

Grandstream Networks, Inc.

SoftwareUCM – Disk Expansion – VMware Workstation



Introduction

The SoftwareUCM disk expansion is a crucial configuration for users needing to have more space for storage, the storage can be elated to store recorded video and audio calls, as well as storing troubleshooting and debugging files, the disk expansion upgrade process in this guide will be done on the VMware workstation.

VMware Workstation is a powerful desktop virtualization software that allows users to run multiple operating systems on a single machine. It's primarily used for testing, development, and running virtual machines (VMs) for various purposes like software testing, network configuration, or learning. In disk expansion, VMware Workstation can allocate more disk space to a VM by expanding the virtual disk through its settings and using disk management tools within the guest OS.

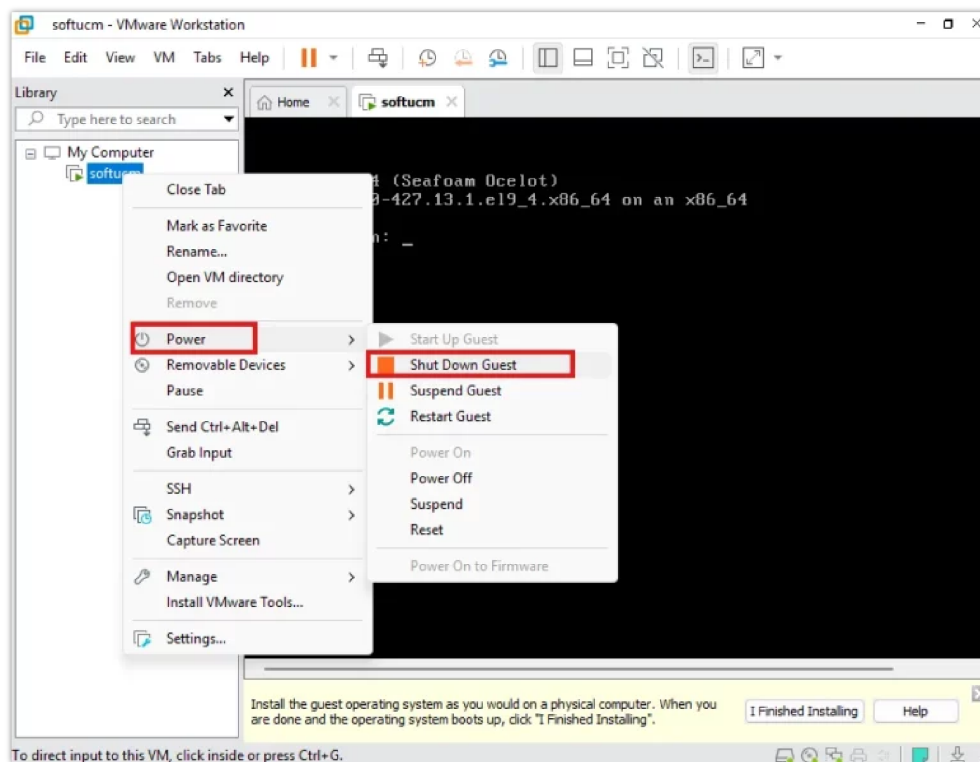
In this guide, we will configure expanding the memory of the SoftwareUCM solution on the VMWare Workstation.

Disk Expansion Configuration

Increase Disk Size on VMware Workstation

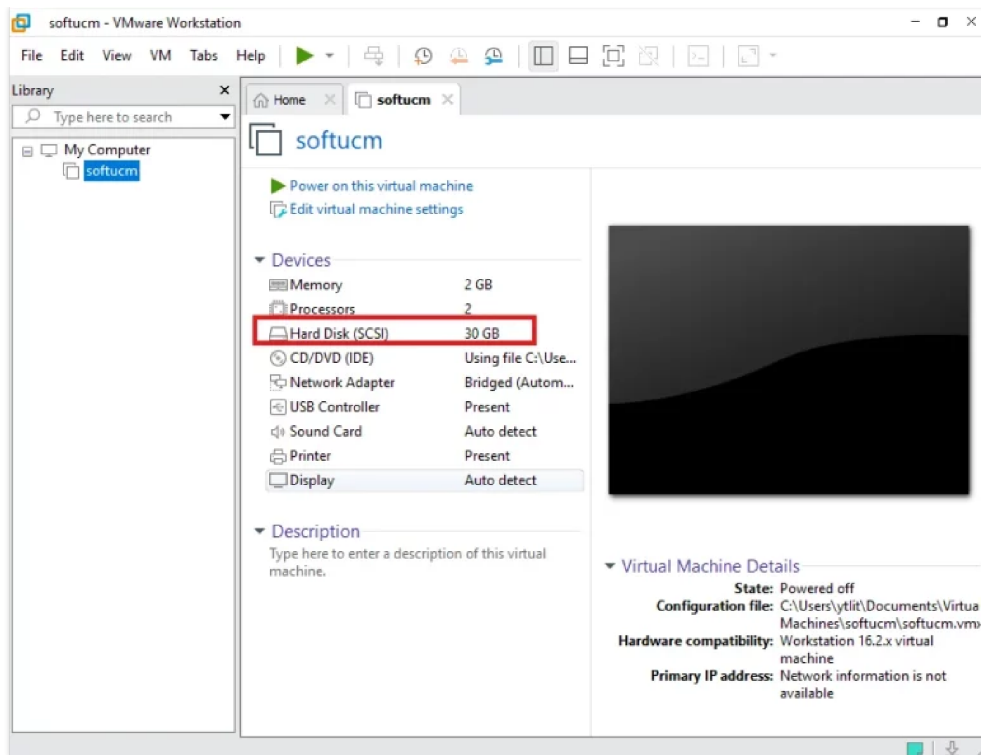
On your VMware Workstation, please apply the following to expand disk space:

- Right-click the SoftwareUCM Virtual machine, Click **Power** → **Shut Down Guest**, to shut down the virtual machine



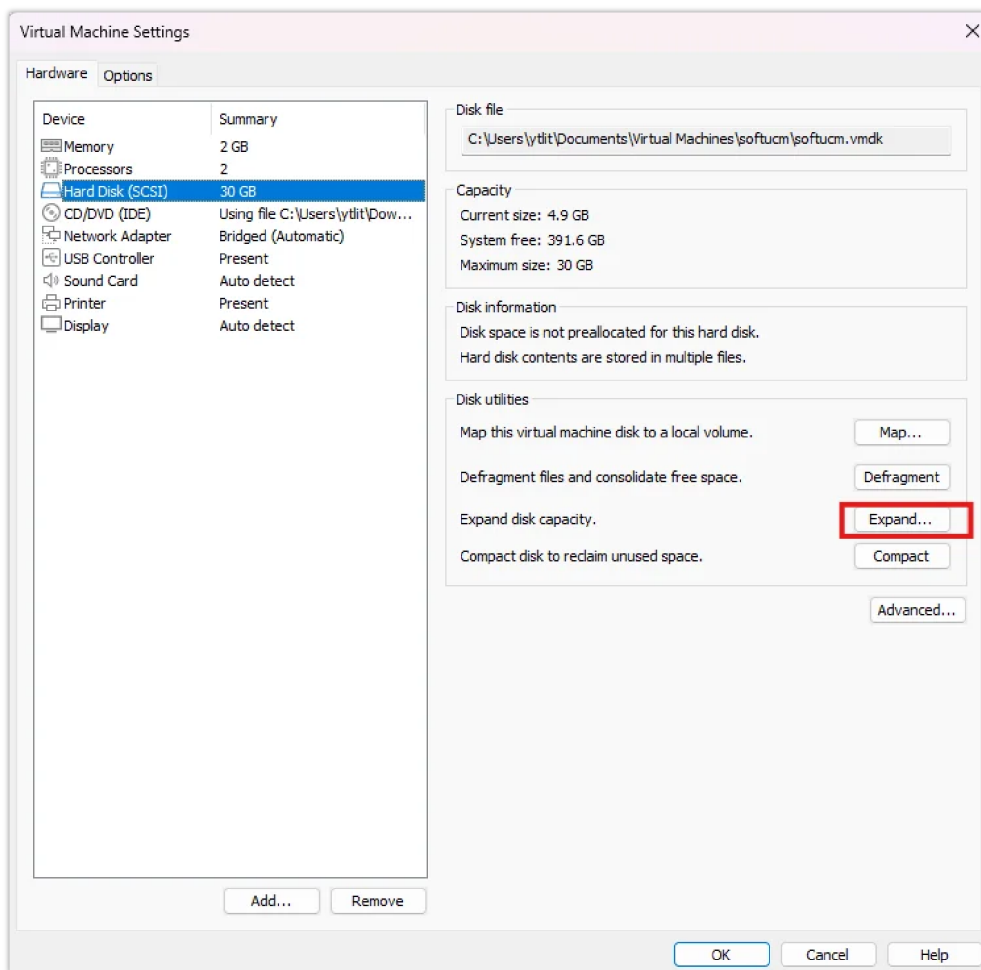
Shut Down Virtual Machine

- Once the shutdown is completed, Click on **Hard Disk**, as highlighted below:



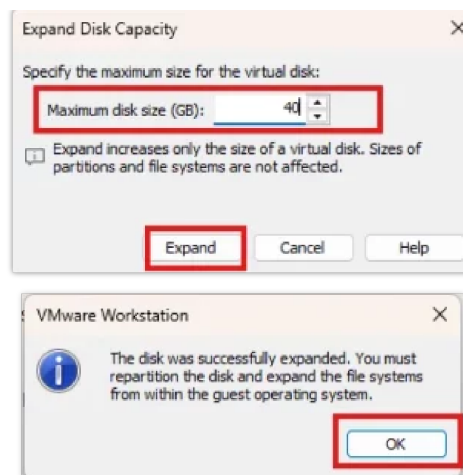
Hard Disk Settings

- Click on **Expand**.



Expand

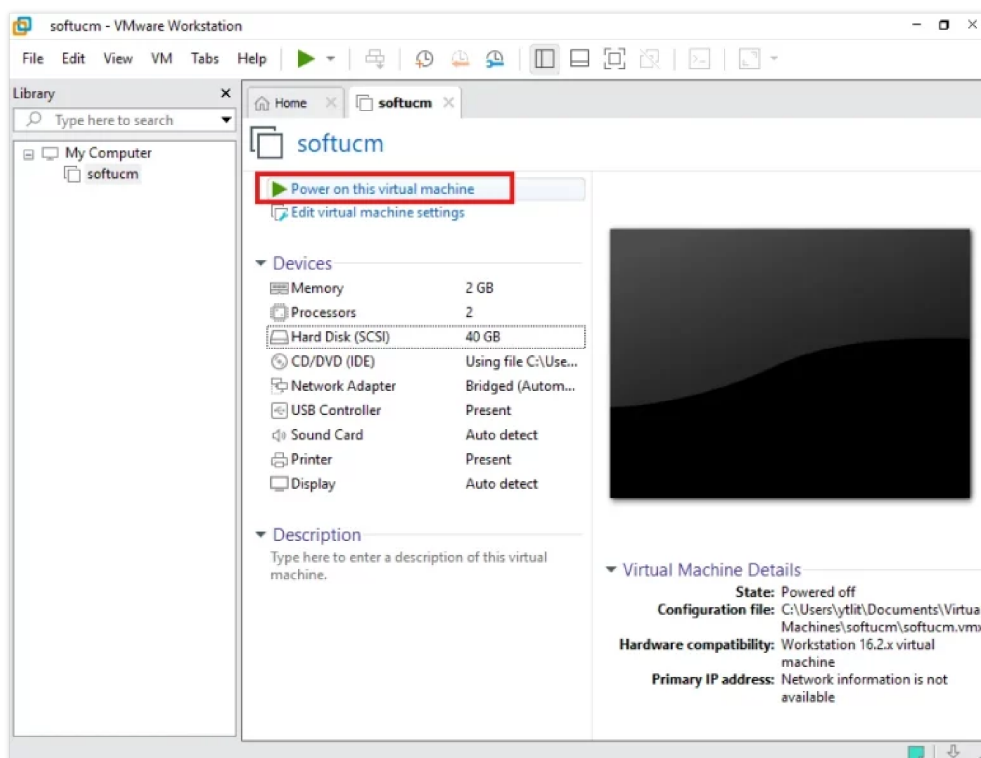
- Set the disk size you would like to configure, then click on **Expand**.



Disk successfully Expanded

Expand the Partition in The Virtual Machine

1. Start the SoftwareUCM virtual machine.



Power on Virtual Machine

2. Log in with the credentials of the user "support"

```
AlmaLinux 9.4 (Seafoam Ocelot)
Kernel 5.14.0-427.13.1.el9_4.x86_64 on an x86_64

SoftwareUCM login: support
Password:
Last login: Mon Dec 30 07:00:05 on tty1

Please enter select:
[1] SoftwareUCM Management.
[2] System Information.
[3] System Settings.
[4] Maintenance.
[5] API Configuration.
[0] Exit.
```

User Support Credentials

3. In single-tenant mode, wait for the instance to be initialized, then select **SoftwareUCM Management** → **List SoftwareUCMs** to view the instance status.

```

Please enter select:
(1) SoftwareUCM Management.
(2) System Information.
(3) System Settings.
(4) Maintenance.
(5) API Configuration.
(0) Exit.
1

Please enter select:
(1) List SoftwareUCMs.
(2) Create SoftwareUCM.
(3) Delete SoftwareUCM.
(4) Restart SoftwareUCM.
(5) Network Details.
(6) Network Settings.
(7) Show Resource Usage.
(8) Change Resource Limit.
(9) Reset Factory Password.
(10) Factory Reset.
(11) Modify Remark.
(12) Disk Management.
(13) Migrate SoftwareUCM.
(0) Exit.
1

Current Mode: Single Tenant

SoftwareUCM Information:
Instance Name: ucm1
Remark:
Status: running
Version: 1.0.32.4
Admin Portal: https://172.16.138.163:8089
Initial Username: admin
Initial Password: SoftUCM@admin

```

List SoftwareUCM Instances

4. Select **Maintenance** → **Disk Expansion** to expand the partition. Ensure you are logged in as the “support” user.

```

Please enter select:
(1) SoftwareUCM Management.
(2) System Information.
(3) System Settings.
(4) Maintenance.
(5) API Configuration.
(0) Exit.
4

Please enter select:
(1) List SoftwareUCMs.
(2) Create SoftwareUCM.
(3) Delete SoftwareUCM.
(4) Restart SoftwareUCM.
(5) Network Details.
(6) Network Settings.
(7) Show Resource Usage.
(8) Change Resource Limit.
(9) Reset Factory Password.
(10) Factory Reset.
(11) Modify Remark.
(12) Disk Management.
(13) Migrate SoftwareUCM.
(0) Exit.
12

Please enter select:
(1) List Disks.
(2) Disk Expansion (only for non-RAID mount points of virtual machines).
(0) Exit.
2

Please select a storage disk:
(1) VBOX HARDDISK: sda (/container 8B Avail/19.9GB Total).
(2) VBOX HARDDISK: sdb (/container1 19.9GB Avail/19.9GB Total).
2

```

Disk Expansion

5. Select the disk that requires expansion.

```

Please enter select:
(1) List Disks.
(2) Disk Expansion (only for non-RAID mount points of virtual machines).
(0) Exit.
2

Please select a storage disk:
(1) VBOX HARDDISK: sda (/container 8B Avail/19.9GB Total).
(2) VBOX HARDDISK: sdb (/container1 19.9GB Avail/19.9GB Total).
1

When using Single Tenant mode, expanding the disk will restart the SoftwareUCM instance. Do you want to continue?(y/n) y

Disk expansion success.

+-----+-----+-----+-----+-----+-----+-----+-----+
| Device | Model | State | Mounted on | Total | Avail | Allocation details |
+-----+-----+-----+-----+-----+-----+-----+-----+
| sda | VBOX HARDDISK | Active | /container (default) | 29.9GB | 8B | firmware(844.3MB) ucm1(19.8GB) |
| sdb | VBOX HARDDISK | Active | /container1 | 19.9GB | 19.9GB | |
+-----+-----+-----+-----+-----+-----+-----+-----+

Restarted SoftwareUCM instance ucm1 successfully.

Waiting for SoftwareUCM instance initialization to complete.
The SoftwareUCM instance ucm1 is already accessible.

Instance Name: ucm1
Admin Portal: https://172.16.138.163:8089

```