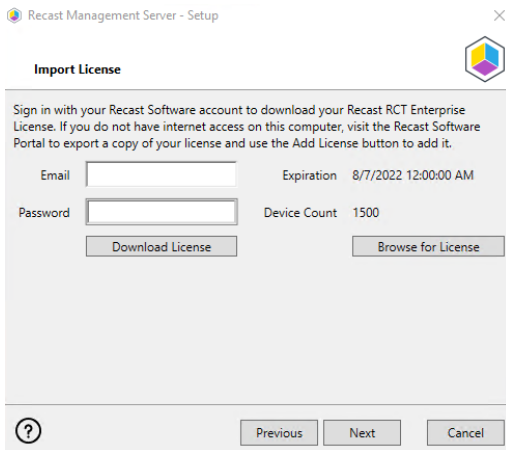
## Import License

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](#).



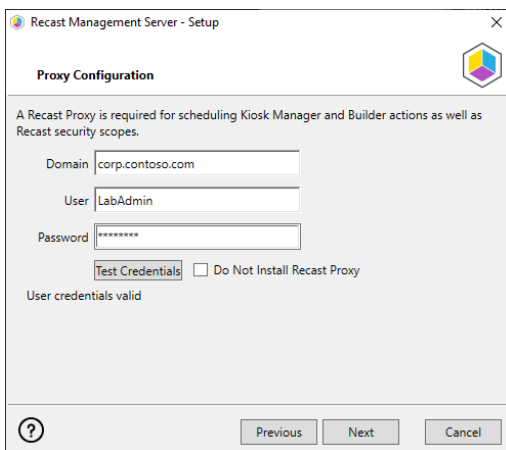
## Proxy

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 Privilege Manager where Active Directory or Microsoft Entra ID objects are not used to target rules.

To configure the proxy during RMS installation:

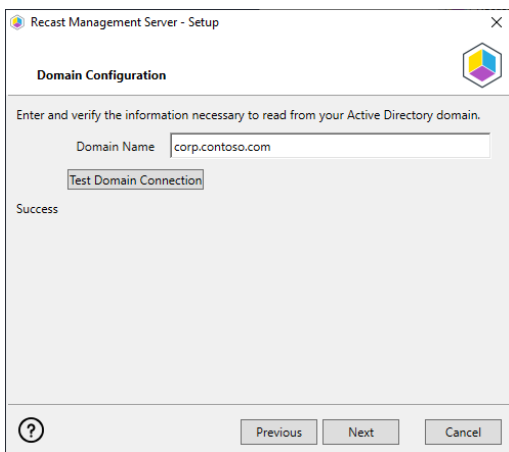
On the installer's **Proxy Configuration** page, enter the service account **Domain**, **Username**, and **Password** and click **Test Credentials** to verify service account details.



## 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.



## Configuration Manager

**NOTE:** Configuration Manager does not need to be set up for Privilege Manager.

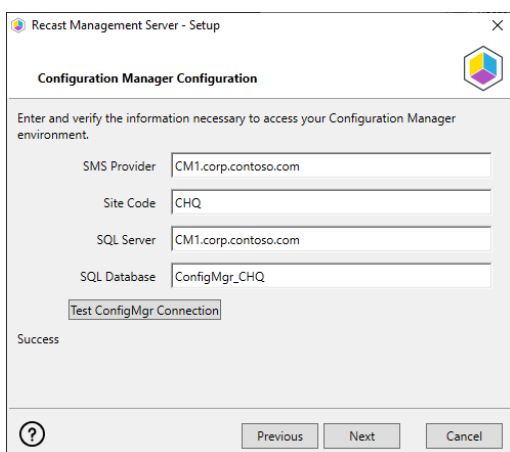
To set up your Configuration Manager for the proxy:

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.



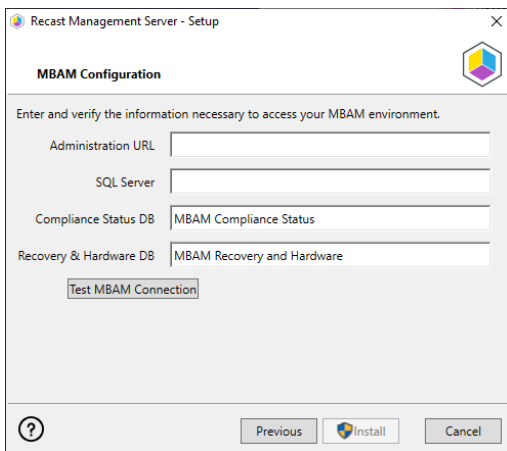
## MBAM

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.

**NOTE:** MBAM does not need to be configured for Privilege Manager or Application Manager.

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.



The screenshot shows a dialog box titled "Recast Management Server - Setup" with a close button (X) in the top right corner. Below the title bar is a section labeled "MBAM Configuration" with a small icon. The main area contains the instruction "Enter and verify the information necessary to access your MBAM environment." followed by four text input fields: "Administration URL", "SQL Server", "Compliance Status DB" (with the value "MBAM Compliance Status"), and "Recovery & Hardware DB" (with the value "MBAM Recovery and Hardware"). Below these fields is a button labeled "Test MBAM Connection". At the bottom of the dialog, there is a help icon (question mark), a "Previous" button, an "Install" button with a small icon, and a "Cancel" button.

## 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://ServerFQDN: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 verify 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`