

# Recast Agent

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A Recast Agent is a Windows service that runs as the local system. Agents are designed to be installed on every device within an organization.

## Agent Uses

- Run actions on workgroup computers or on computers in untrusted domains
- Run actions on computers where the user does not have administrator permissions
- Run actions on computers that have more restrictive firewall rules in place
- Collect Endpoint Insights inventory data from devices
- Give users a way to self-elevate credentials with Privilege Manager

**NOTE:** An [Agent Gateway](#) is required for every 20K Recast Agents deployed.

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## Recast Agent Prerequisites

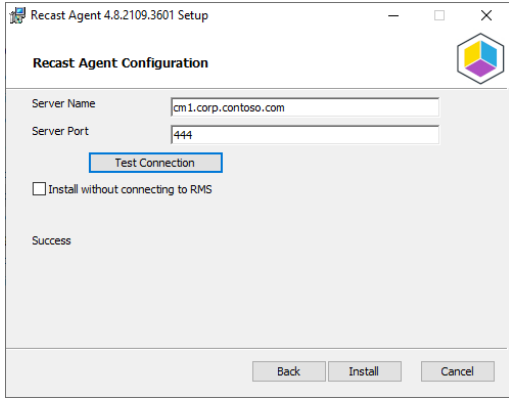
If your Recast Management Server is using a self-signed certificate, you must import the certificate into the Trusted Root Certificate Authorities Store on all devices that will have Agents. For instructions on importing a certificate to a local machine, see [Certificate used by Recast Management Server is not trusted](#).

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## Deploy Recast Agents

To deploy a Recast Agent connected to your Recast Management Server:

1. Download the Recast Agent installer from the [Recast Portal](#).
2. Run the installer.
3. Under **Recast Agent Configuration**, enter the **Server Name** and **Server Port** number for the Recast Management Server.
4. Click **Test Connection** to confirm that the Agent can connect to the Recast Management Server.
5. Click **Install**.



6. After Agent installation completes, click **Finish** to exit the installer.

# Silent Agent 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 /i "Recast Agent.msi" /qn /norestart RCTENTERPRISESERVER="https://RMS.RecastDomain.com:444" /L*V  
"%temp%\RecastAgentMSI.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.

## Connect Recast Agents to an Agent Gateway

Connect your Recast Agents to a specific Agent Gateway by adding the **AGENTGATEWAY** parameter to your install string.



Example:

```
msiexec.exe /i "Recast Agent.msi" /qn /norestart RCTENTERPRISESERVER="https://RMS.RecastDomain.com:444"
AGENTGATEWAY="https://agentgateway.dev.recastsoftware.com:444" /L*V "%temp%\RecastAgentMSI.log"
```

## View Recast Agents

The Recast Management Server **Agents** page shows all agents installed in your environment, as well as their software **Version** and whether they are **Connected** and/or **Authorized**.

## Recast Agents

Computer Name	Connected	Version	Authorized	Actions
CLIENT1	✓	5.0.2302.1703	✓	 

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**NOTE:** If an authorized agent doesn't appear to be **Connected**, Recast Management Server may not currently be able to connect to it, or a certificate on the client may not be functioning properly.

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## Edit a Recast Agent

To edit an agent:

1. On the **Recast Agents** page, click the Edit icon to the right of the agent.
2. Edit agent details, such as the computer name or whether the agent is authorized.
3. Click **Update**.

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## Authorize a Recast Agent

Installed agents must be authorized before they can be used to [run actions](#). The Recast Management Server will automatically approve any agents that connect from the same domain as the Recast Management Server. Agents connecting from a different domain (or from a workgroup computer) must be approved manually, unless you've edited the default setting to approve all agents automatically.

## Approve an Agent Manually

To approve an agent manually in RMS:

1. On the **Recast Agents** page, click the Edit icon to the right of the agent you want to authorize.
2. In the **Edit Recast Agent** window, enable the **Authorized** checkbox and click **Save**.

## Approve All Agents Automatically

You can choose to have your Recast Management Server automatically authorize all agents regardless of the domain where they're installed.

To approve all agents automatically:

1. In your Recast Management Server, navigate to **Administration > Settings**.
2. Under **Recast Management Server**, click the **Edit** icon to the right of **Recast Agent Approval**.

3. In the **Change Setting** window, choose **Automatically Approve All Agents** from the **Value** drop-down.

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## Delete a Recast Agent

Deleting an agent on the **Recast Agents** page, removes it from the database and revokes the client certificate, but agent uninstallation must be done manually.

To delete an agent in RMS:

1. On the **Recast Agents** page, click the Delete icon to the right of the agent you want to remove.
  2. In the **Delete Recast Agent** window, click **Delete**.
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