

Prerequisites

To get the MongoDB 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.

2. MongoDB Account with Required Permissions

To set up the renewal agent you also need a MongoDB user account with appropriate permissions.

3. Connectivity

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

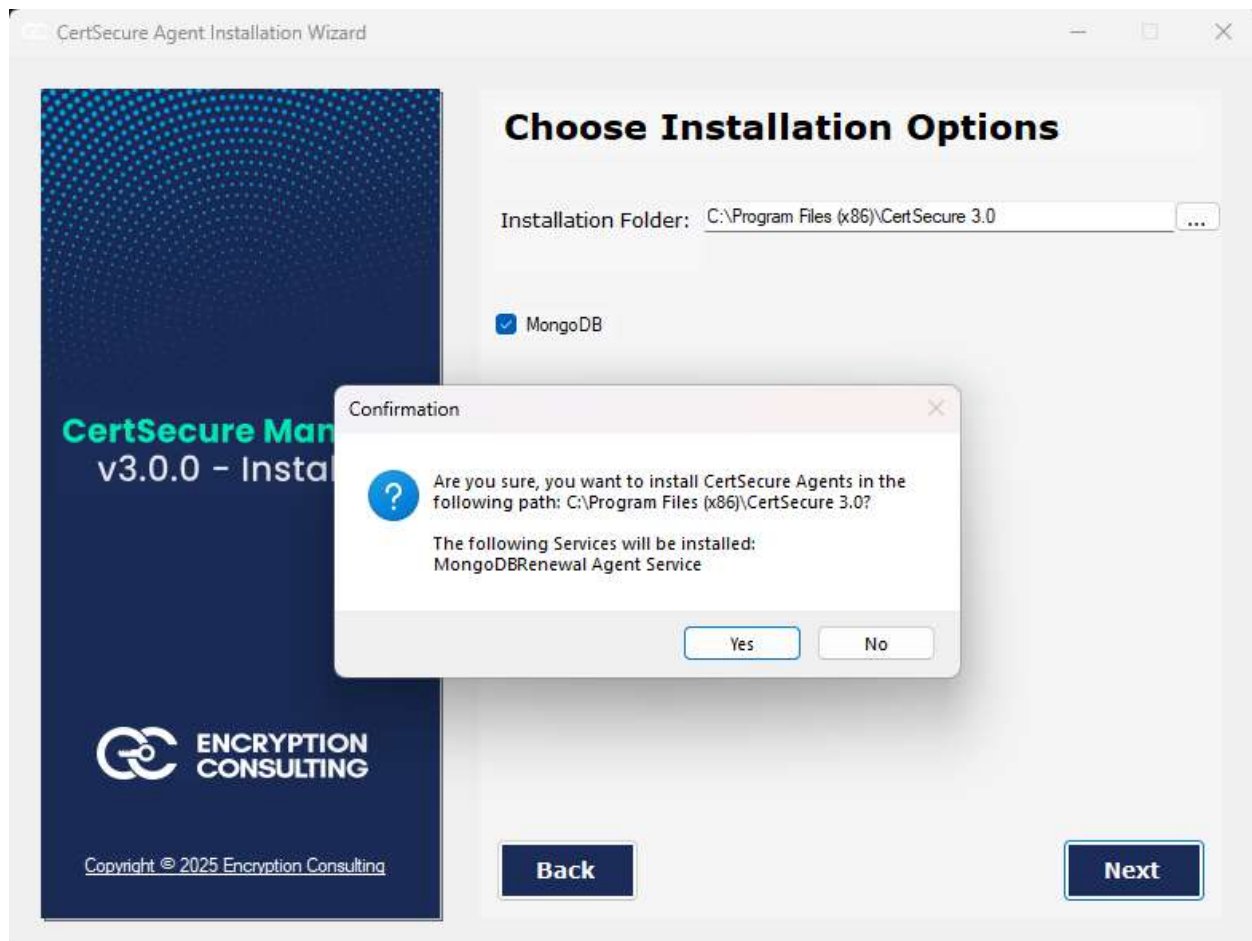
You must also be able to connect to your MongoDB instance from the target machine; therefore, ensure that port 27017 (or your configured port) is open and accessible.

Installation

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

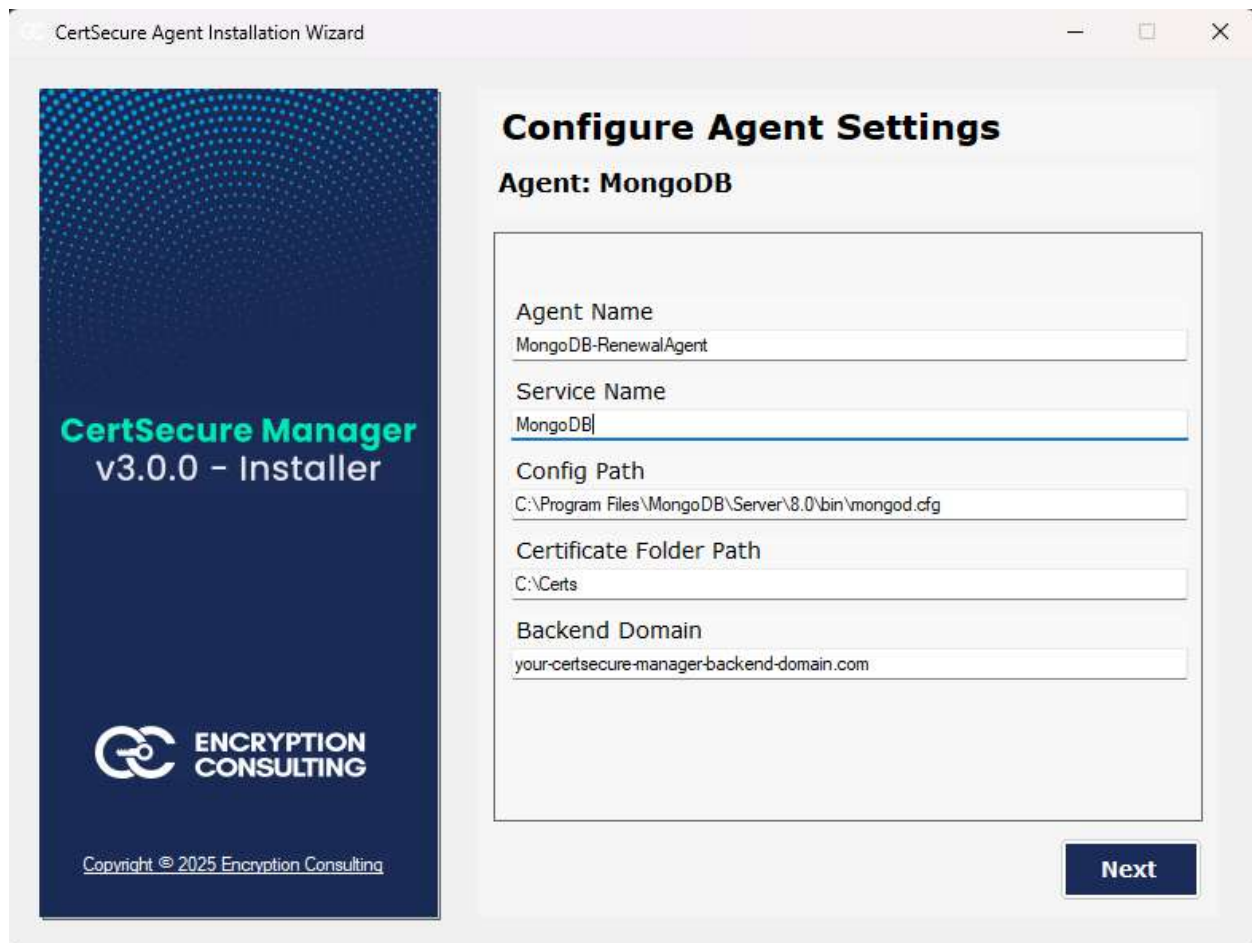
1. Configuration and Installation

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



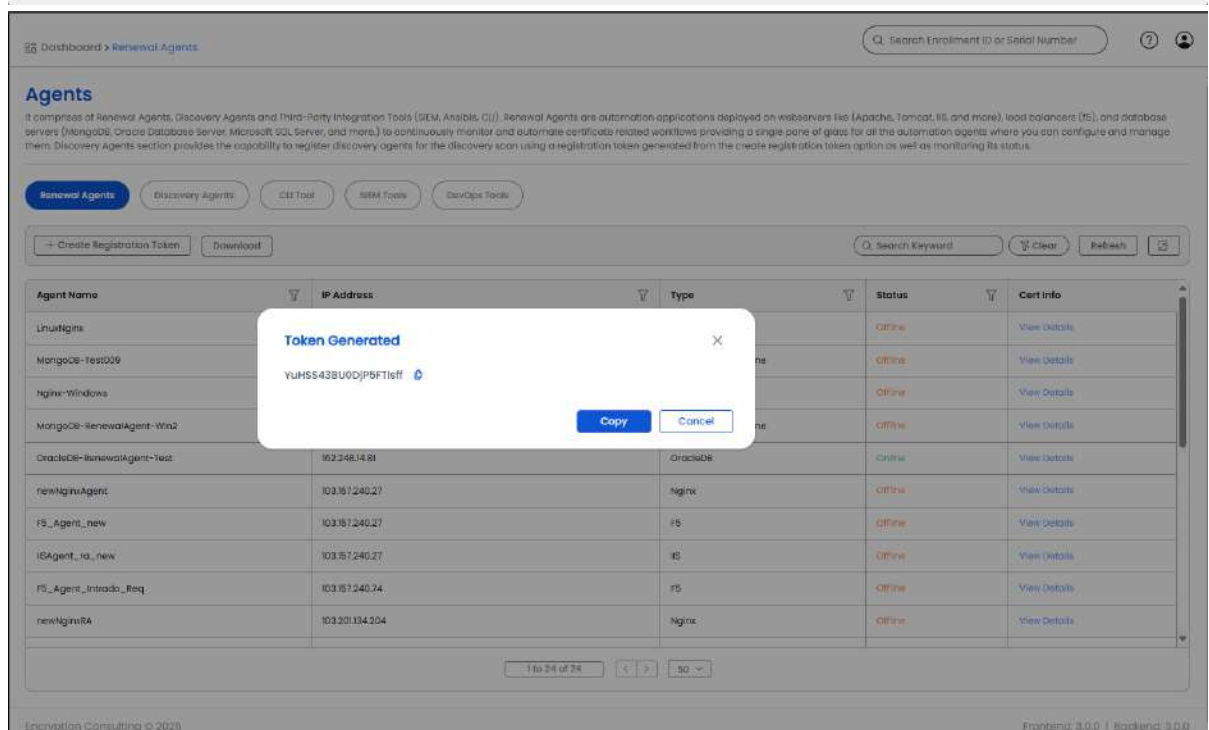
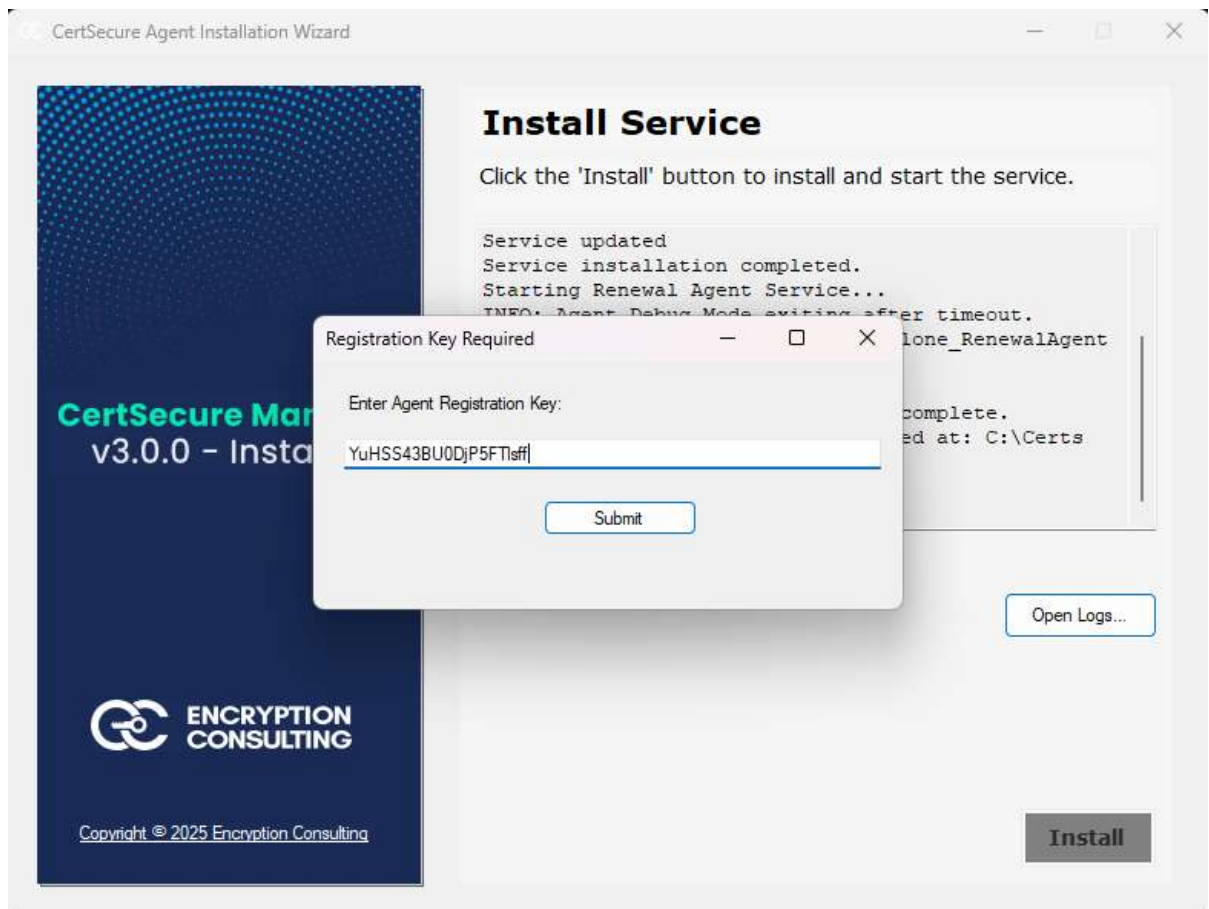
Step 1: Mention the required details

- Provide a unique name for the agent.
- Provide a unique service name for the agent.
- Specify the database name for certificate storage metadata
- Specify the database name for MongoDB Config path.
- 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. Now mention the MongoDB account credentials and authentication database (usually 'admin').
- Wait for the installer to finalize the installation and then close the installer.



Validation

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

1. Validation

Step 1: Validate

- On the CertSecure Manager UI, go to Utilities → Agents. You can see a renewal agent with the name provided during installation.
- On the target machine, run services.msc and look for EC_MongoDB_Renewal_Agent, you can monitor and manage the renewal agent from here.
- You can also monitor the agent logs by accessing the log file at C:/CertSecure/logs/mongodb_agent.log.

Agents

It comprises of Renewal Agents, Discovery Agents and Third-Party Integration Tools (SIEM, Ansible, CU). Renewal Agents are automation applications deployed on web servers like (Apache, Tomcat, IIS, and more), load balancers (LB), and database servers (MongoDB, Oracle Database Server, Microsoft SQL Server, and more) to continuously monitor and automate certificate related workflows providing a single pane of glass for all the automation agents where you can configure and manage them. Discovery Agents section provides the capability to register discovery agents for the discovery scan using a registration token generated from the create registration token option as well as monitoring its status.

Renewal Agents | Discovery Agents | CLI Tool | SIEM Tools | DevOps Tools

+ Create Registration Token | Download

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Agent Name	IP Address	Type	Status	Cert Info
v	192.168.1.28	MSSQLStandalone	Offline	No Details found
apache-testing-installer	192.168.1.28	Apache	Offline	View Details
iis-r0000	192.168.1.28	IIS	Offline	No Details found
test-certsecure-nginx	10.148.180.62	Nginx	Offline	View Details
test-certsecure-nginx-testing	10.148.180.62	Nginx	Offline	No Details found
newTest	10.148.180.62	Nginx	Offline	No Details found
newTest-5	10.148.180.62	Nginx	Offline	View Details
MSSQL-RenewalAgent	17.233.146.131	MSSQLStandalone	Offline	No Details found
MongoDB-RenewalAgent	17.233.146.131	MongoDBStandalone	Online	No Details found
Oracle-RenewalAgent	17.233.146.131	OracleDB	Offline	No Details found

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Services

FileActionViewHelp

Services (Local)

Services (Local)

Select an item to view its description.

Name	Description	Status	Startup Type	Log On As
EC_Apache_RenewalAgent	Renewal ag...		Automatic	Local System
EC_F5_RenewalAgent	Renewal ag...		Automatic	Local System
EC_IIS_RenewalAgent	Renewal ag...		Automatic	Local System
EC_MongoDBStandalone_R...	Renewal ag...	Running	Automatic	Local System
EC_MSSQLStandalone_Rene...	Renewal ag...	Running	Automatic	Local System
EC_nginx_RenewalAgent	Renewal ag...		Automatic	Local System
EC_OracleDB_RenewalAgent	Renewal ag...		Automatic	Local System