Recast

Proof Of Concept

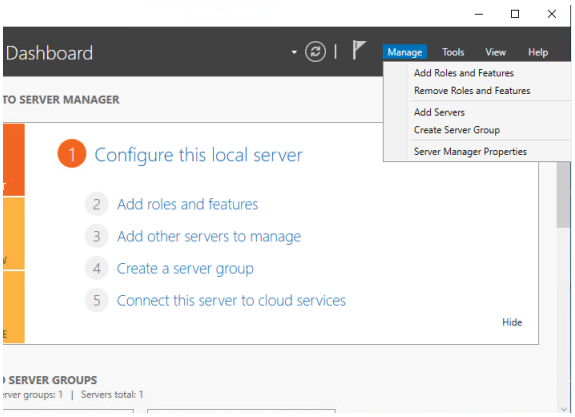
Last Modified on 2026-10-06

Enable .NET Framework

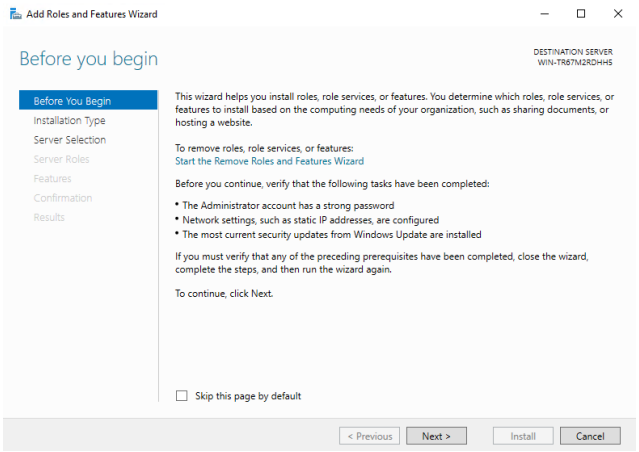
You can manually enable the .NET framework via Server Manager.

To enable the required .NET framework:

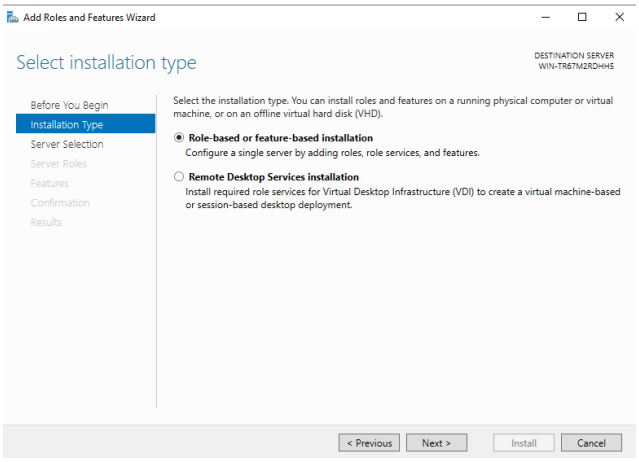
1. Open **Server Manager** and navigate to **Manage** > **Add Roles and Features**.



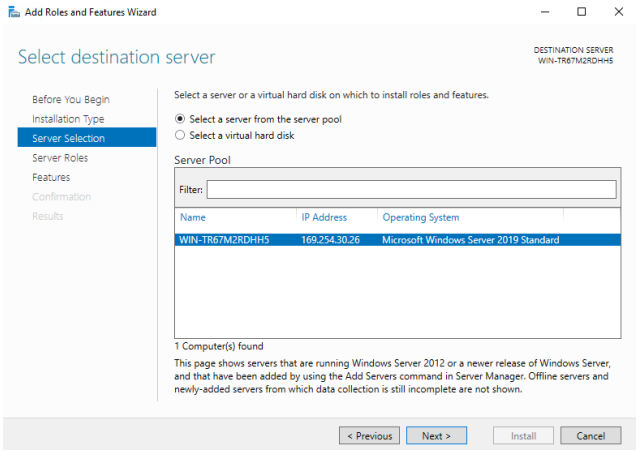
2. When the Add Roles and Features Wizard opens, click **Next**.



3. Select **Role-based or feature-based installation** and click **Next**.



4. Select your destination server and click **Next**.



5. On the **Select server roles** page, click **Next.**

6. On the **Select features** page, select **.NET Framework** > **.NET Framework x.x** and click **Next**.

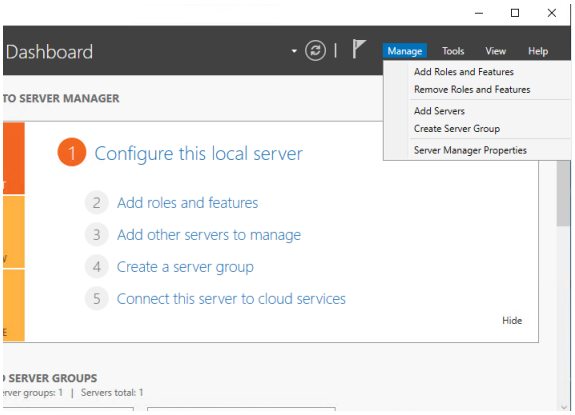
7. Confirm your installation selections and click **Install**.

Enable IIS

The Recast Management Server requires IIS, which should be installed automatically during Recast Management Server installation. Otherwise, you can enable IIS manually in Server Manager.

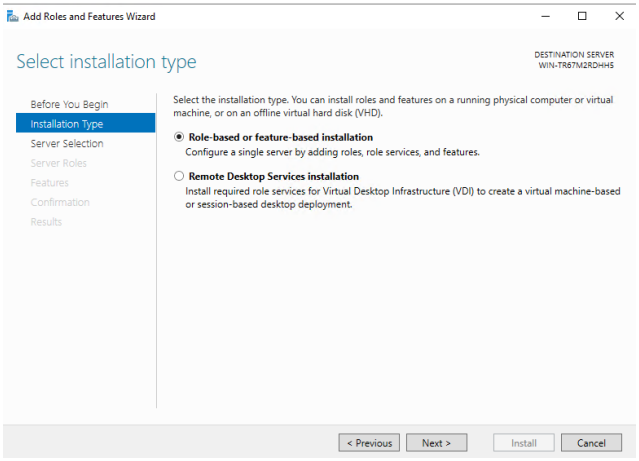
To manually enable IIS, if necessary:

1. Open **Server Manager** and navigate to **Manage** > **Add Roles and Features**.

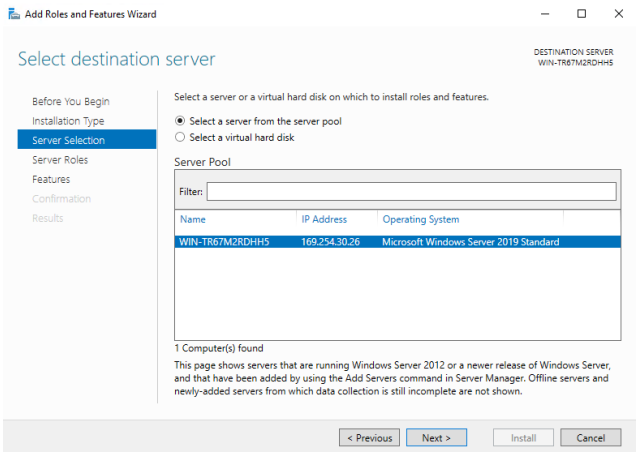


2. When the Add Roles and Features Wizard opens, click **Next**.

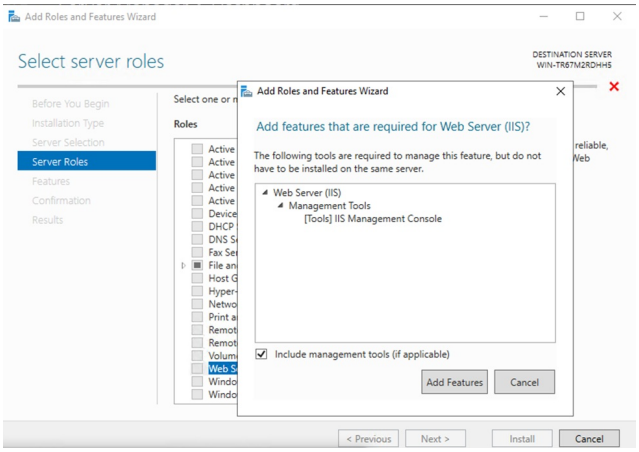
3. Select **Role-based or feature-based installation** and click **Next**.



4. Select your destination server and click **Next**.



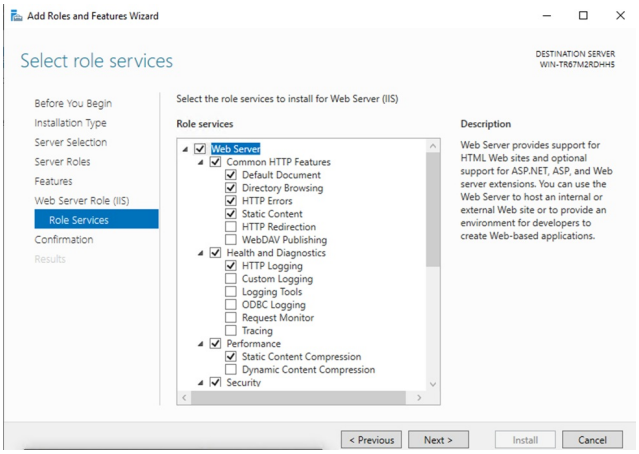
5. In **Server Roles**, click **Web Server (IIS)**. Click **Add Features**.



6. Confirm that Web Server (IIS) is selected and click **Next**.

7. On the Web Server Role (IIS) page, click **Next**.

8. When the Role Services page opens, click **Next**. (The default settings are fine for our install.)



9. Confirm your installation selections and click **Install**.

Install and Configure SQL

Installing SQL is an optional step that can be skipped if you have a separate SQL instance that you will be using for your Recast Management Server database.

> **SQLExpress is used in these instructions for demonstration purposes.** It can serve as a temporary database at the Proof-Of-Concept stage, but its limited size will not support web dashboard and dashboard trends in a Recast Management Server deployment. The steps for installing and configuring a licensed version of SQL will be similar.

To install SQLExpress:

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1. Download SQLExpress from Microsoft. When you begin installation, you will be presented with the installation type screen. Select **Basic** installation.

2. Accept the SQL Server License Terms.

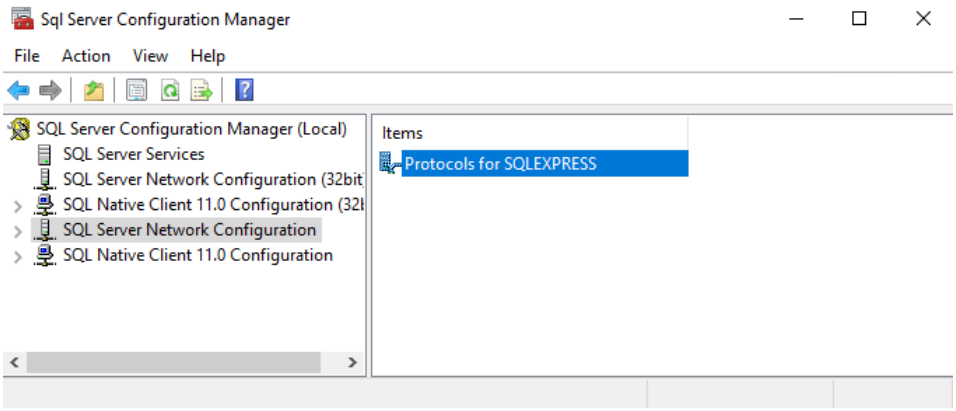
3. Choose the install location and click **Install**.

4. After installation completes, we recommend that you install SQL Server Management Studio (SSMS). To download SSMS from the Microsoft site, see Download SQL Server Management Studio (SSMS).

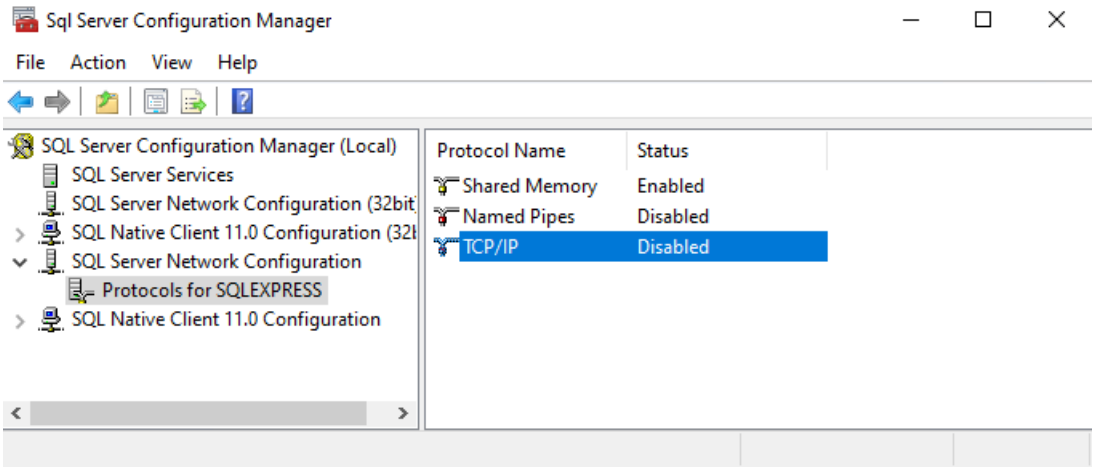
To change the network configuration:

1. Open SQL Server Configuration Manager.

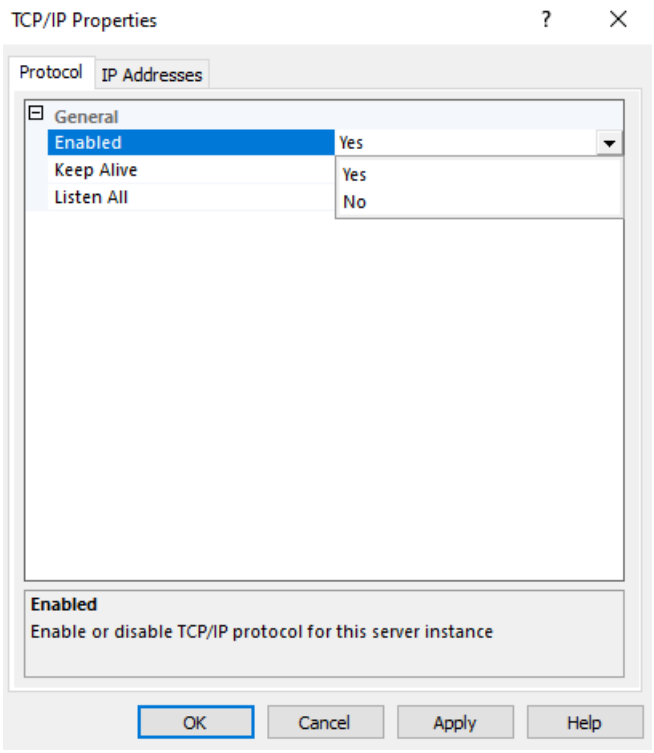
2. Select **SQL Server Network Configuration** and double-click on **Protocols for SQL Express**.



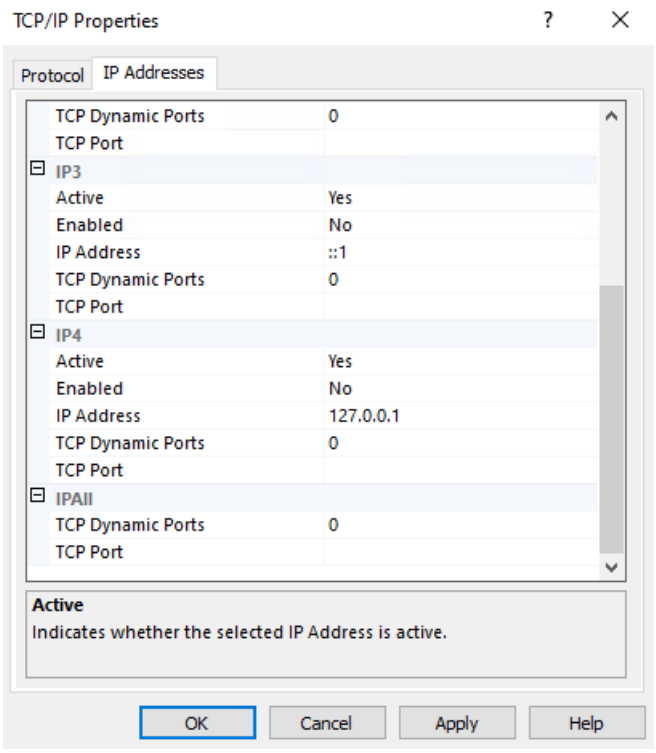
3. Select **TCP/IP**.



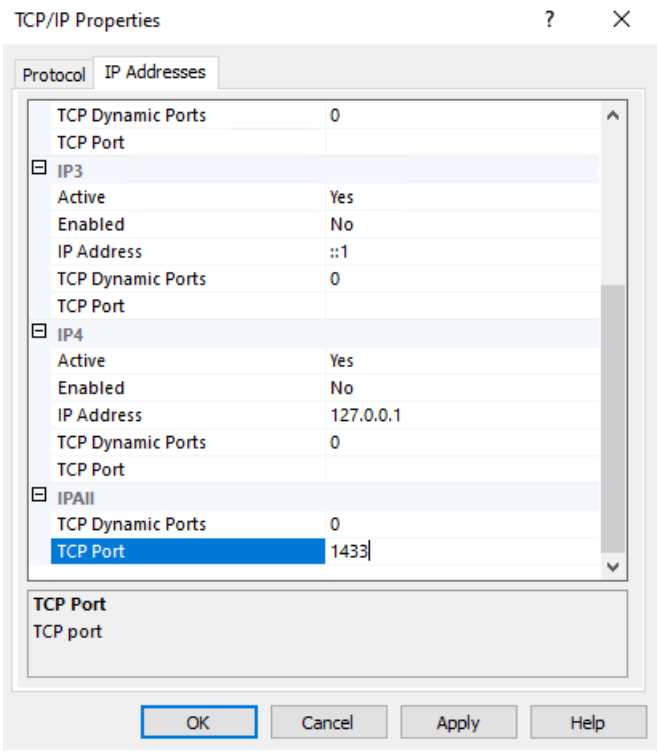
4. Change **Enabled** to 'Yes'.



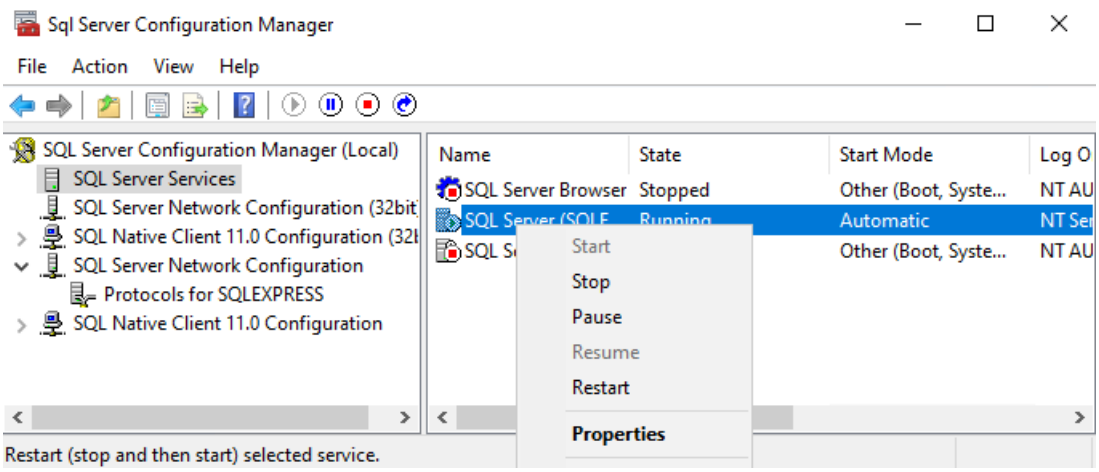
5. Select the **IP Addresses** tab and scroll down to the **IPAll** section.



6. Add port 1433 as the TCP Port (this is the standard port for SQL).



7. You will need to stop and restart the service for changes to take effect. Return to the front page of the SQL Server Configuration Manager and right-click on the running SQL server instance. Select **Restart**.



You are now ready to install the Recast Management Server.

Install Recast Management Server

To install Recast Management Server:

After downloading Recast Management Server from the Recast Portal, open the installer by double-clicking on the .msi file.

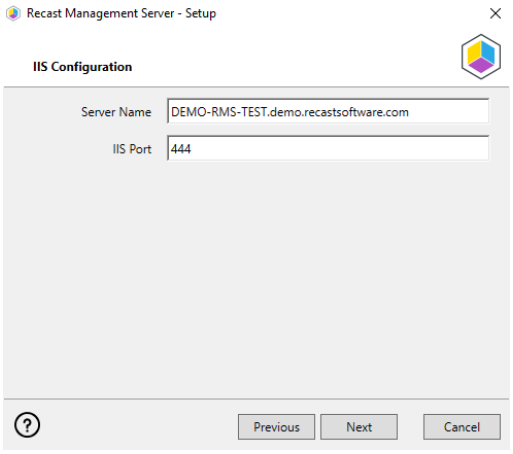
When the Recast Management Server Setup Wizard opens, click **Next**.

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.

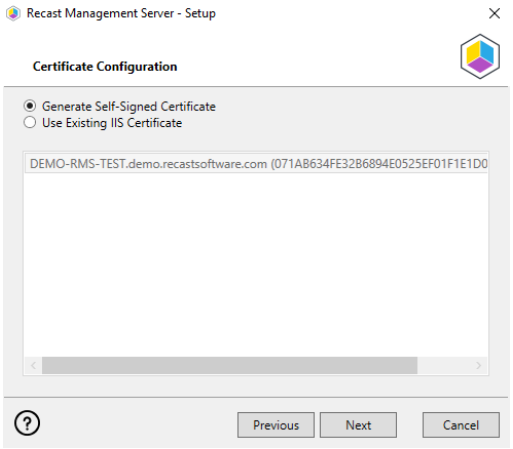


Certificates

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

To configure a certificate:

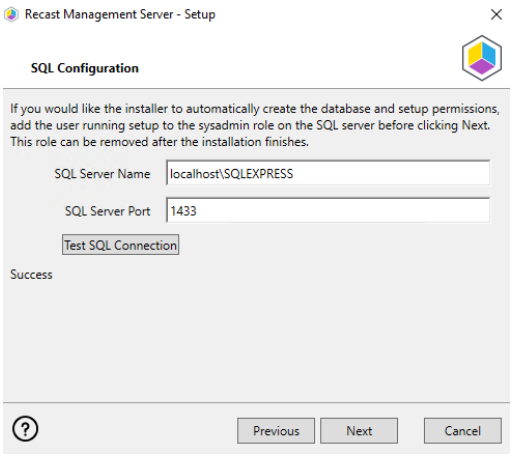
On the **Certificate Configuration** page, we recommend that you **Use an Existing IIS Certificate** issued by a trusted Certificate Authority (CA). If you choose to **Generate a Self-Signed Certificate**, you must import the Recast Management Server self-signed certificate to the Trusted Root Certificate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



SQL Server

Set the SQL information from the SQL instance we installed earlier. If you used the default information from the install instructions above, your **SQL Configuration** page will look like the one below. Click **Test SQL Connection** to verify that you

can connect to the SQL installation.



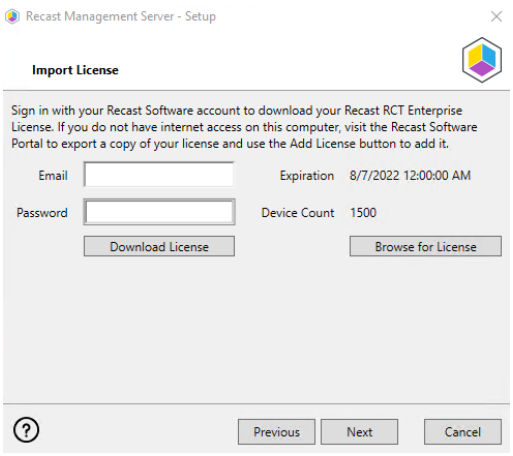
Import License

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

On the **Proxy Configuration** page, enter the Service Account information you would like to use for the Recast Proxy. The proxy must be installed for scheduling of Builder/Kiosk Manager actions, to have Right Click Tools actions run as a Service Account, or to access Web Dashboards in the Recast Management Server. It is recommended that you install Recast Proxy during your POC.

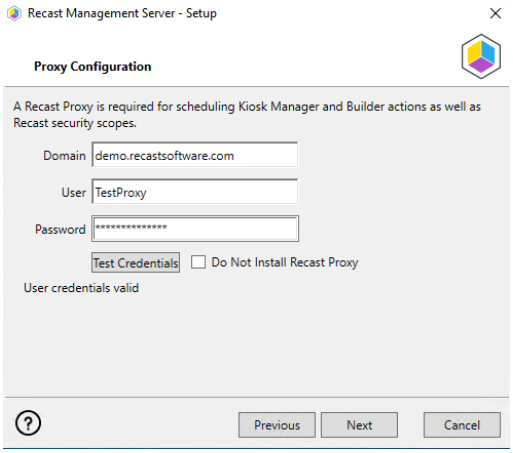
> The Service Account that you use for the Recast Proxy must have at least full read permissions to Active Directory and Configuration Manager, as well as the ability to read directly from the ConfigMgr SQL database, and the MBAM Database if it exists. See Proxy Service Account Permissions.

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To configure the proxy during RMS installation:

1. On the installer's **Proxy Configuration** page, enter the service account **Domain**, **User**name, and **Password**.

2. Click **Test Credentials** to verify service account details.

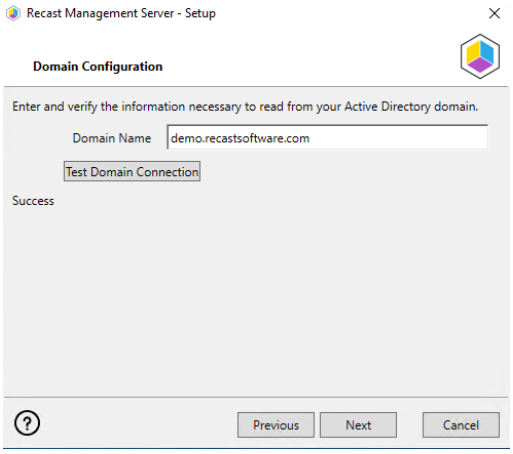


Domain

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. The test should show **Success**.



Configuration Manager

Check that your Proxy Service Account has permissions to read from your Configuration Manager installation. Your Service Account must have permission as at least a **Read Only Analyst** in Configuration Manager, and must be allowed to read from the ConfigMgr Database directly.

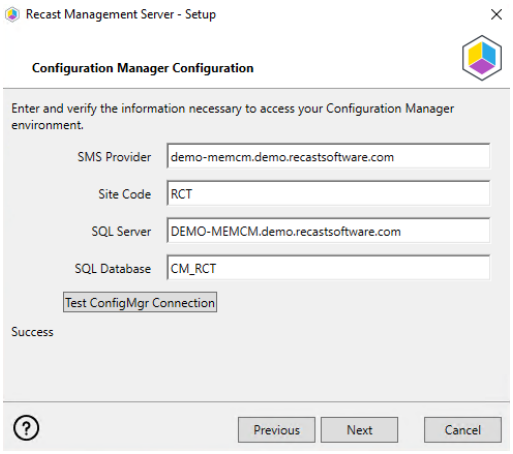
To set up Configuration Manager for the proxy:

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.



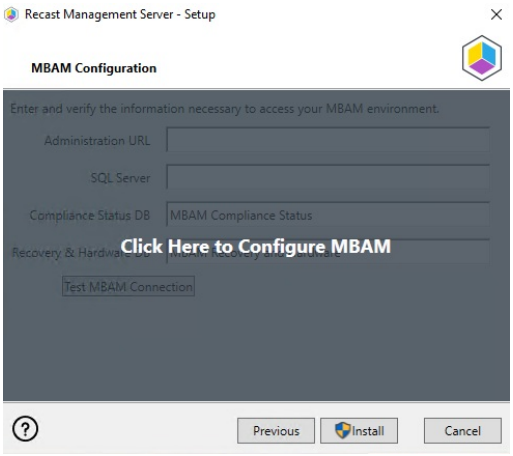
For more information, see Manually Configure SQL Server Permissions.

MBAM

Check that your Proxy Service Account has permission to read from the MBAM database. 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.

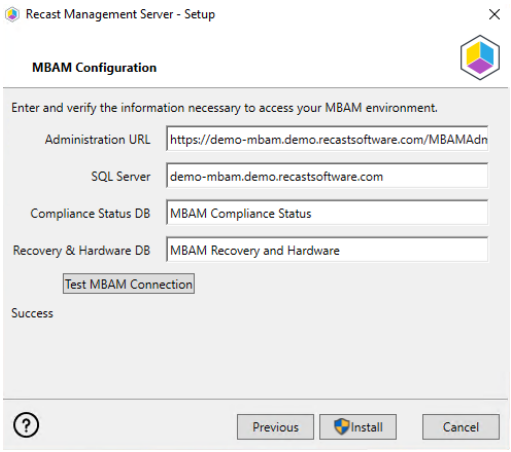
To configure MBAM:

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.



For more information, see Configure Permissions for the MBAM SQL Database.

Initiate RMS Installation

Once you have filled in all the necessary information, click **Install**.

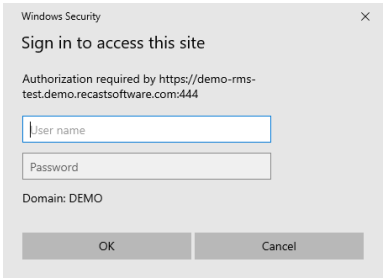
When Recast Management Server installation completes, click on the highlighted link to go to the Recast Management Server URL, or click **Finish** and navigate to your RMS URL at `https://<Server URL>:<Port>` in a web browser (Chrome, Edge, or Firefox are recommended).

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

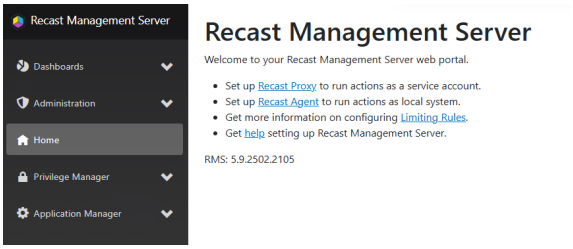
You are now ready to Configure your Recast Management Server.

Configure Recast Management Server

After installation, you'll need to configure your Recast Management Server. First, log into your Recast Management Server interface using the same account that you used to install the Recast Management Server. Your Recast Management Server can be accessed by navigating to `https://<ServerFQDN>:<Port>` in a web browser.



When you initially log in, the Recast Management Server homepage will appear.

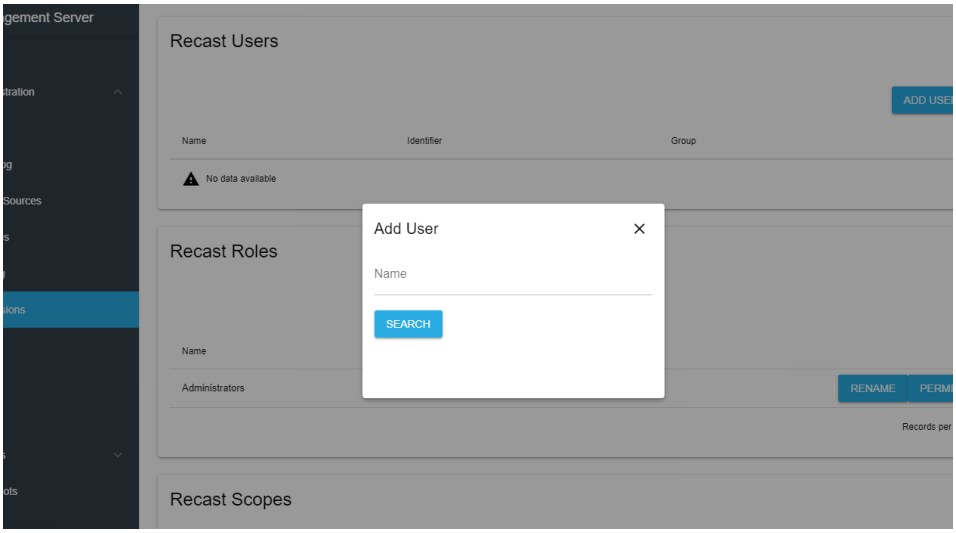


To add yourself as a user:

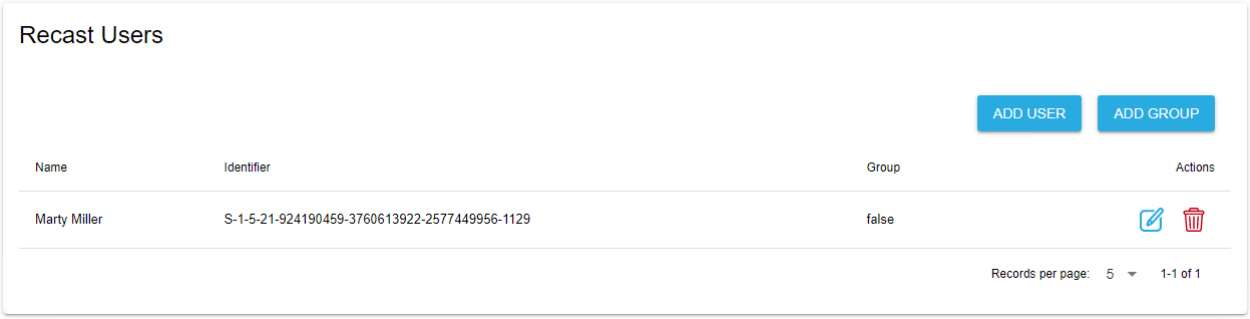
1. Expand the **Administration** section in the navigation panel and select **Permissions**.

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

3. In the **Add User** window that opens, enter your user account as the **Name** and click **Search**.



4. Click **Add** to add the user to the Recast Management Server. The user will then appear in the **Recast Users** section.



All users must be assigned a role or they will not have permissions within Right Click Tools or the Recast Management Server.

To assign yourself a role:

1. Click on the Edit icon (pencil) to the right of your name.

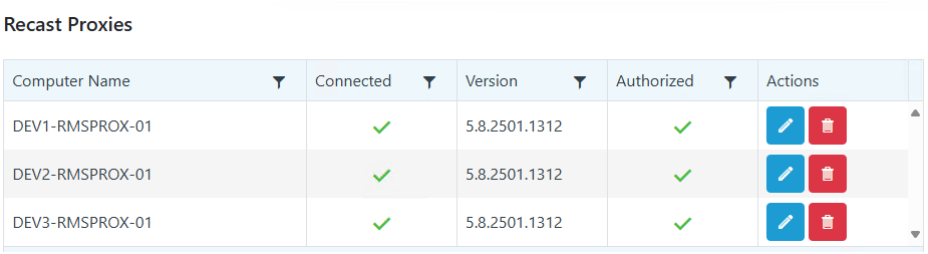
2. Under **Role Assignments**, select the **Administrators** role and click **Save**.

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To check that your proxy is connected to the Recast Management Server:

1. Select **Proxies** in the navigation panel.

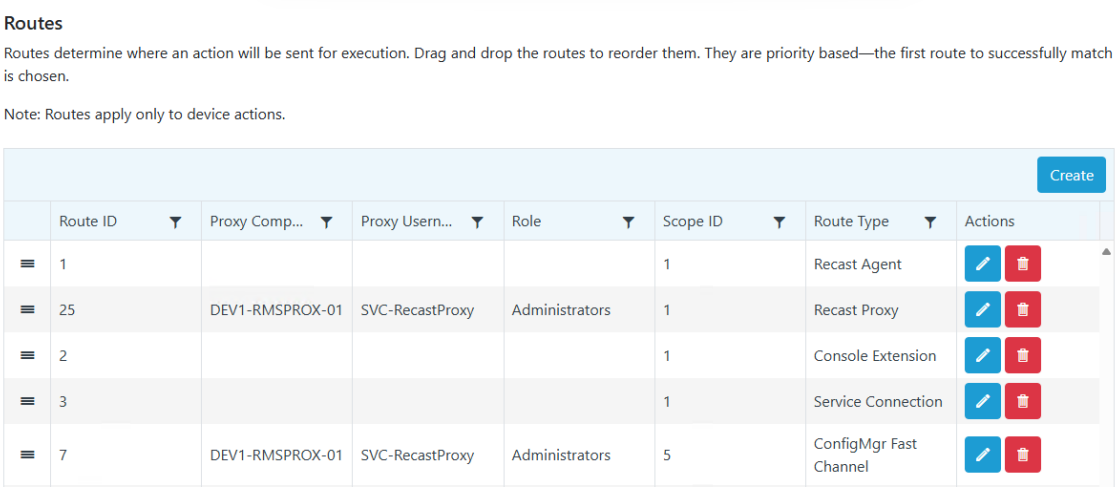
2. Check that the proxy that you installed is showing as 'Connected' and 'Authorized'.



In order to configure the Recast Management Server so that the Recast Proxy can function, you'll need to add a route for the Proxy.

To add a Recast Proxy route:

1. Select **Routes** in the navigation panel. By default, you should see the Recast Agent and Right Click Tools (Console Extension) routes listed in the table.



2. Click **Create**.

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

4. Select the proxy that was installed on your RMS server.

5. Under **Role**, select **Administrators**.

6. Click **Create**.

Your new route will appear at the bottom of the Routes table. Click to **Save** this configuration.

Optional Step: If you would like to run actions as the Proxy Service Account, you can drag the Recast Proxy route from the bottom of the list to the top. This will ensure that the action is run as that service account.

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You are now ready to install Right Click Tools.