

Prerequisites

To get the Oracle 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. Oracle Database Account with Required Permissions

To set up the renewal agent, you also need an Oracle Server instance configured and running with appropriate permissions.

3. Connectivity

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

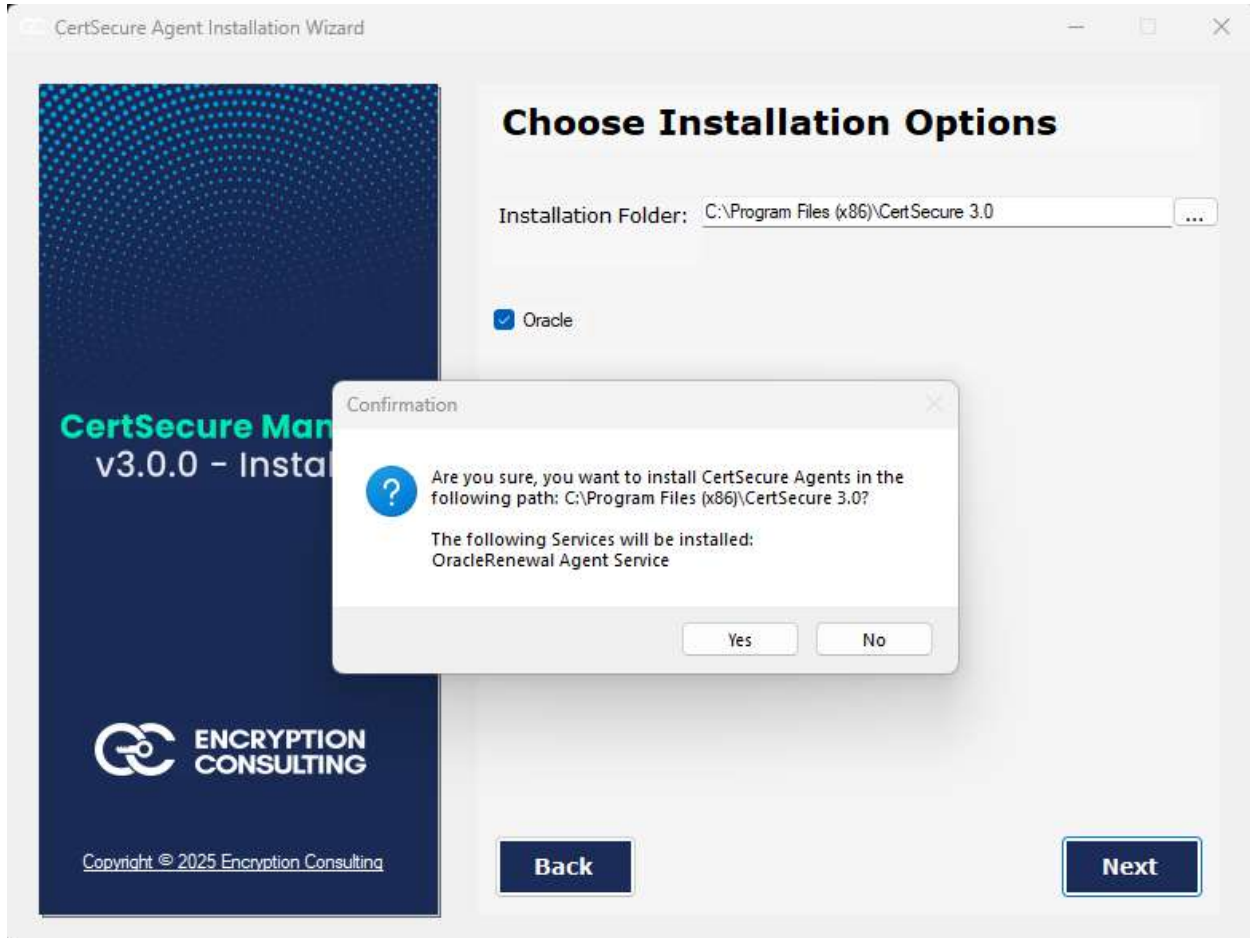
You must also be able to connect to your Oracle Database instance from the target machine; therefore, ensure that port 1521 (or your configured port) is open and accessible.

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 Oracle renewal agent for installation.



Step 1: Mention the required details

- Provide a unique name for the agent.
- Provide the desired SSL certificate binding name for Oracle Wallet/SSL configuration.
- Provide the hostname/IP address of your Oracle Database server.
- Specify the Oracle SID or Service Name.
- Provide the URL for your CertSecure Manager backend.

CertSecure Agent Installation Wizard



CertSecure Manager
v3.0.0 – Installer

 **ENCRYPTION CONSULTING**

Copyright © 2025 Encryption Consulting

Configure Agent Settings

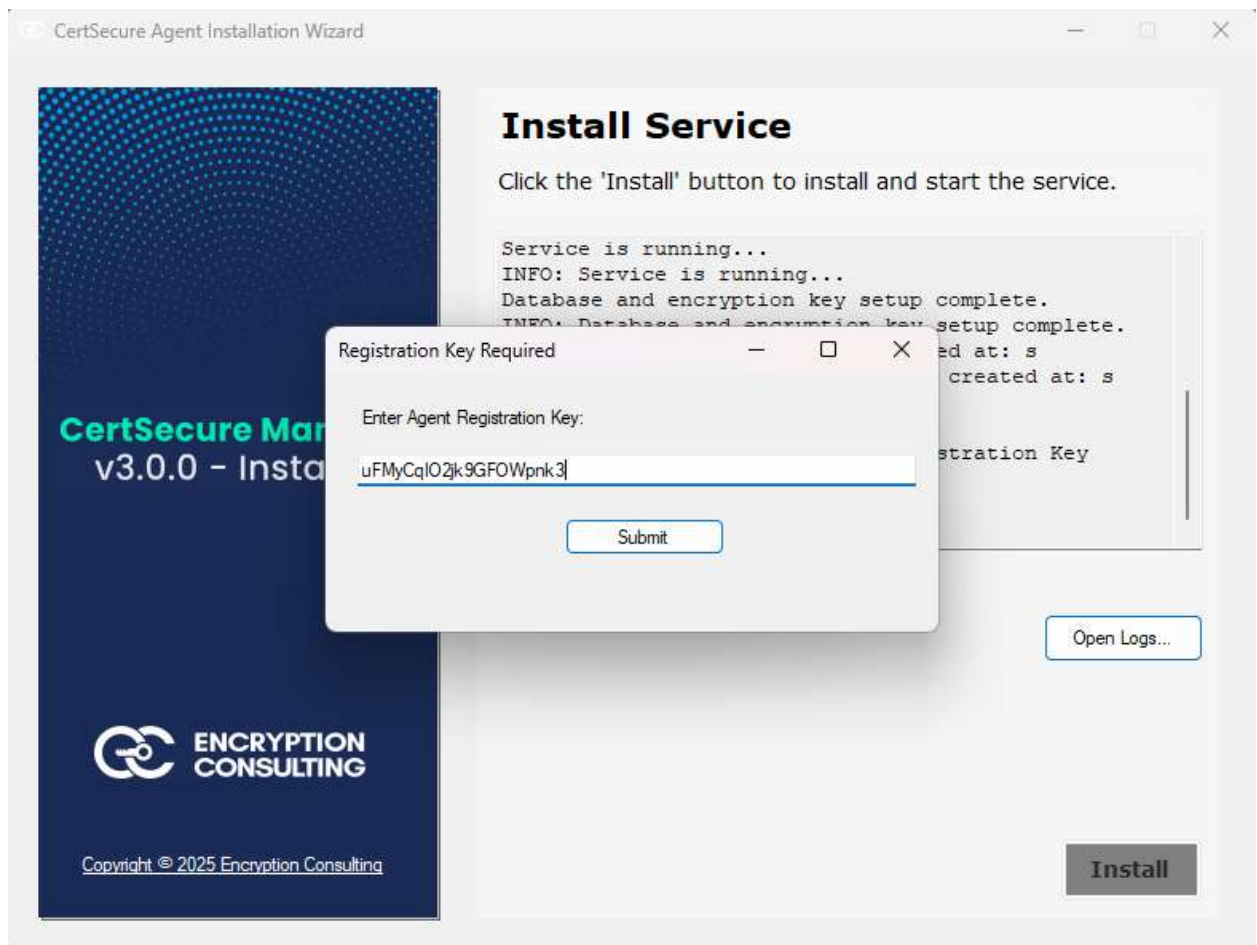
Agent: Oracle

Agent Name	OracleDB-RenewalAgent
Oracle Path	C:\app\oracle\product\19.0.0\dbhome_1\owm\wallets\oracle
Certificate Folder Path	C:/Cert
Wallet Path	C:\app\oracle\product\19.0.0\dbhome_1\
Wallet Password	Password
Backend Domain	your-certsecure-manager-backend-domain.com

Next

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



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_Oracle_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/oracle_agent.log.

Agents

It comprises of Renewal Agents, Discovery Agents and Third-Party Integration Tools (SIEM, Ansible, CI/). 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

Search Keyword

Clear

Refresh



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
ls-ra000	192.168.1.28	IIS	Offline	No Details found
test-certsecure-nginx	103.148.160.82	Nginx	Offline	View Details
test-certsecure-nginx-testing	103.148.160.82	Nginx	Offline	No Details found
newTest	103.148.160.82	Nginx	Offline	No Details found
newTest-6	103.148.160.82	Nginx	Offline	View Details
MSSQL-RenewalAgent	172.233.146.131	MSSQLStandalone	Offline	No Details found
MongoDB-RenewalAgent	172.233.146.131	MongoDBStandalone	Online	No Details found
Oracle-RenewalAgent	172.233.146.131	OracleDB	Offline	No Details found

1 to 27 of 27

Services

File Action View Help



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