

# SoftwareUCM Installation Guide – VMware ESXi

## Introduction

This guide provides step-by-step instructions for deploying **SoftwareUCM** on a **VMware ESXi 8.0** environment. It covers prerequisites, ISO upload, virtual machine setup, and final access to the SoftwareUCM web interface. The procedure is designed for IT administrators familiar with VMware ESXi management.

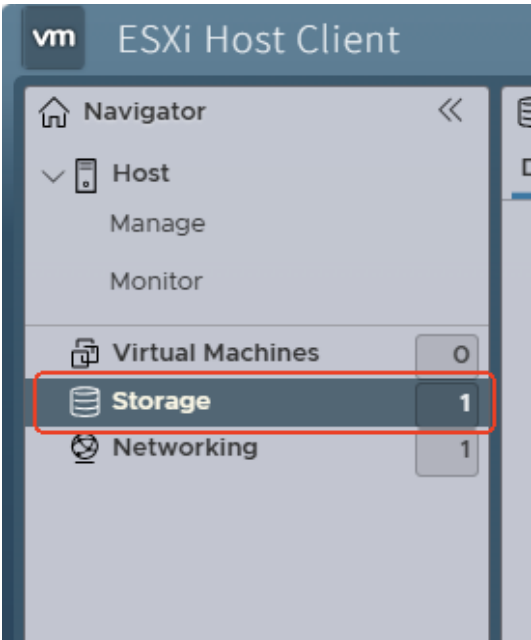
## Prerequisites

- Ensure your VMware ESXi version is **8.0**.
- Download the [SoftwareUCM ISO image file](#).

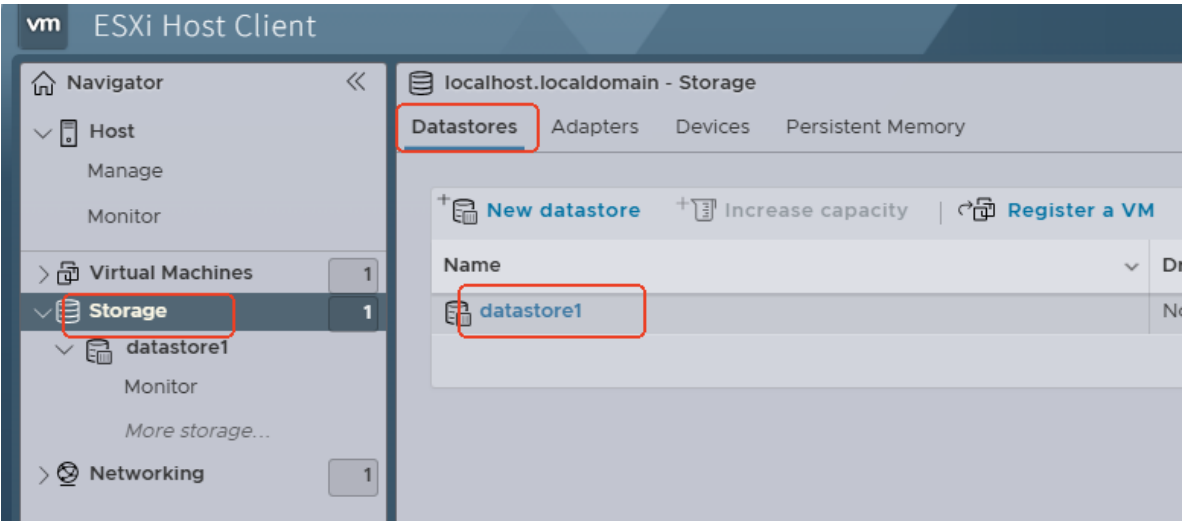
## Installation Steps

### Step 1: Upload the SoftwareUCM ISO to VMware ESXi

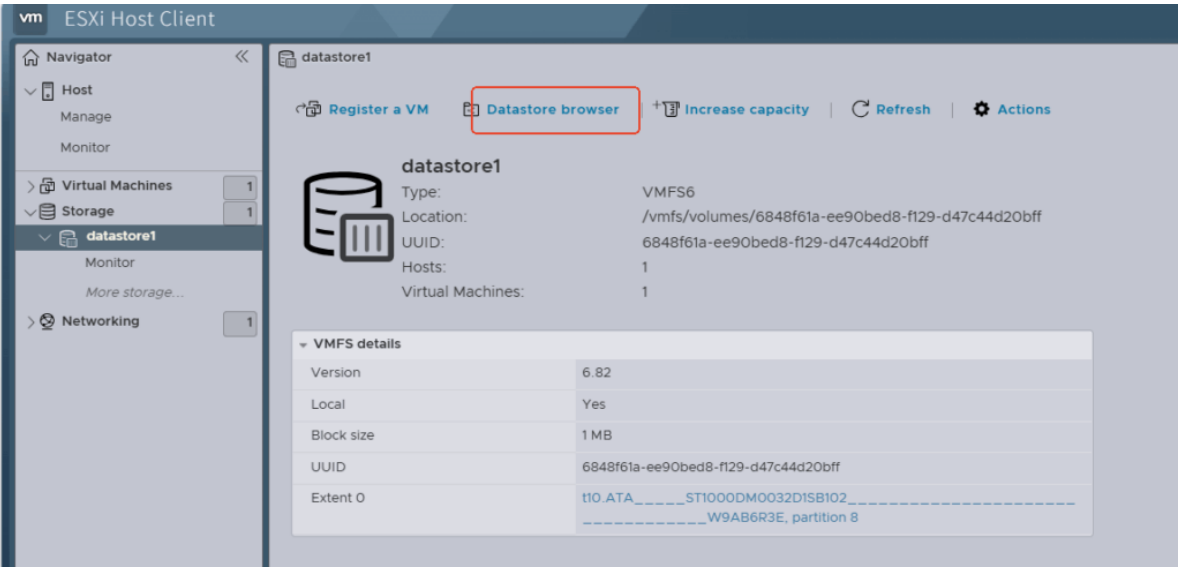
- Log in to the **VMware ESXi management console**.
- In the left navigation bar, click on **Storage**.



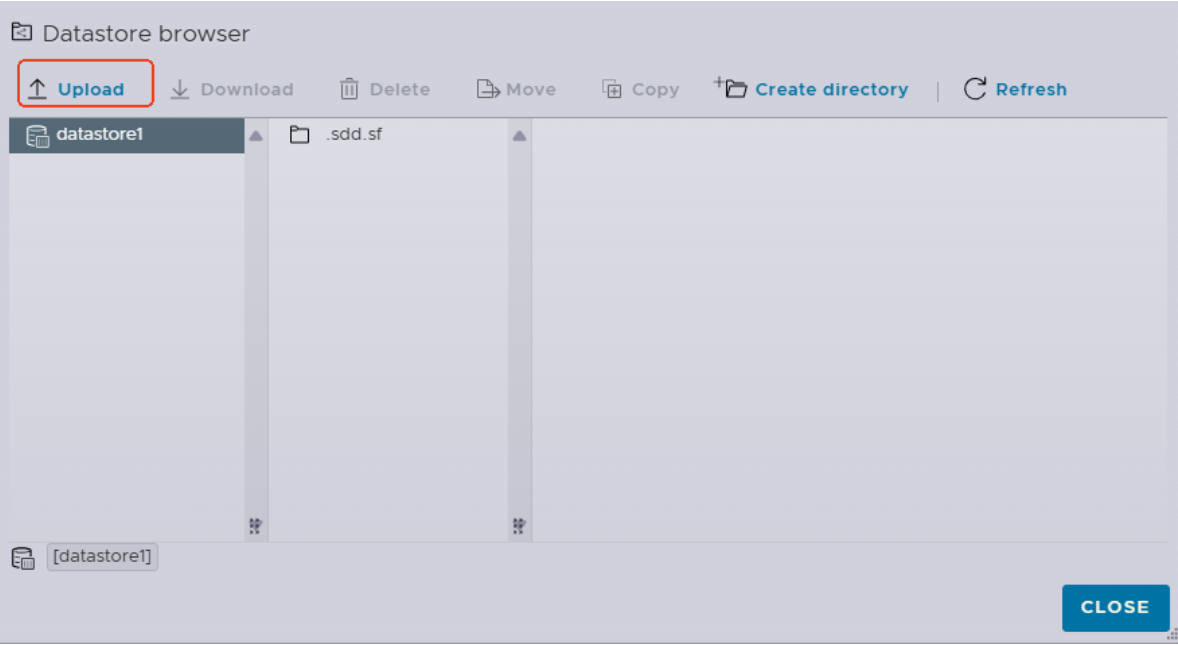
- Choose a **datastore** where you want to upload the ISO.



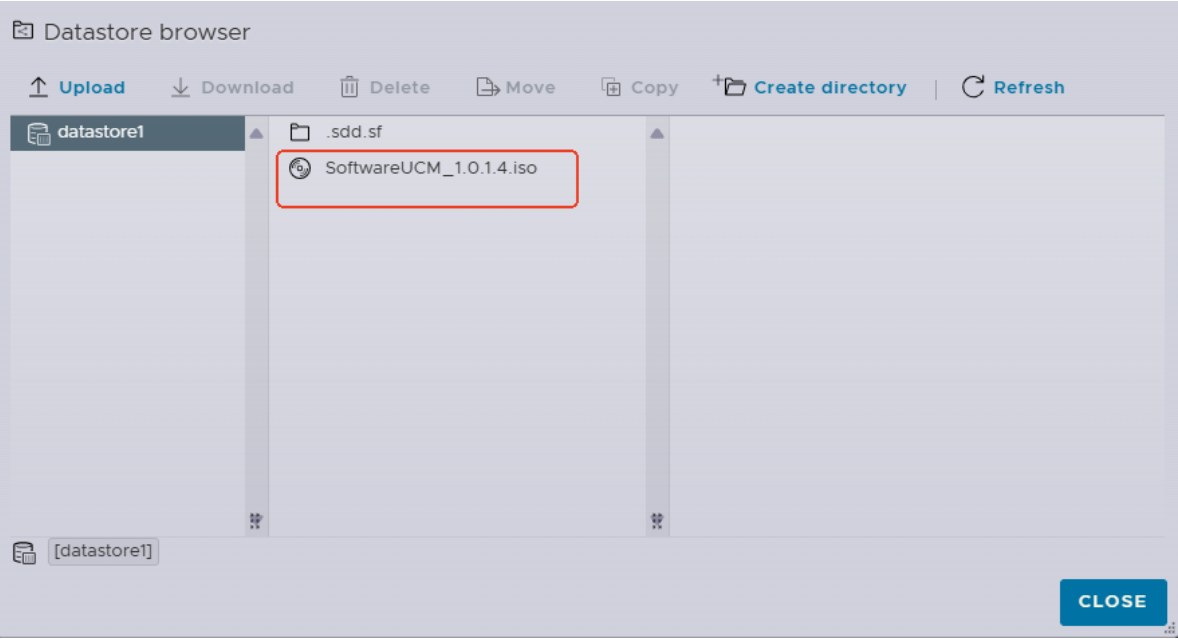
- Click **Datastore browser > Upload** and select the SoftwareUCM ISO file from your computer.



- At the top-left corner of the pop-up window, click **Upload** to select the SoftwareUCM ISO, Wait a few minutes for the upload to complete.

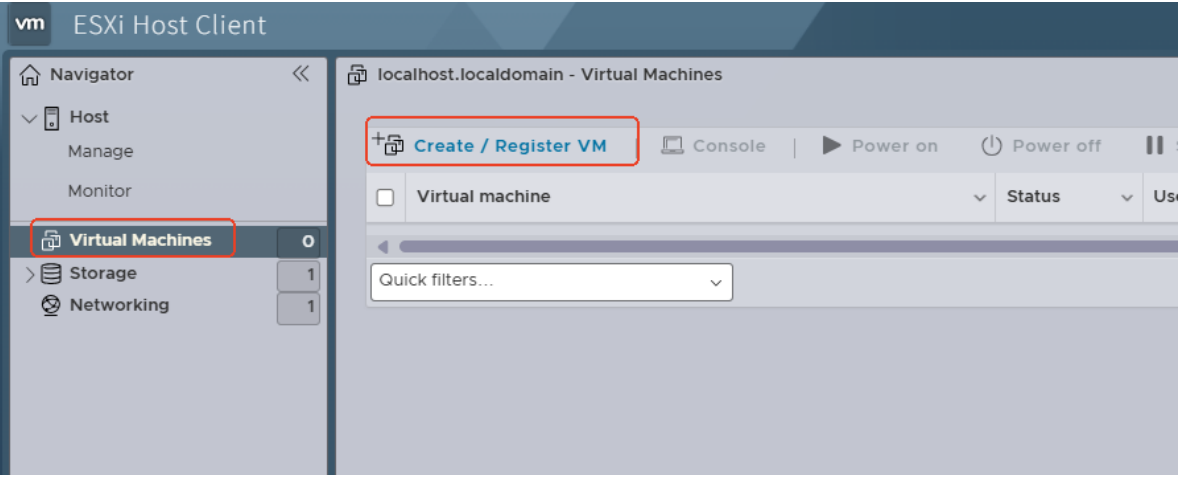


- When done, the SoftwareUCM ISO is displayed on the datastore. Click **Close** after that.



## Step 2: Create a New Virtual Machine

- Click **Virtual Machines > Create / Register VM**.



- Select **Create a new virtual machine** and click **Next**.

New virtual machine

1 Select creation type

4 Select a name and guest OS

5 Select storage

6 Customize settings

10 Ready to complete

### Select creation type

How would you like to create a Virtual Machine?

**Create a new virtual machine**

Deploy a virtual machine from an OVF or OVA file

Register an existing virtual machine

This option guides you through creating a new virtual machine. You will be able to customize processors, memory, network connections, and storage. You will need to install a guest operating system after creation.

CANCEL BACK **NEXT** FINISH

- Enter the following VM details:
  - Name:** `SoftwareUCM`
  - Compatibility:** `ESXi 8.0 U2 virtual machine.`
  - Guest OS Family:** `Linux`
  - Guest OS Version:** `AlmaLinux (64-bit)`

New virtual machine - SoftwareUCM (ESXi 8.0 U2 virtual machine)

1 Select creation type

4 Select a name and guest OS

5 Select storage

6 Customize settings

10 Ready to complete

### Select a name and guest OS

Specify a unique name and OS

Name

SoftwareUCM

Virtual machine names can contain up to 80 characters and they must be unique within each ESXi instance.

Identifying the guest operating system here allows the wizard to provide the appropriate defaults for the operating system installation.

Compatibility

ESXi 8.0 U2 virtual machine

Guest OS family

Linux

Guest OS version

AlmaLinux (64-bit)

CANCEL BACK **NEXT** FINISH

- Select the previously used **datastore** for installation.

New virtual machine - SoftwareUCM (ESXi 8.0 U2 virtual machine)

1 Select creation type

4 Select a name and guest OS

5 Select storage

6 Customize settings

10 Ready to complete

### Select storage

Select the storage type and datastore

**Standard** Persistent Memory

Select a datastore for the virtual machine's configuration files and all of its virtual disks.

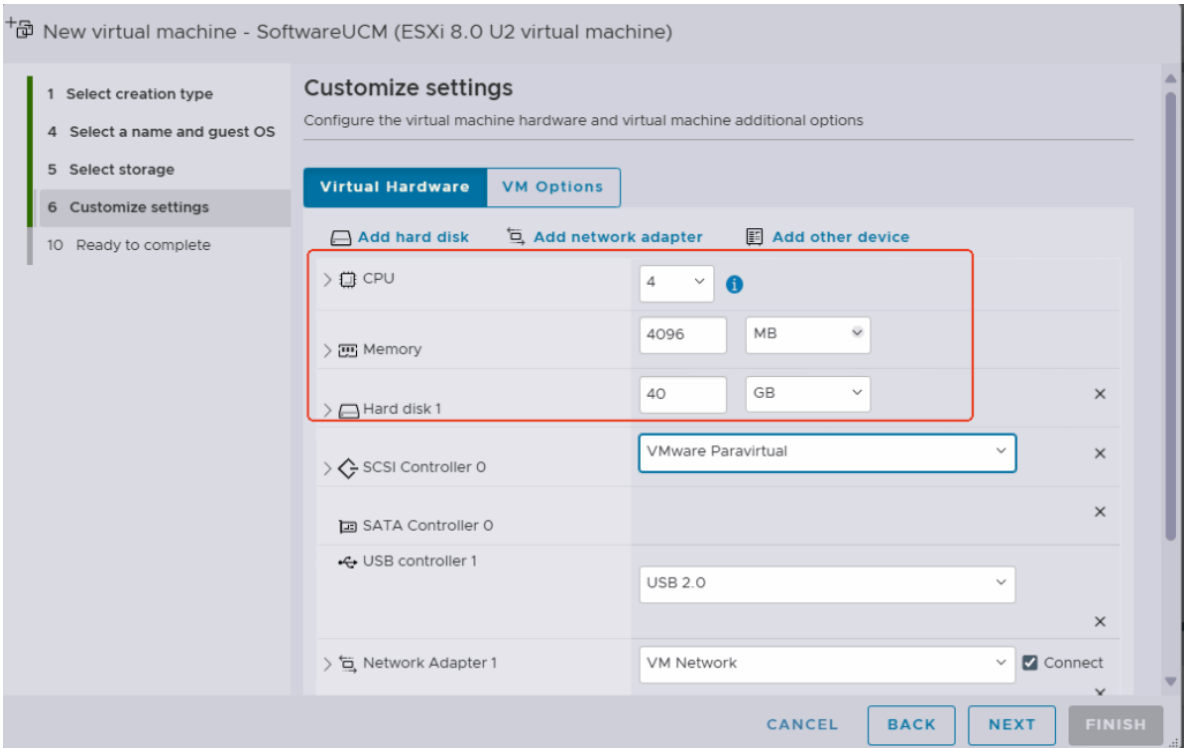
| Name       | Capacity  | Free      | Type  | Thin provision | Access |
|------------|-----------|-----------|-------|----------------|--------|
| datastore1 | 803.25 GB | 801.83 GB | VMFS6 | Supported      | Single |

1 items

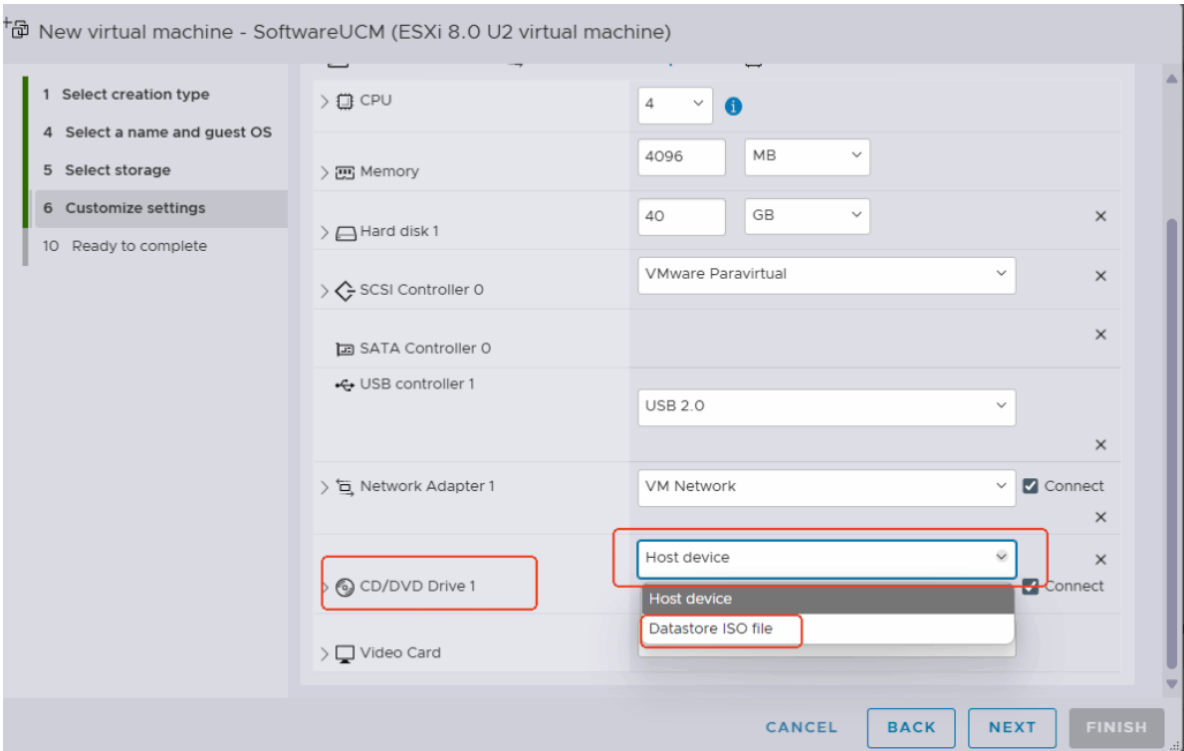
CANCEL BACK **NEXT** FINISH

- Configure virtual hardware:
  - CPU:** 4
  - Memory:** 4096 MB

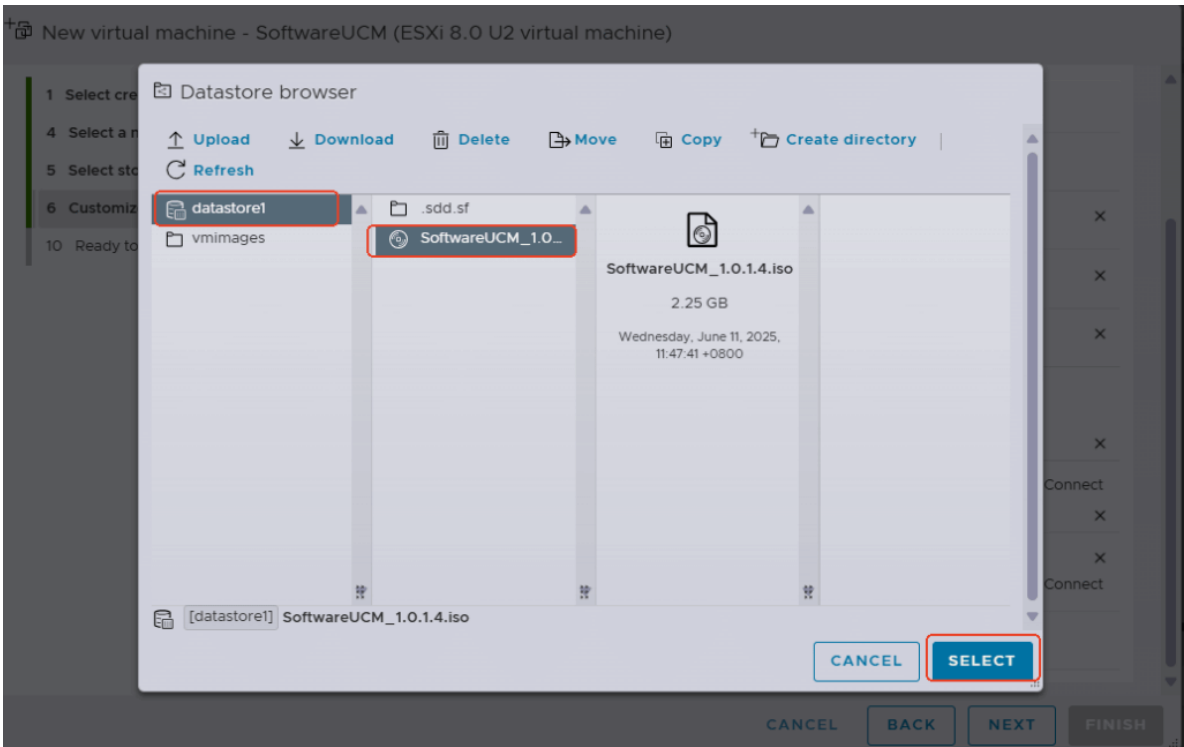
- **Hard disk:** 40 GB
- **CD/DVD Drive 1:** Select **Datastore ISO file**, then choose the uploaded SoftwareUCM ISO.
- **Network Adapter 1:** VM Network



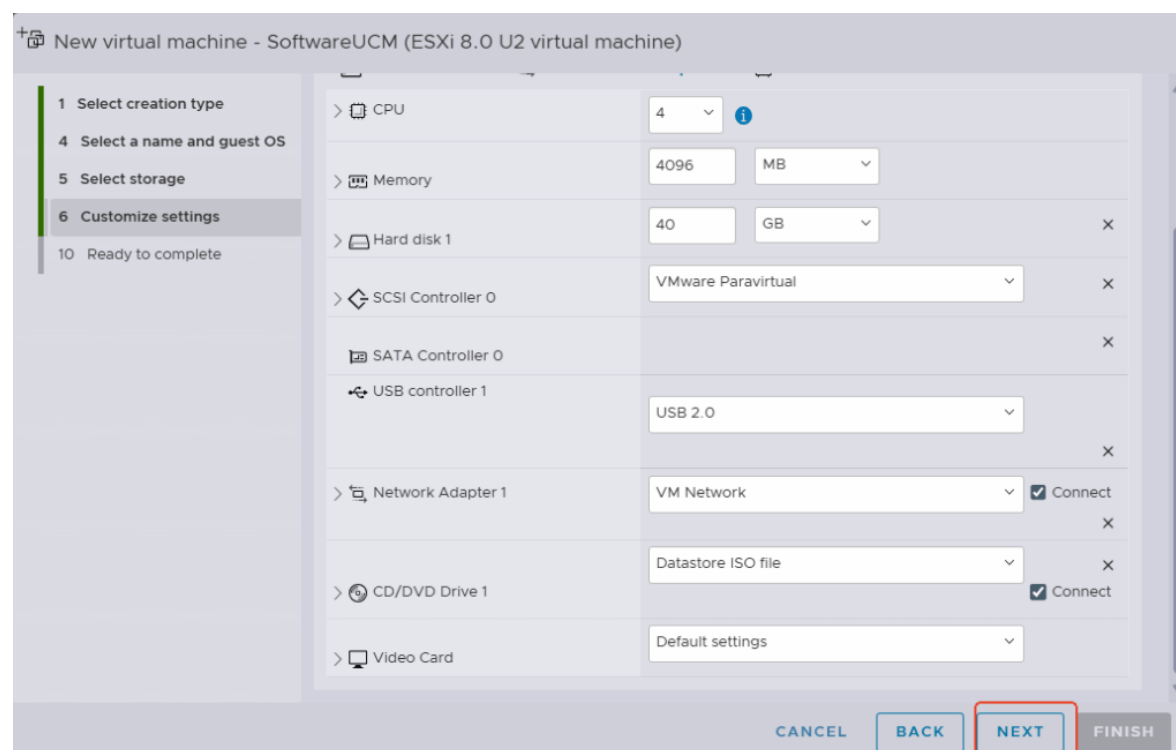
- Select **Datastore ISO file**. In the pop-up window.



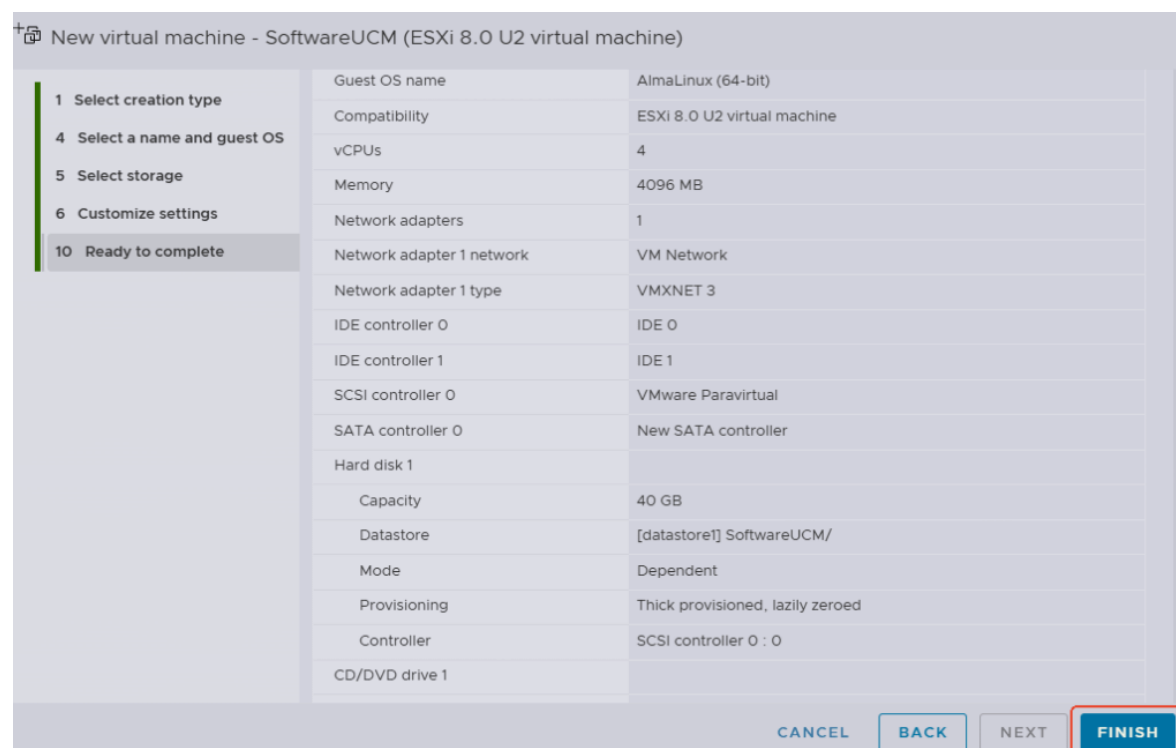
- Select the SoftwareUCM ISO, then click **Select**.



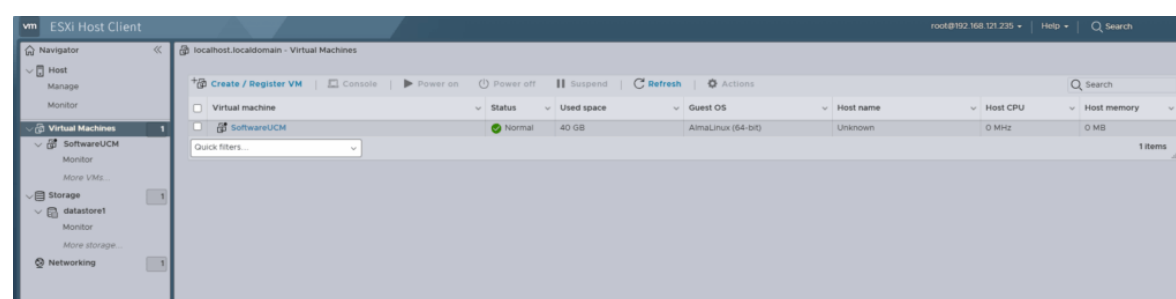
- After selecting the ISO file, click **Next**.



- On the **Ready to complete** page, review the settings, then click **Finish**.

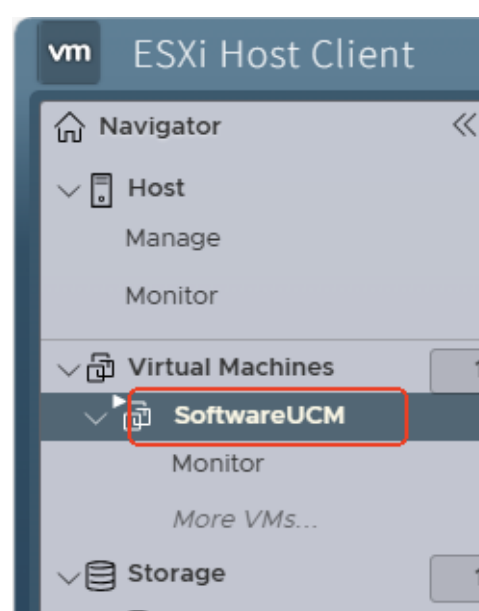


- Finally, The virtual machine is created and displayed on Virtual Machines list.

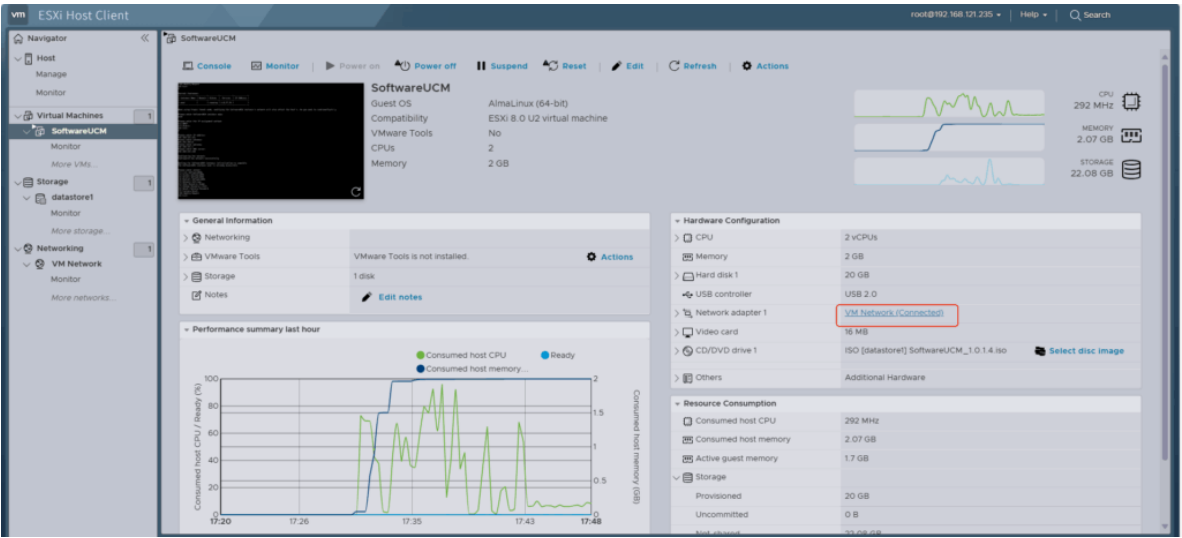


### Step 3: Set up the virtual machine's network

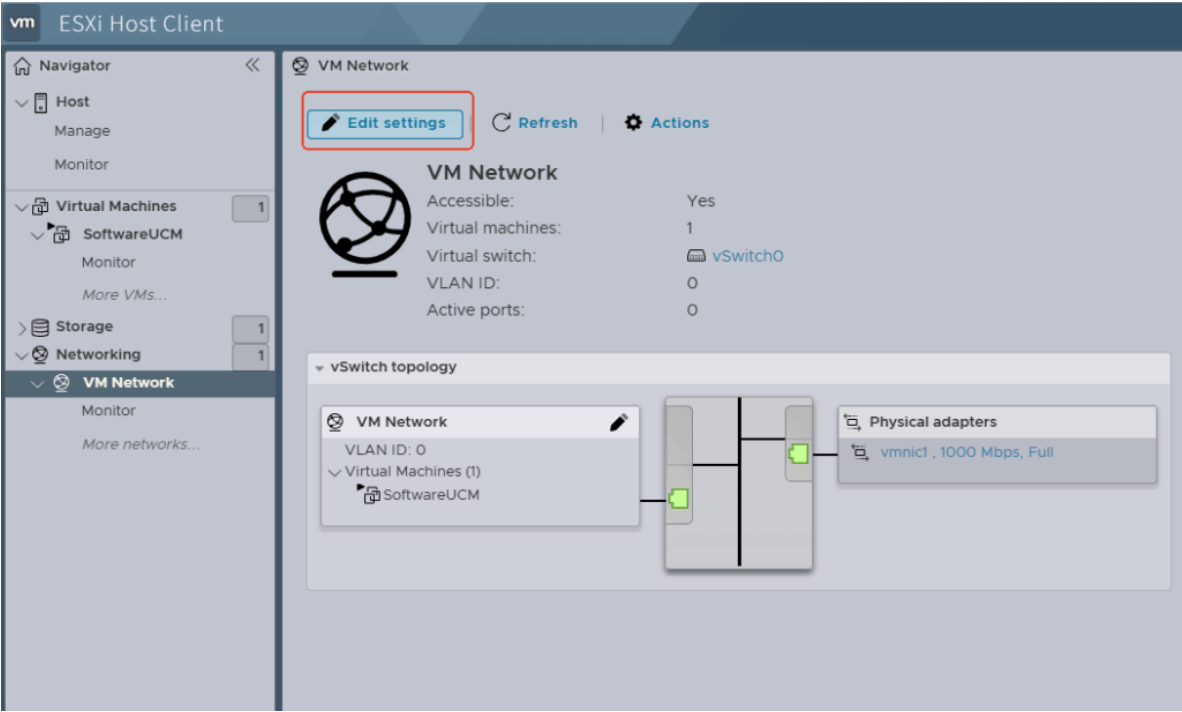
- Select the new **SoftwareUCM** VM created.



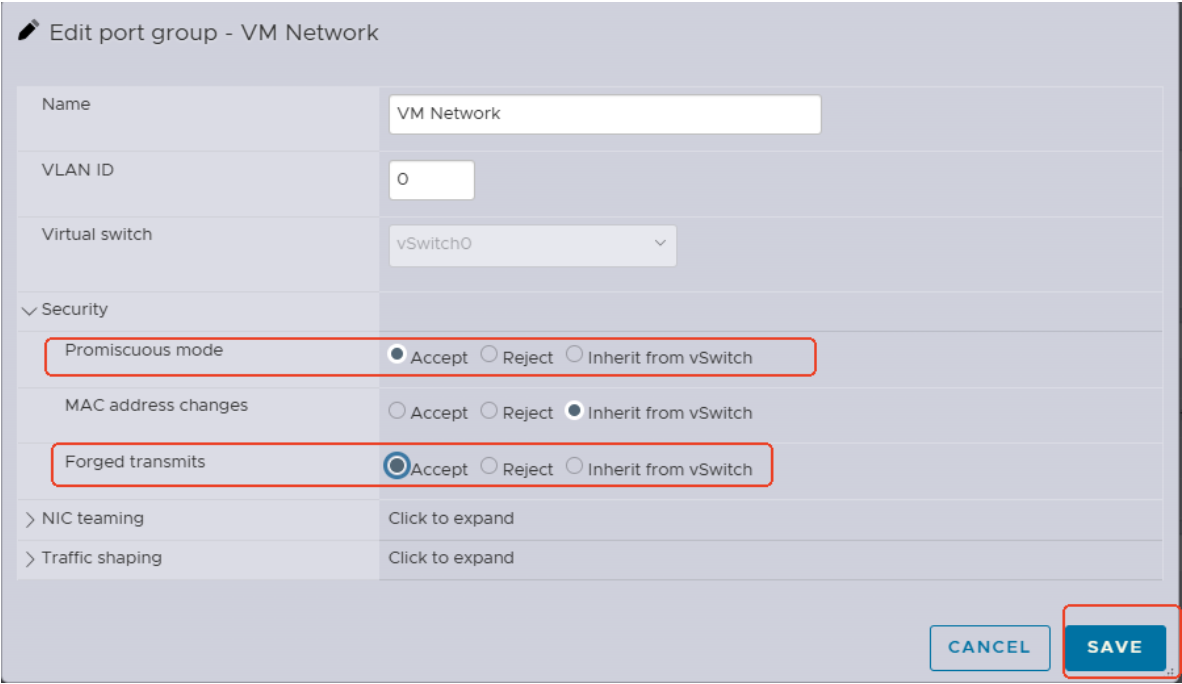
- Click **VM Network**



- Select **Edit settings**.

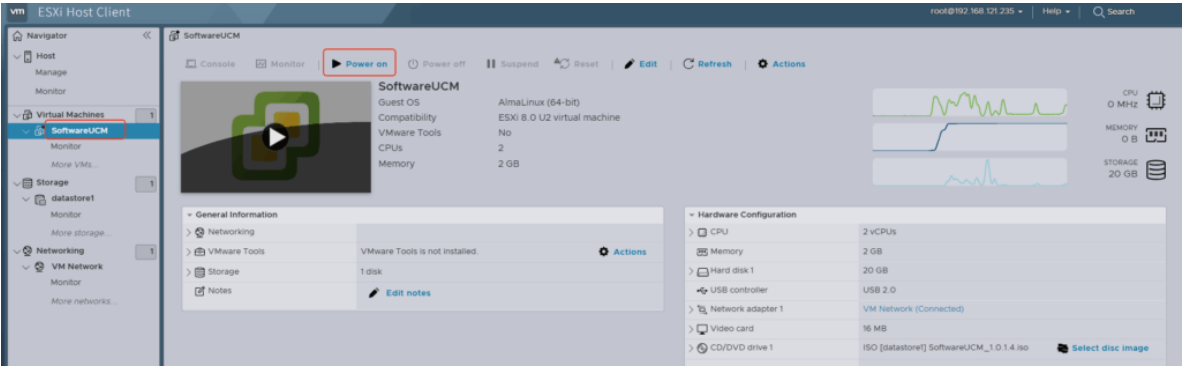


- In the popup window:
  1. Click the **Security** dropdown menu.
  2. Set both **Promiscuous mode** and **Forged transmits** to **Accept**.
  3. Click **Save**.

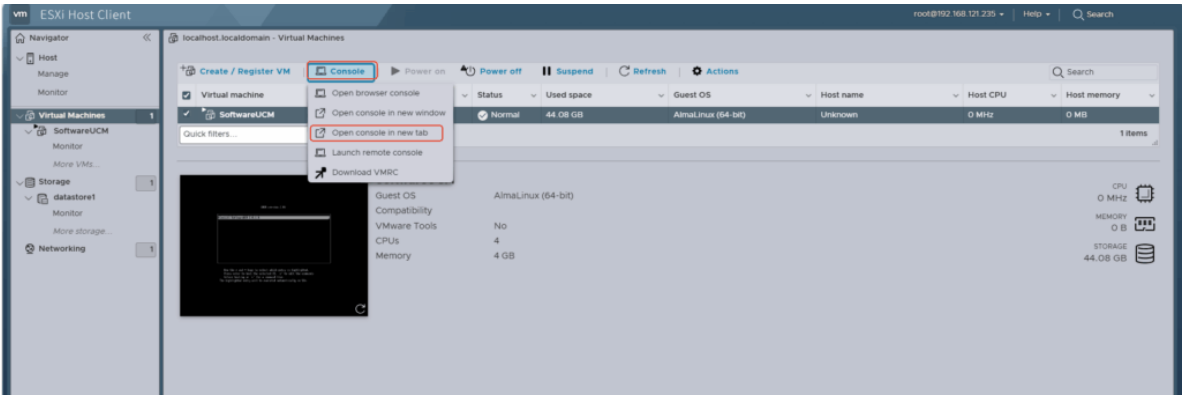


**Step 4: Install SoftwareUCM on the Virtual Machine**

- Select the created virtual machine, then click **Power on**.



- Open the **console** to view the installation process.



- Select **Install SoftwareUCM**, then press **Enter**.



- Read and accept the license agreement:
  - Press **Enter** or **PageDown** to scroll down.
  - Input **y** and press **Enter** to accept.



15.3. Export. You will comply fully with all relevant export laws and regulations of the United States of America and any other country ("Export Laws") where you use any of the Licensed Products. You certify that You are not on any of the relevant U.S. Government Lists of prohibited persons, including but not limited to the Treasury Department's List of Specially Designated Nationals, and the Commerce Department's List of Denied Persons or Entity List. You further certify that You shall not export, re-export, ship, transfer or otherwise use the Licensed Products in any country subject to an embargo or other sanction by the United States of America and that You shall not use the Licensed Products for any purpose prohibited by the Export Laws, including, but not limited to, nuclear, chemical, missile or biological weapons related end uses.

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15.7. General. All notices required or permitted under this Agreement will be in writing and delivered by email, and in each instance will be deemed given upon receipt. Please note that at all times You are responsible for providing Grandstream with Your most current e-mail address. In the event that the last e-mail address that You have provided Grandstream is not valid, or for any reason Grandstream is not capable of delivering notice to You, Grandstream's dispatch of an e-mail containing such notice will nonetheless constitute effective notice. You may not assign, delegate or transfer this Agreement, in whole or in part, by agreement, operation of law or otherwise. Any attempt to assign this Agreement other than as permitted herein will be null and void. Grandstream may assign this Agreement freely. Subject to the foregoing, this Agreement will bind and inure to the benefit of the parties' permitted successors and assigns. This Agreement constitutes the complete and exclusive understanding and agreement between the parties and supersedes any and all prior or contemporaneous agreements, communications and understandings, written or oral, relating to the subject matter hereof. Any waiver, modification or amendment of any provision of this Agreement will be effective only if in writing and signed by duly authorized representatives of both parties.

16. QUESTIONS OR ADDITIONAL INFORMATION. If you have questions regarding this Agreement, or wish to obtain additional information, please contact us at: Grandstream Networks Inc., 126 Brookline Ave, 3rd Floor, Boston, MA 02215 USA and/or <https://helpdesk.grandstream.com/>.

Do you accept the license agreement?(y/n) **y**

06:28:38 Not asking for UNC because of an automated install  
06:28:38 Not asking for UNC because text mode was explicitly asked for in kickstart  
Starting automated install.Saving storage configuration...

- Wait for the installation to complete.

## Step 5. Change the IP address of SoftwareUCM

Once SoftwareUCM is installed, it will use a **DHCP IP address** by default. If you prefer to assign a different IP address or if your network does not support DHCP, follow these steps:

- Log in using the **support** user and set the password.

```
SoftwareUCM 1.0.1.4
Kernel 5.14.0-427.13.1.el9_4.x86_64 on an x86_64

SoftwareUCM login: support_
```

```
Please set password for user "support" (Supports 8-32 letters, digits or special characters).
New Password:
Retype new password:
Password configured successfully.
```

- Navigate to **SoftwareUCM Management > List SoftwareUCMs** to view the current instance information.

```
Please enter select:
[1] List SoftwareUCMs.
[2] Create SoftwareUCM.
[3] Delete SoftwareUCM.
[4] Restart SoftwareUCM.
[5] Network Settings.
[6] Show Resource Usage.
[7] Change Resource Limit.
[8] Reset Factory Password.
[9] Factory Reset.
[0] Exit.
1

Current Mode: Single Tenant

SoftwareUCM Information:
  Instance Name: ucm1
  Status: initializing
  Version: 1.0.27.15
  Admin Portal:
  Initial Username: admin
  Initial Password: SoftUCM@admin
```

- Wait until the status of the instance becomes **Running**.

```

Please enter select:
[1] List SoftwareUCMs.
[2] Create SoftwareUCM.
[3] Delete SoftwareUCM.
[4] Restart SoftwareUCM.
[5] Network Settings.
[6] Show Resource Usage.
[7] Change Resource Limit.
[8] Reset Factory Password.
[9] Factory Reset.
[0] Exit.
1

Current Mode: Single Tenant

SoftwareUCM Information:
  Instance Name: ucml
  Status: running
  Version: 1.0.27.15
  Admin Portal:
  Initial Username: admin
  Initial Password: SoftUCM@admin

```

- Select **Network Settings** to change the IP address.

```

Please enter select:
[1] List SoftwareUCMs.
[2] Create SoftwareUCM.
[3] Delete SoftwareUCM.
[4] Restart SoftwareUCM.
[5] Network Settings.
[6] Show Resource Usage.
[7] Change Resource Limit.
[8] Reset Factory Password.
[9] Factory Reset.
[0] Exit.
5

When using Single Tenant mode, modifying the SoftwareUCM instance's network will also affect the host's. Do you want to continue?
[y/n] y

Please enter SoftwareUCM instance name:
ucml

Please enter the IP assignment method:
[1] DHCP.
[2] Static.
[0] Exit.
2

Please enter IP address:
192.168.130.159
Please enter netmask:
255.255.255.0
Please enter gateway:
192.168.130.1
Please enter DNS server:
8.8.8.8

Configuring the network.
Configured the network successfully.

Waiting for SoftwareUCM instance initialization to complete.
The SoftwareUCM instance ucml is already accessible.

Please enter select:
[1] List SoftwareUCMs.
[2] Create SoftwareUCM.
[3] Delete SoftwareUCM.
[4] Restart SoftwareUCM.
[5] Network Settings.
[6] Show Resource Usage.
[7] Change Resource Limit.
[8] Reset Factory Password.

```

- After the instance is initialized, go to **List SoftwareUCMs** again to view the updated access information.

```

Please enter select:
[1] List SoftwareUCMs.
[2] Create SoftwareUCM.
[3] Delete SoftwareUCM.
[4] Restart SoftwareUCM.
[5] Network Settings.
[6] Show Resource Usage.
[7] Change Resource Limit.
[8] Reset Factory Password.
[9] Factory Reset.
[0] Exit.
1

Current Mode: Single Tenant

SoftwareUCM Information:
  Instance Name: ucml
  Status: running
  Version: 1.0.27.15
  Admin Portal: https://192.168.130.159:8089
  Initial Username: admin
  Initial Password: SoftUCM@admin

```

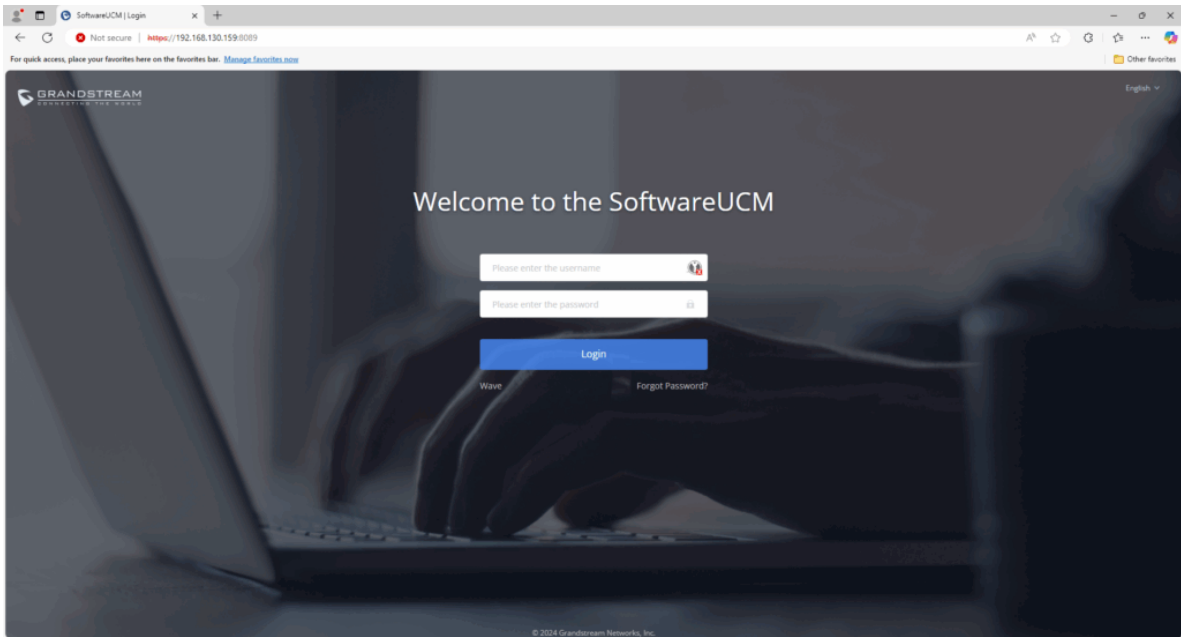
## Results

SoftwareUCM is installed successfully.

To access it:

- Open a web browser.

- Enter the **Admin Portal URL** of the SoftwareUCM instance in the address bar.
- Press **Enter**.



**Need Support?**

Can't find the answer you're looking for? Don't worry we're here to help!

[CONTACT SUPPORT](#)