

MSCA Connector Integration Guide

Prerequisites

Before deployment, ensure:

- CertSecure Manager frontend and backend are fully operational.
- Use an **Admin** CertSecure account for setup.
- Machine is **domain-joined**.
- A **Service Account** is used with the following permissions:
 - Log on as a Service
 - Log on as a Batch Job
 - Allow Log on through Remote Desktop Services
- Service account has **Read and Enroll** permissions on each certificate template.

Hardware Requirements

- CPU: **16 cores**, RAM: **32 GB**, Storage: **200 GB**

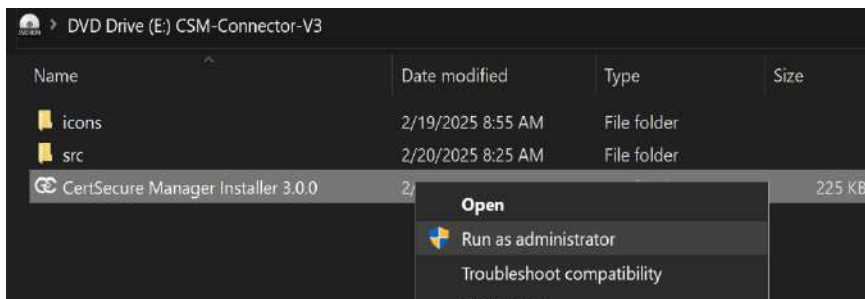
Software Requirements

- OS: **Windows 11** or **Windows Server 2019 (or later)**

Deployment Steps

Step 1: Running the Installer

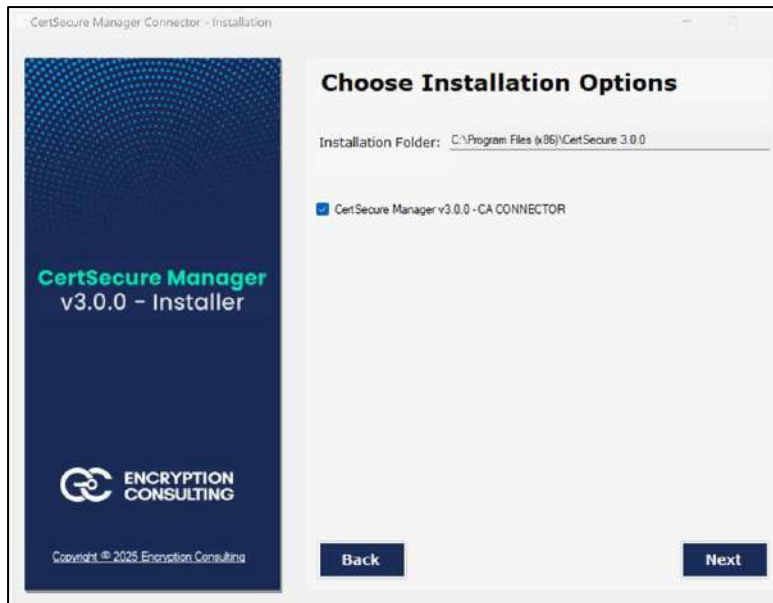
1. Mount the **ISO** by right-clicking and selecting **Mount**.
2. Open the mounted drive, find the **installer**, and **run as Administrator**.



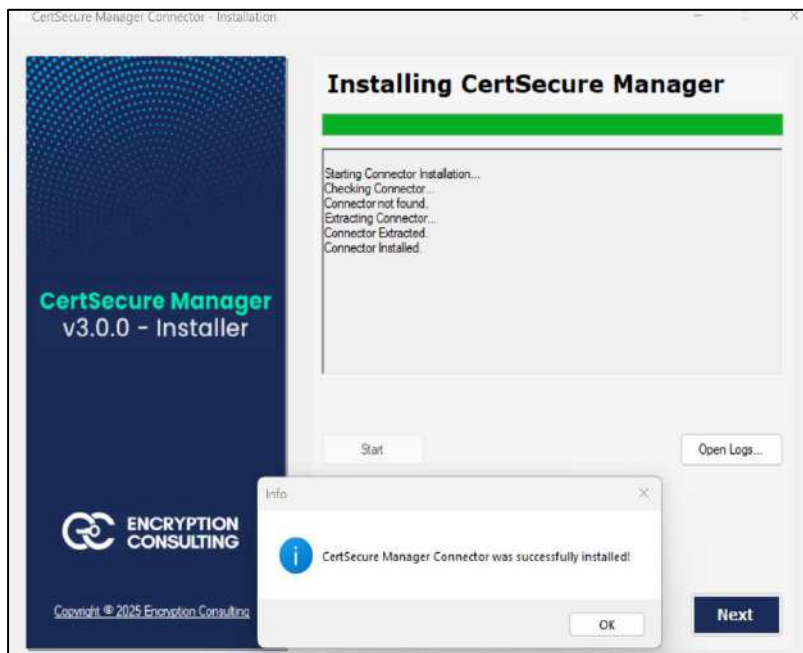
Note: If v1.98 or older connector is running, manually terminate it first.

Step 2: Installation and Service Configuration

1. Click **Next** → Accept license →
Default path: C:\Program Files (x86)\CertSecure 3.0 → Click **Next**.



2. Click **Start** on installation page → wait for completion.
View logs if needed → Click **OK**, then **Next**.



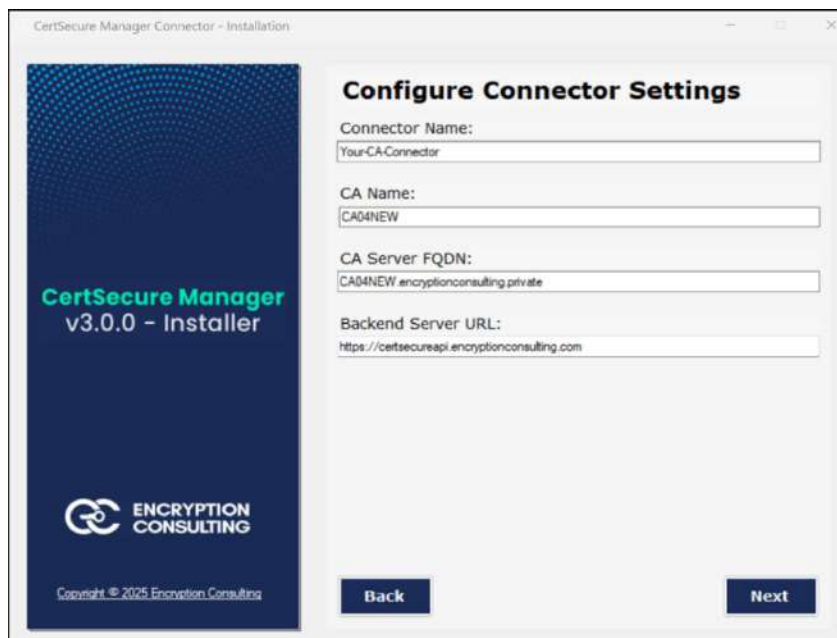
3. On **Configure Connector Settings** page:
 - Run certutil in Admin CMD.

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Entry 3:
Name: ← "CA04NEW"
Organizational Unit: ""
Organization: ""
Locality: ""
State: ""
Country/region: ""
Config: "CA04NEW.encryptionconsulting.private\CA04NEW"
Exchange Certificate: ""
Signature Certificate: ""
Description: ""
Server: ← "CA04NEW.encryptionconsulting.private"
Authority: "CA04NEW"
Sanitized Name: "CA04NEW"
Short Name: "CA04NEW"
Sanitized Short Name: "CA04NEW"
Flags: "1"
Web Enrollment Servers: ""
CertUtil: -dump command completed successfully.

```

- Note down **Name** = CA Name, and **Server** = CA Server FQDN.
- Enter **Connector Name** (any value) → Click **Next**.



CertSecure Manager Connector - Installation



CertSecure Manager
v3.0.0 - Installer

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Configure Connector Settings

Connector Name:

CA Name:

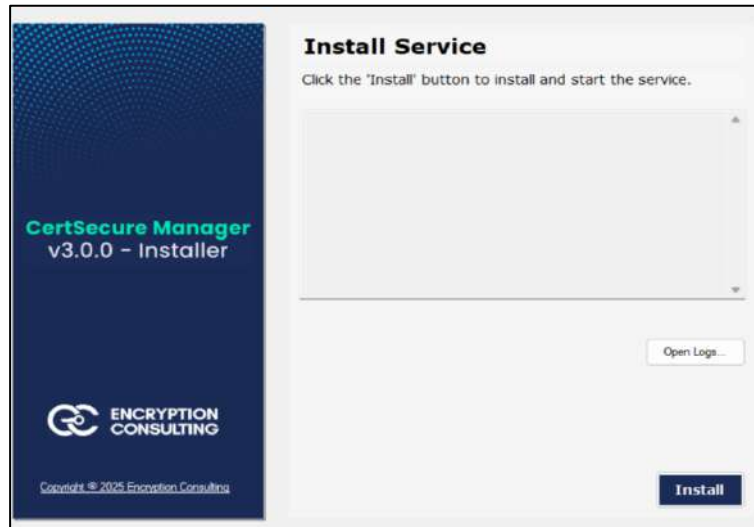
CA Server FQDN:

Backend Server URL:

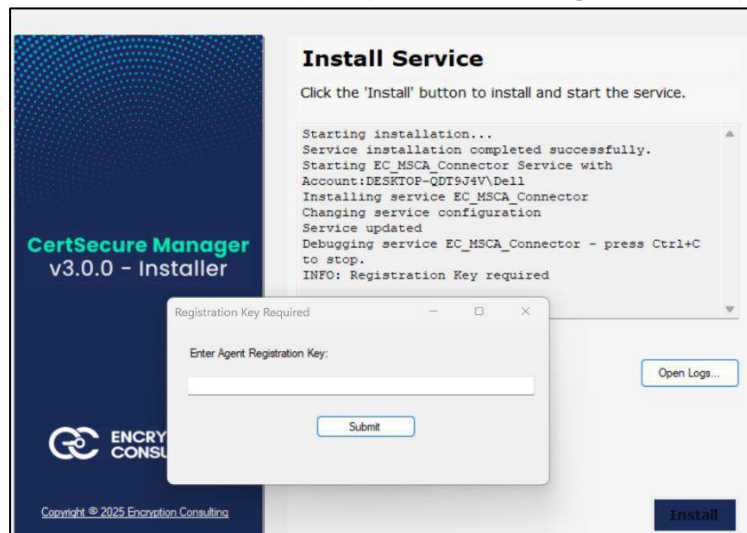
Back **Next**

4. On **Install Service** page:

- Click **Install**.

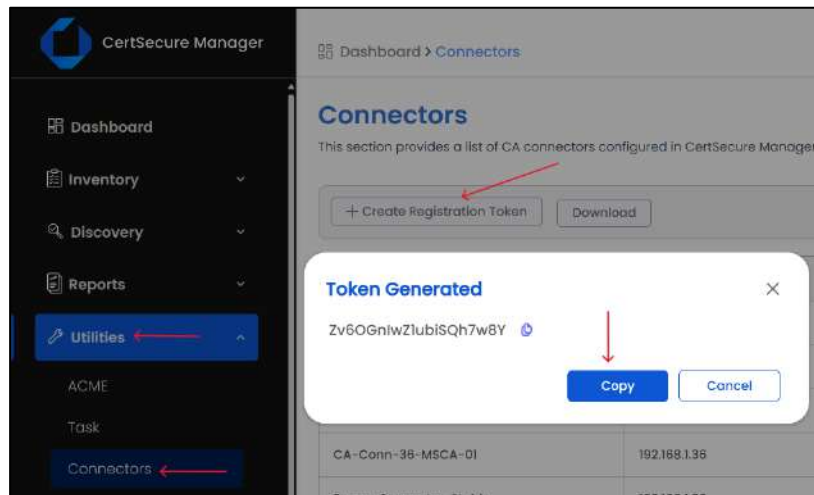


- After service installs, a prompt will ask for **Registration Key**.

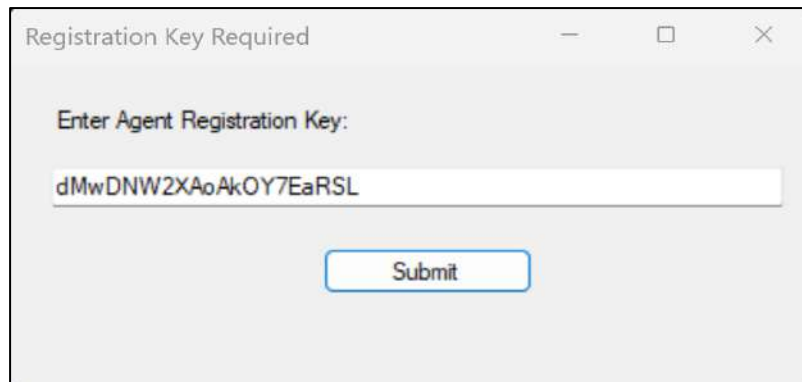


5. On CertSecure UI → Go to **Utilities > Connectors**

- Click **Create Registration Token**.

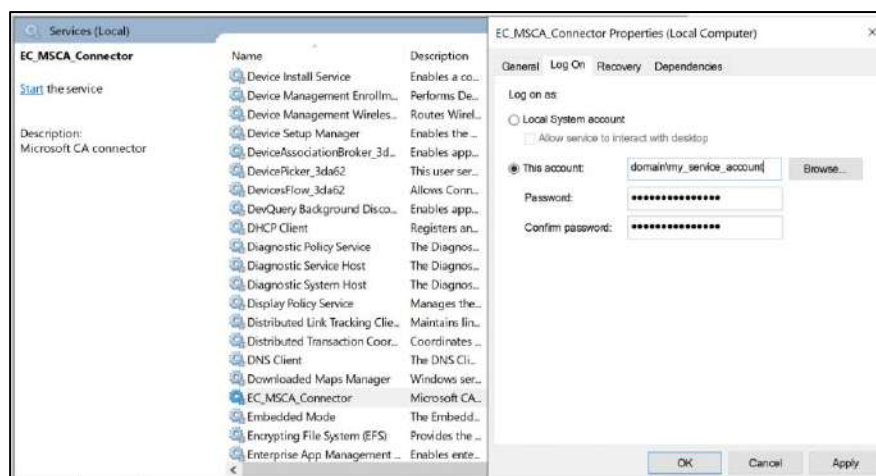


- Copy token → paste into prompt on installer → Click **Submit** → Close prompt → Click **OK** → Click **Next**.

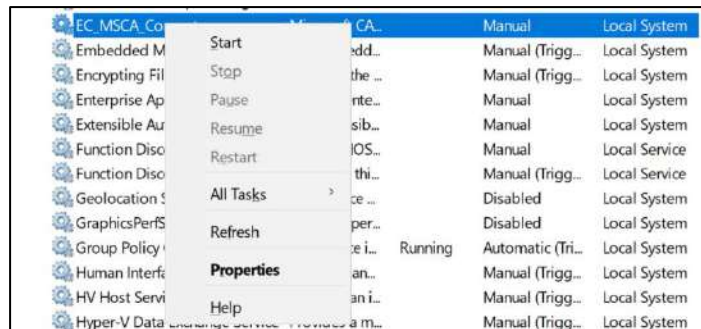


6. Open **Services.msc** →

- Right-click EC_MSCA_Connector → **Properties** > **Log On** → Select **This Account**
- Enter **Service Account credentials** → Click **OK**



- Right-click service again → Click **Start**

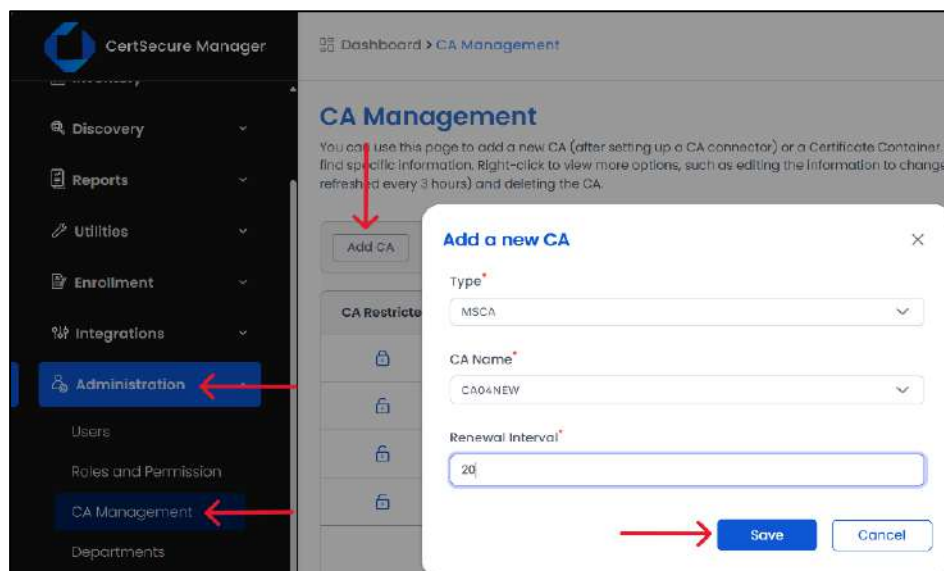


- Service Status will become "Running"
Go to UI → Click **Refresh** to see the connector displayed.

Agent Name	IP Address	CA Name	CA Type	Status
Agent 1	10.10.10.10	CA001	MSCA	Online
Agent 2	10.10.10.11	CA002	MSCA	Online
Agent 3	10.10.10.12	CA003	MSCA	Online
Agent 4	10.10.10.13	CA004	MSCA	Online
Agent 5	10.10.10.14	CA005	MSCA	Online
Agent 6	10.10.10.15	CA006	MSCA	Online
Agent 7	10.10.10.16	CA007	MSCA	Online
Agent 8	10.10.10.17	CA008	MSCA	Online
Agent 9	10.10.10.18	CA009	MSCA	Online
Agent 10	10.10.10.19	CA010	MSCA	Online
Your CA Connector	10.10.10.20	CA04NEW	MSCA	Online

7. In CertSecure UI:

- Go to **Administration > CA Management** → Click **Add CA**
- Choose **CA Type: MSCA**
- Enter **CA Name** (e.g., CA04NEW as entered earlier)
- Set **Renewal Interval** (e.g., 5 = sync every 5 mins) → Click **Save**



8. On installer → Click **Finish** → Click **Yes** on confirmation → Exit application.

