

Prerequisites:

To get the IIS Renewal Agent working smoothly with your deployed instance of CertSecure Manager, you'll need a few key things.

1. **Administrative privileges**

You must be logged in as a local administrator on the target machine where you want to install the agent, and IIS is running.

2. **Connectivity:**

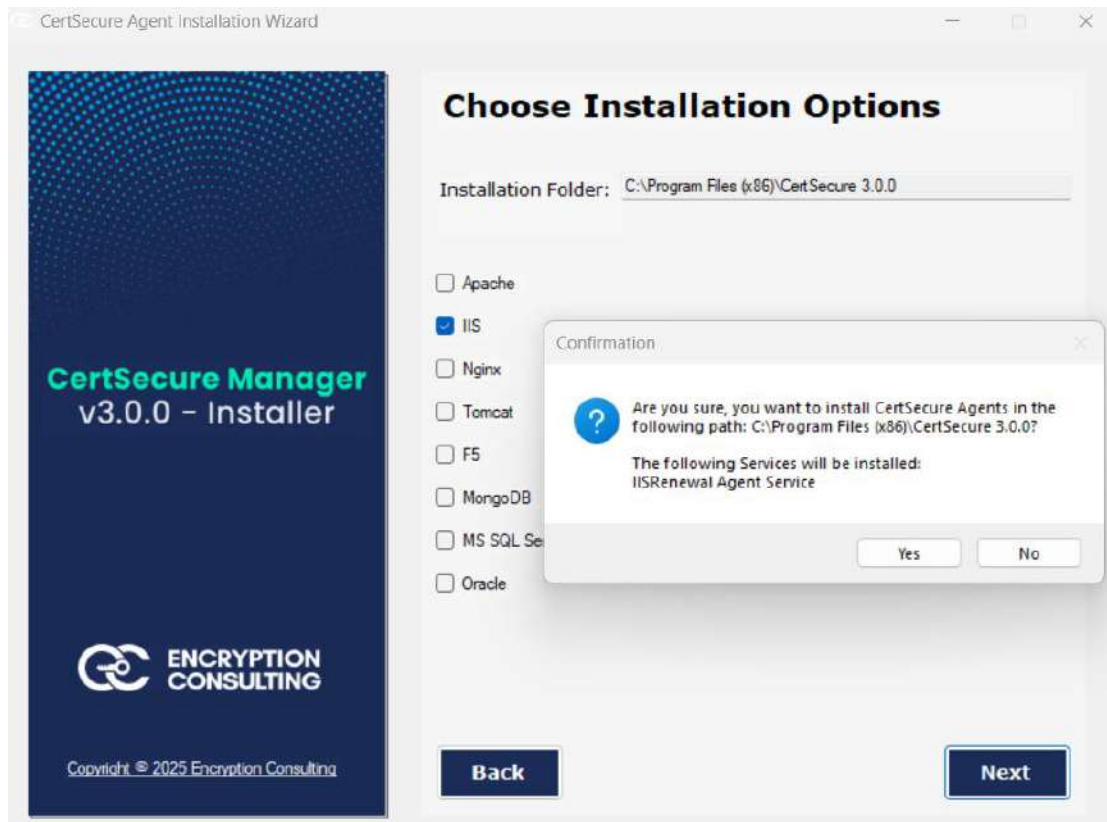
CertSecure Manager must be accessible from the machine running on the web server. To validate, try visiting <https://your-certsecure-backend-url/check> using a browser.

Installation

After confirming the prerequisites, you can set up the renewal agent using the installer.

1. **Configuration and Installation**

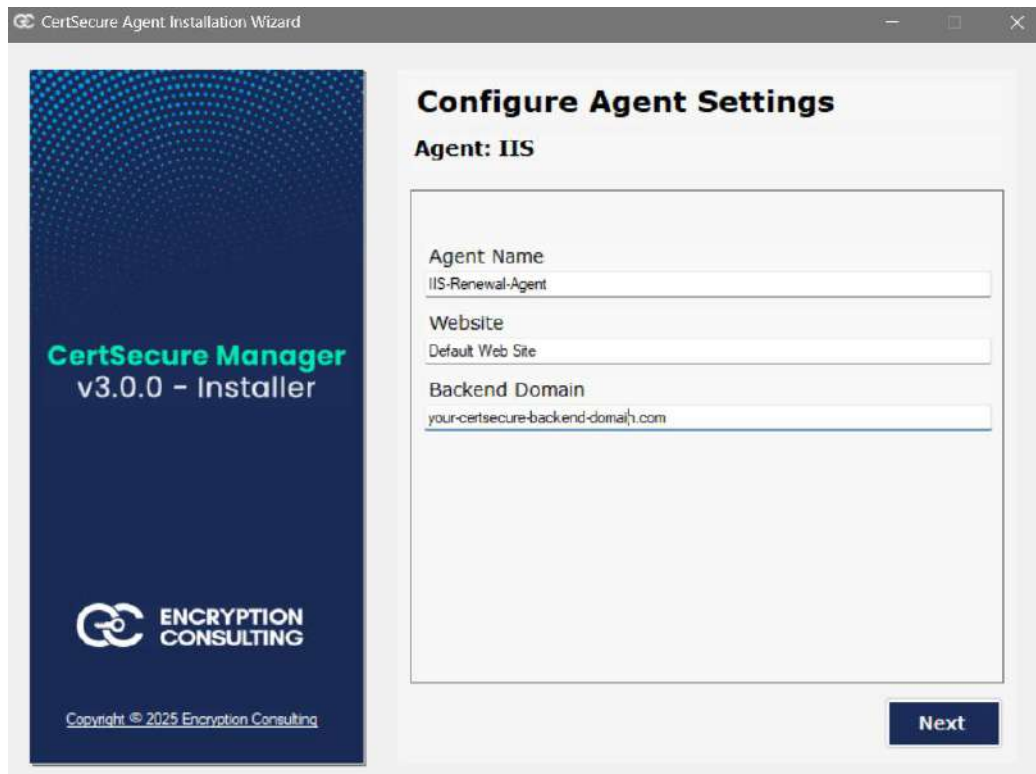
Run the Renewal agent installer as an administrator and choose the IIS renewal agent for installation.



Steps:

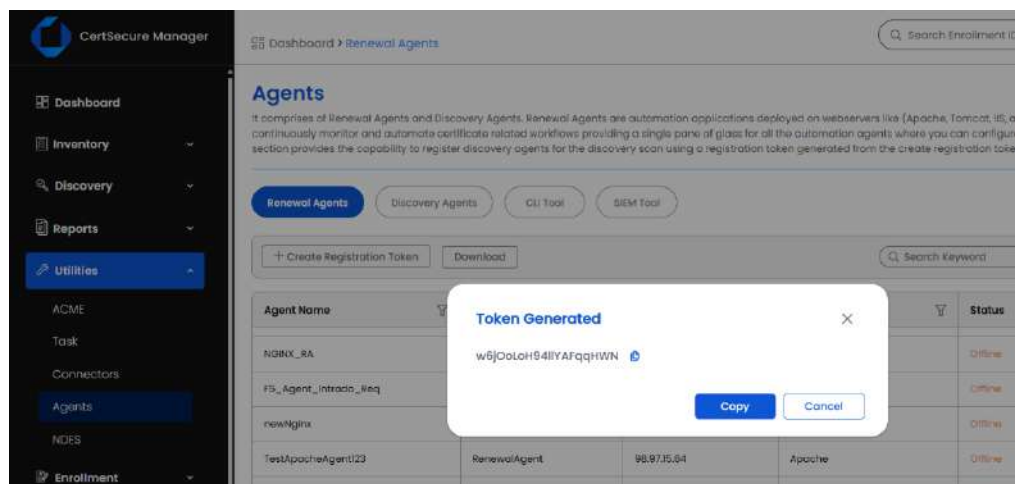
Step 1: Mention the required details

- Provide a unique name for the agent.
- Provide the Site Name to which the pushed certificates will be bound.
- Provide the URL for your CertSecure Manager backend.

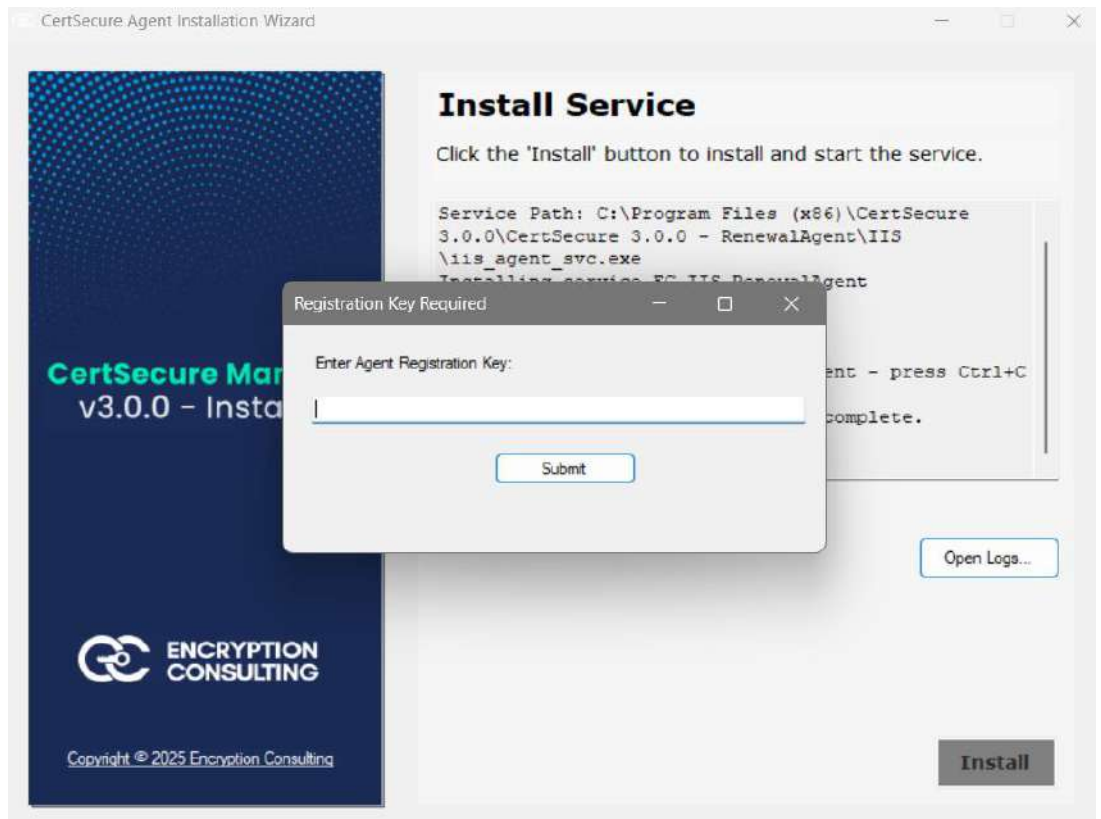


Step 2: Register and run the agent

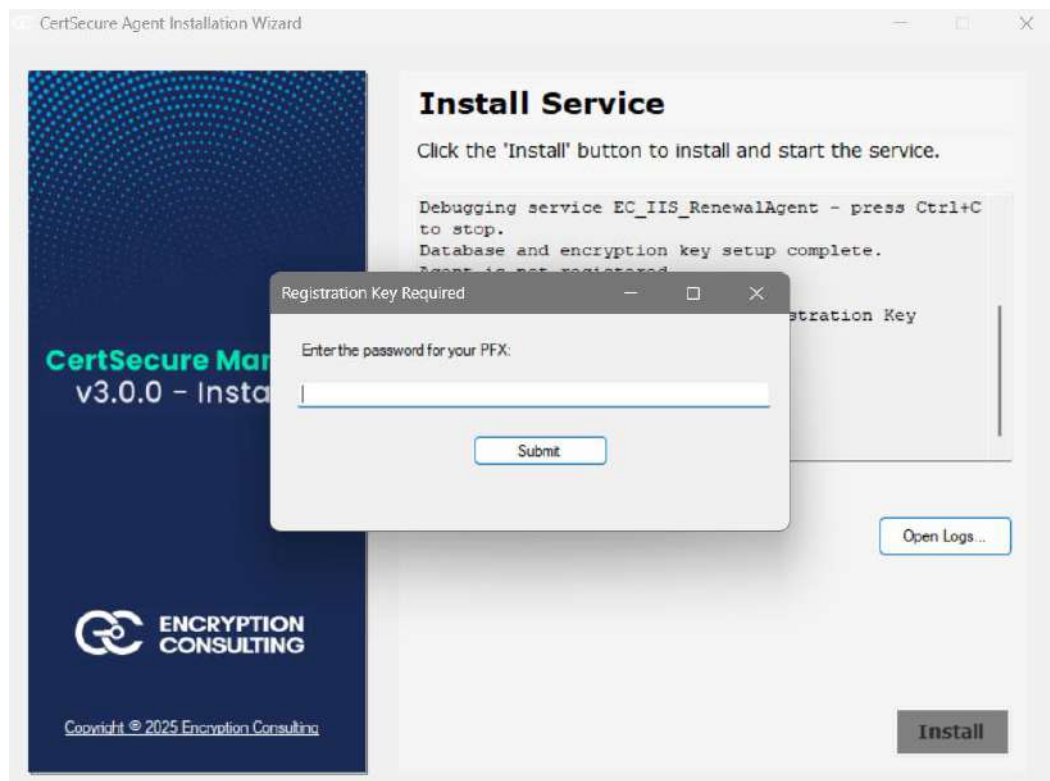
- On the CertSecure Manager UI, go to Utilities → Agents and then click on Create Registration token.



- Provide the registration token when the installer prompts to do so.



- Provide the PFX password.



- Wait for the installer to finalise the installation and then close the installer.

Validation

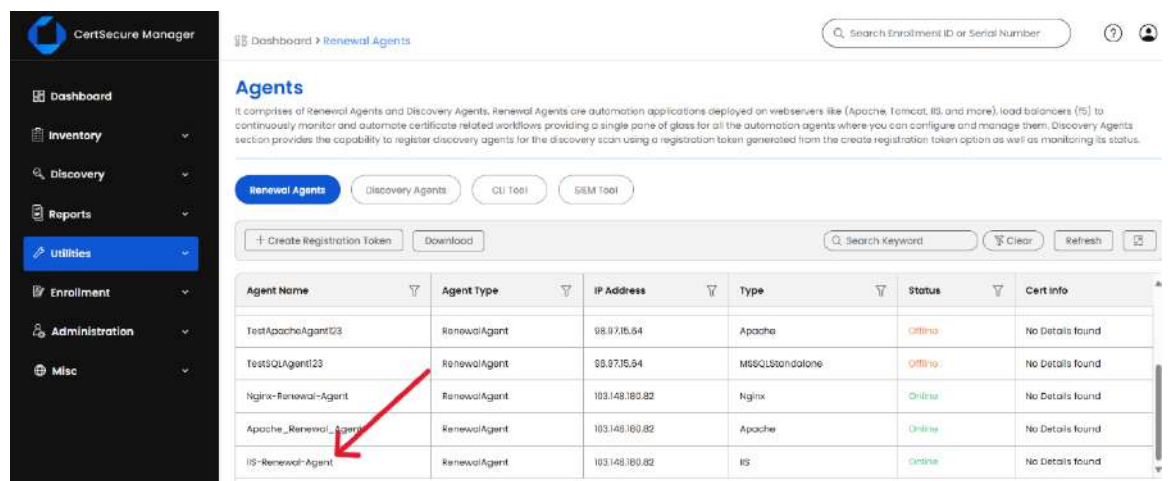
After the installation has finished, you can validate the installation by following these steps:

1. Validation

Steps:

Step 1: Validate

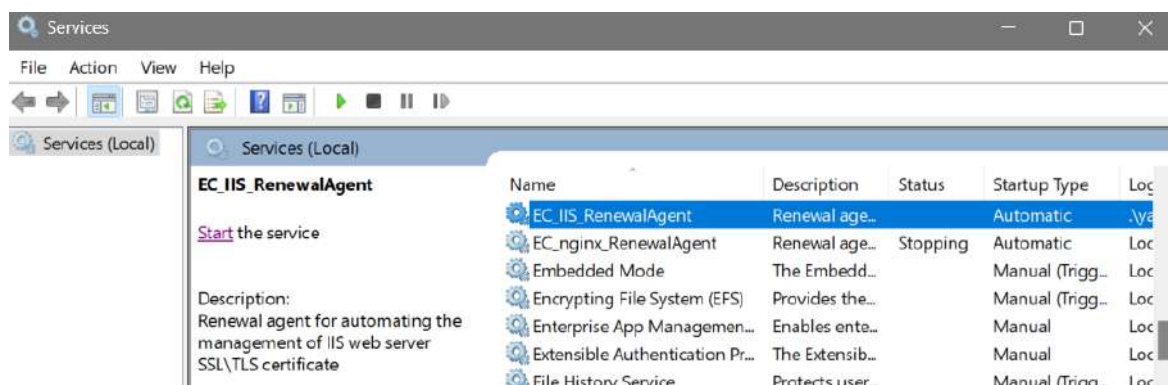
- On the CertSecure Manager UI, go to Utilities → Agents. You can see a renewal agent with the name provided during installation.



The screenshot shows the CertSecure Manager web interface. The left sidebar is dark with 'Utilities' highlighted. The main content area is titled 'Agents' and shows a table of registered agents. A red arrow points to the 'IIS-Renewal-Agent' row.

Agent Name	Agent Type	IP Address	Type	Status	Cert Info
TestApacheAgent03	RenewalAgent	99.97.16.94	Apache	Offline	No Details found
TestSQLAgent23	RenewalAgent	99.97.16.94	MicrosoftSQLdalone	Offline	No Details found
Nginx-Renewal-Agent	RenewalAgent	103.149.180.82	Nginx	Online	No Details found
Apache_Renewal-Agent	RenewalAgent	103.149.180.82	Apache	Online	No Details found
IIS-Renewal-Agent	RenewalAgent	103.149.180.82	IIS	Online	No Details found

- On the target machine, run services.msc and look for EC_IIS_Renewal_Agent, you can monitor and manage the renewal agent from here.



The screenshot shows the Windows Services console. The 'EC_IIS_RenewalAgent' service is selected and highlighted in blue. The service is running with a status of 'Running' and a startup type of 'Automatic'.

Name	Description	Status	Startup Type	Log On As
EC_IIS_RenewalAgent	Renewal age...	Running	Automatic	.\va...
EC_nginx_RenewalAgent	Renewal age...	Stopping	Automatic	Loc...
Embedded Mode	The Embedd...	Stopped	Manual (Trigg...	Loc...
Encrypting File System (EFS)	Provides the...	Stopped	Manual (Trigg...	Loc...
Enterprise App Managemen...	Enables ente...	Stopped	Manual	Loc...
Extensible Authentication Pr...	The Extensib...	Stopped	Manual	Loc...
File History Service	Protects user...	Stopped	Manual (Trigg...	Loc...

- You can also monitor the agent logs by accessing the log file at **C:/CertSecure/logs**