

Install or Upgrade to ESXi 8.X on UCS C240 M6SX

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Introduction

This document describes the installation or Upgrade to ESXi 8.x on UCS 240 M6 Servers.

Prerequisites

ESXi - Operating System for VMWare
UCS - Unified Computing System
CIMC - Cisco Integrated Management Controller
vKVM - Virtual Keyboard Video Mouse
vDVD - Virtual DVD
ISO - ISO Image
UEFI - Unified Extensible Firmware Interface
EULA - End User License Agreement
VLAN - Virtual Local Area Network
IPV4 - Internet Protocol version 4

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on UCS C240 M6SX server.

Cisco Custom image filename = VMware-ESXi-8.0.U2-22380479-Custom-Cisco-4.3.2-c.iso

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Configure

Step 1. Download the Cisco Custom Image for [ESXi 8.x](#).

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VMware vSphere - Enterprise 8.0

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Search: cisco | 8.0 | 202627 | English

Product Name	Release ESXi	Release Level Info
Cisco Custom Image for ESXi 8.0U2 Install CD	8.0U2	207250
Cisco Custom Image for ESXi 8.0U1 Install CD	8.0U1	207232
Cisco Custom Image for ESXi 8.0 Install CD	8.0	207212

1 to 3 of 3 records

Broadcom Download Page

Step 2. From the CIMC page, click **Launch vKVM**.

Cisco Integrated Management Controller

admin@10.24.133.22 - C240-W2P26440VNX

Chassis / Summary

Refresh | Host Power | **Launch vKVM** | Ping | CIMC Reboot | Locator LED

Server Properties

Product Name: UCS C240 M6SX
 Serial Number: W2P26440VNX
 PID: UCSC-C240-M6SX
 UUID: 5704BF40-FCA2-45A0-92FD-F0DEB90B38D0
 BIOS Version: C240M
 Description:
 Asset Tag:

Cisco Integrated Management Controller (Cisco IMC) Information

Hostname: C240-W2P26440VNX
 IP Address: 10.88.159.81
 MAC Address: EC:F4:0C:33:BD:25
 Firmware Version: 4.3(2.230270)
 Current Time (UTC): Tue Jul 16 16:50:51 2024
 Local Time: Tue Jul 16 16:50:51 2024 UTC +0000 (Local)
 Timezone: UTC [Select Timezone](#)

Chassis Status

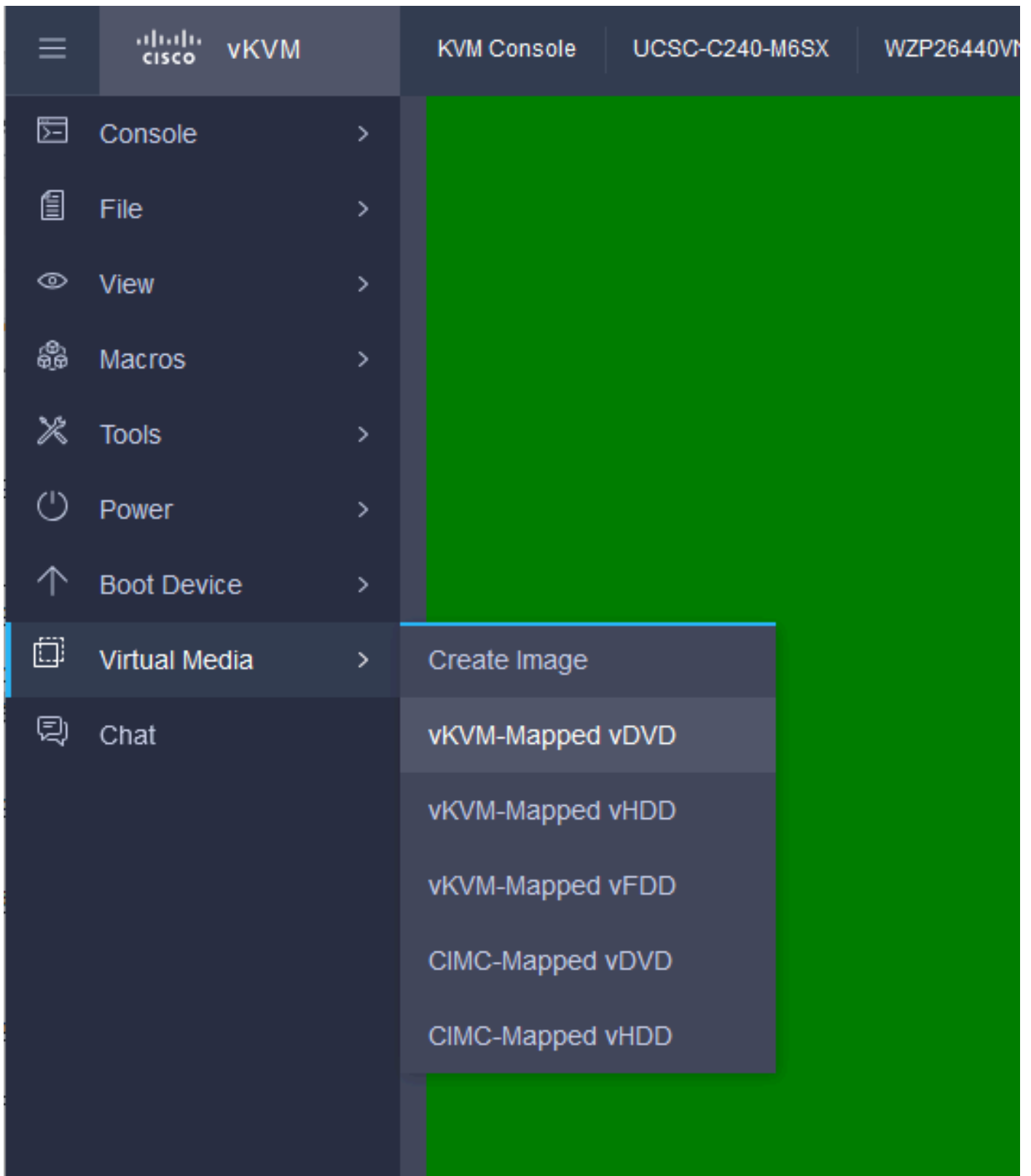
Power State: ● Off
 Post Completion Status: ● Not-Completed
 Overall Server Status: ▼ Moderate Fault
 Temperature: ✔ Good
 Overall DIMM Status: ✔ Good
 Power Supplies: ▼ Fault
 Fans: ✔ Good
 Locator LED: ● Off
 Overall Storage Status: ✔ Good

Server Utilization

Overall Utilization (%): N/A
 CPU Utilization (%): N/A
 Memory Utilization (%): N/A
 IO Utilization (%): N/A

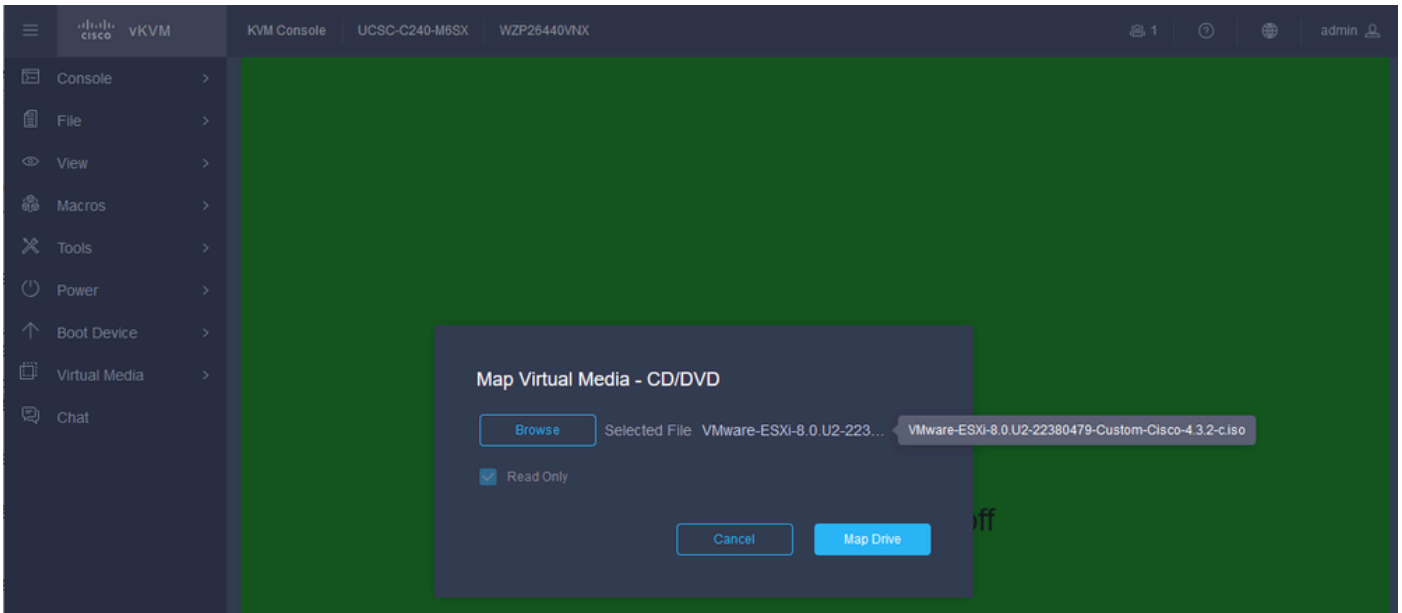
Launch the vKVM

Step 3. On the KVM page, click **Virtual Media > vKVM-Mapped vDVD**.



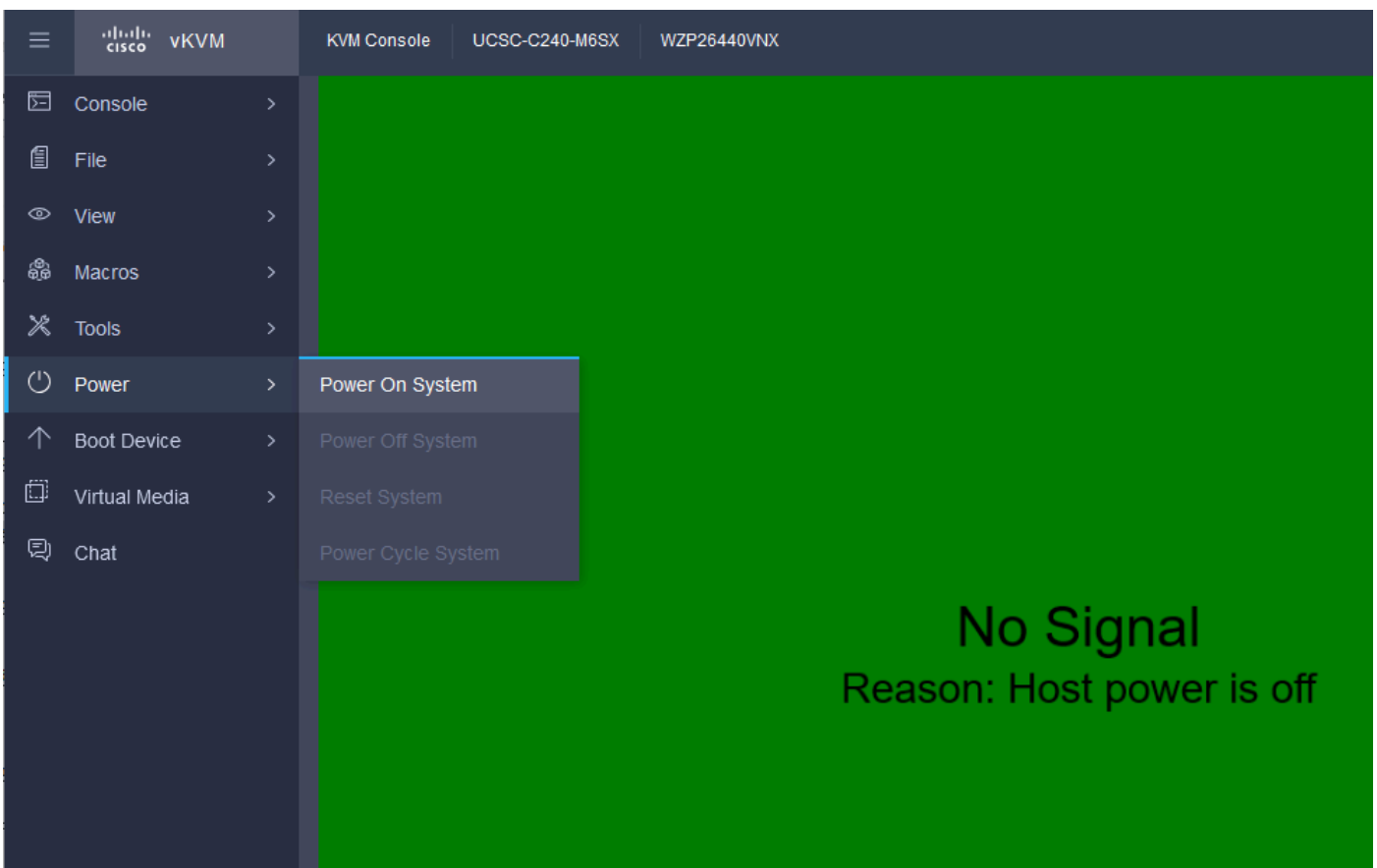
vKVM Mapped vDVD

Step 4. Browse and select the **ISO Image Previously Downloaded**.



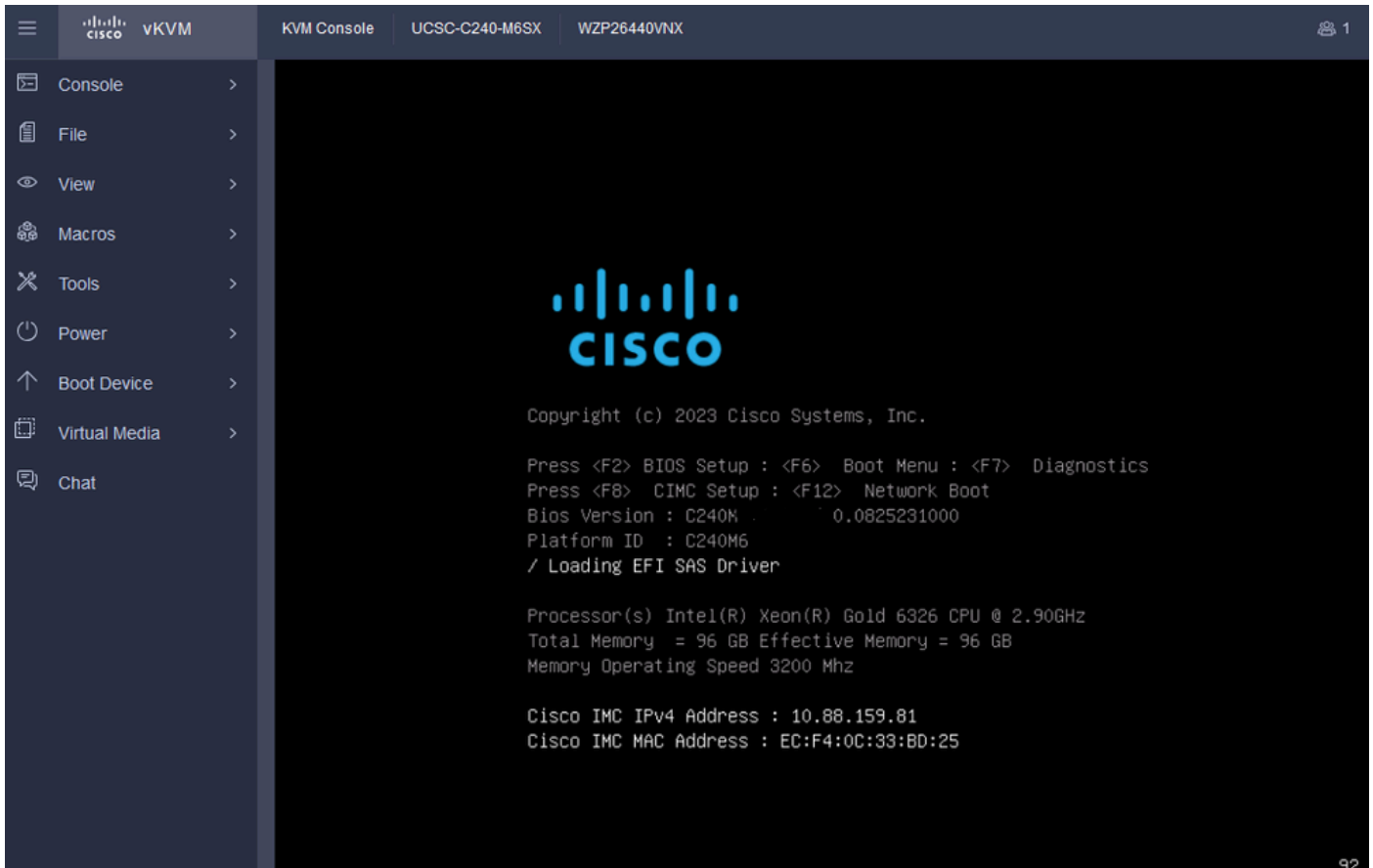
Map Virtual Media

Step 5. Click **Power > Power On System**.



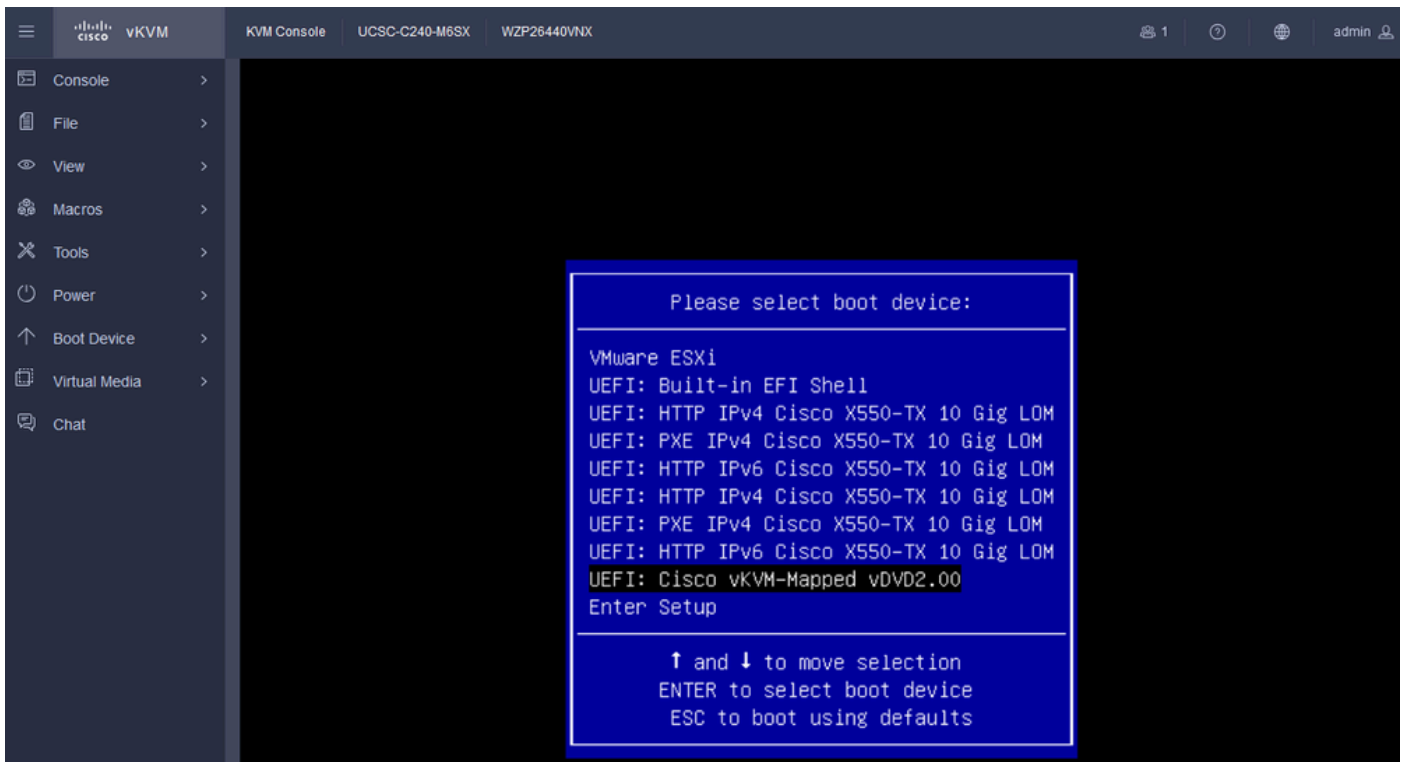
Power On

Step 6. When the server is booting, press **F6** to get the **Boot Menu**.



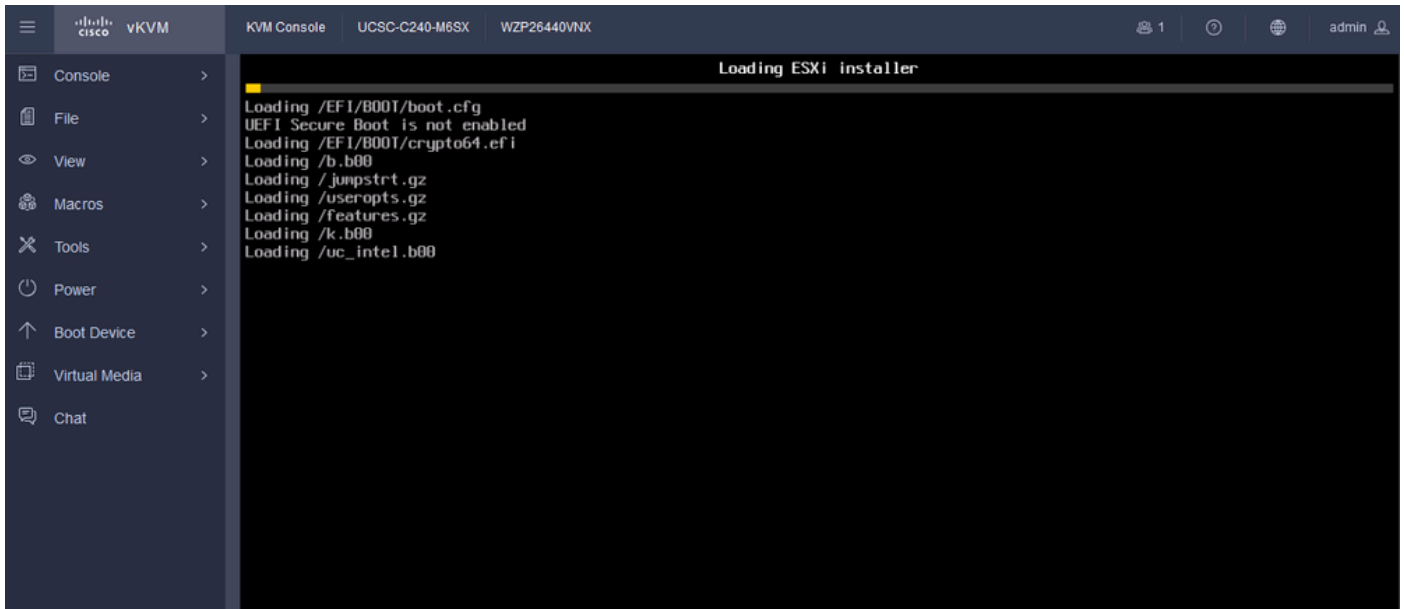
F6 for Boot Menu

Step 7. At the Boot Menu, select the UEFI: Cisco vKVM-Mapped vDVD2.00.



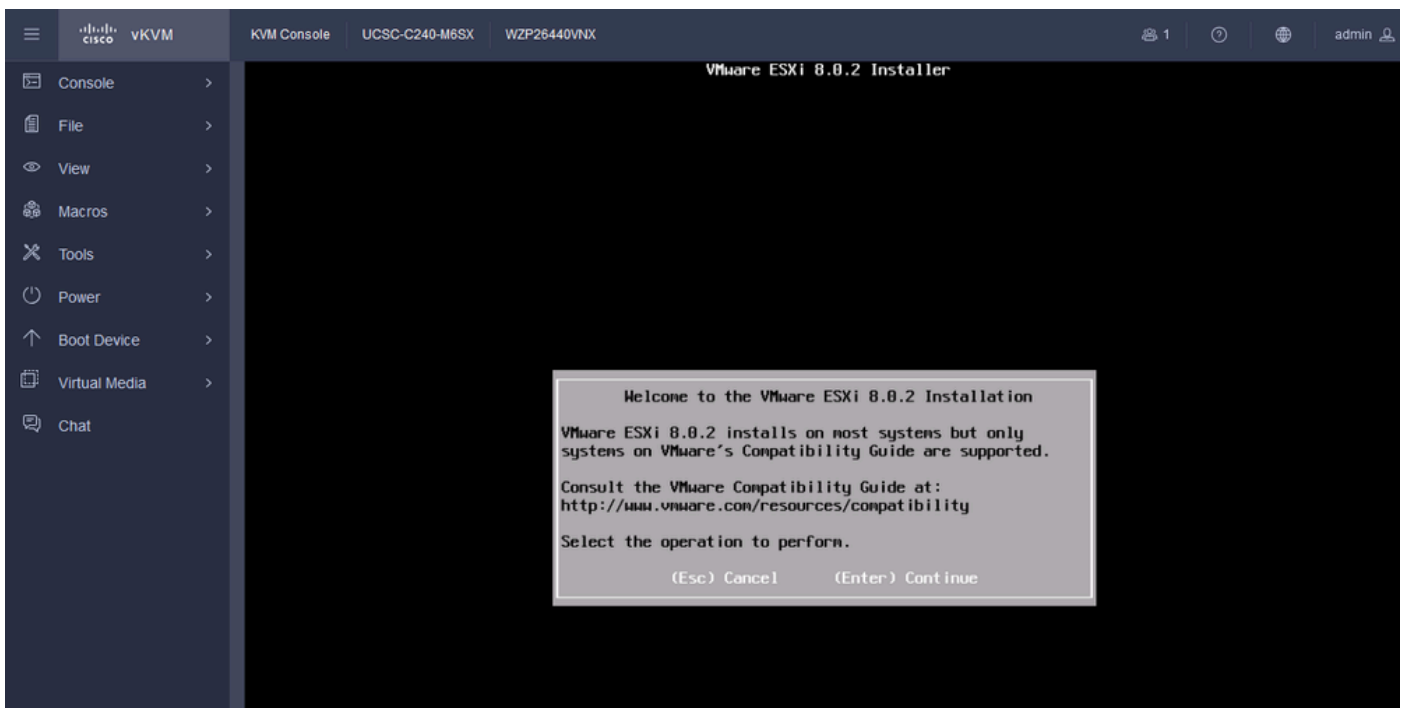
Select the vDVD

Step 8. After the selection, ESXi starts loading the Installer.



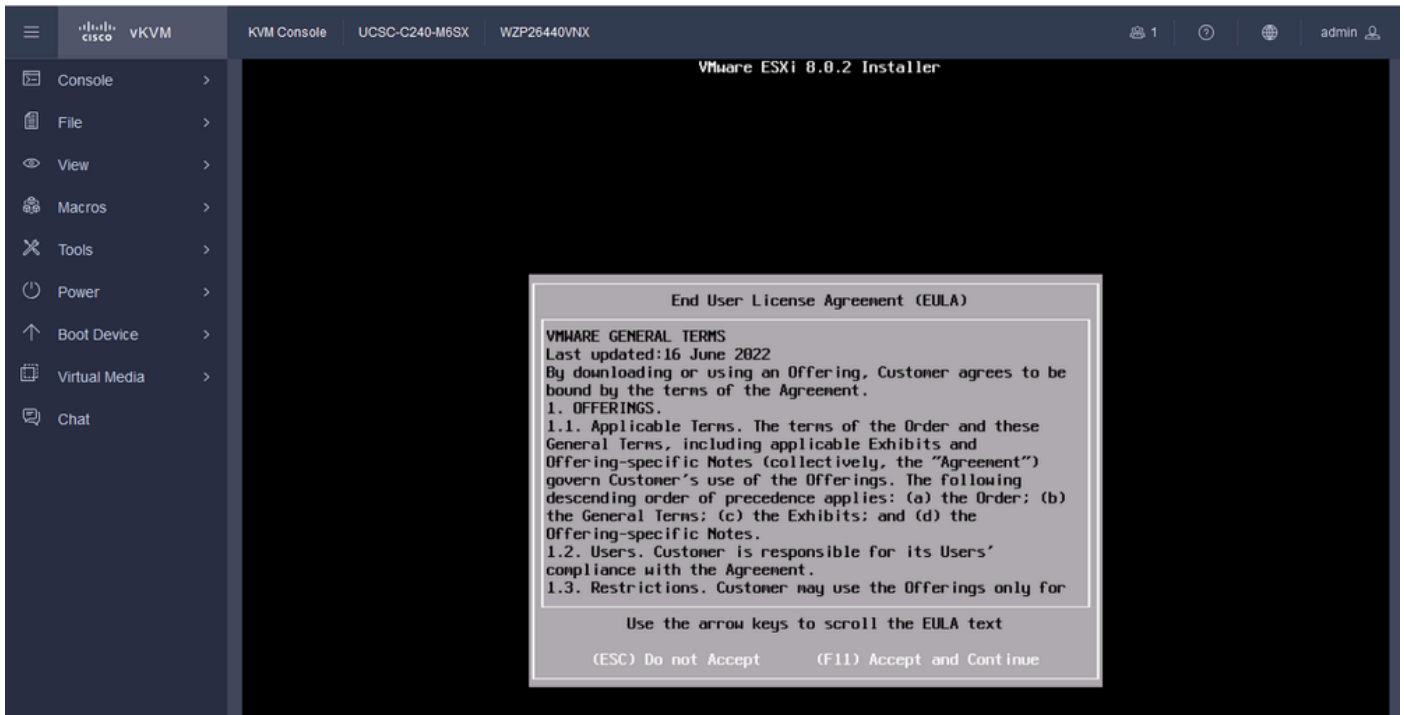
ESXi Installer

Step 9. You are presented with the ESXi Install Welcome Screen to Continue or Cancel. Press **Enter** to Continue.



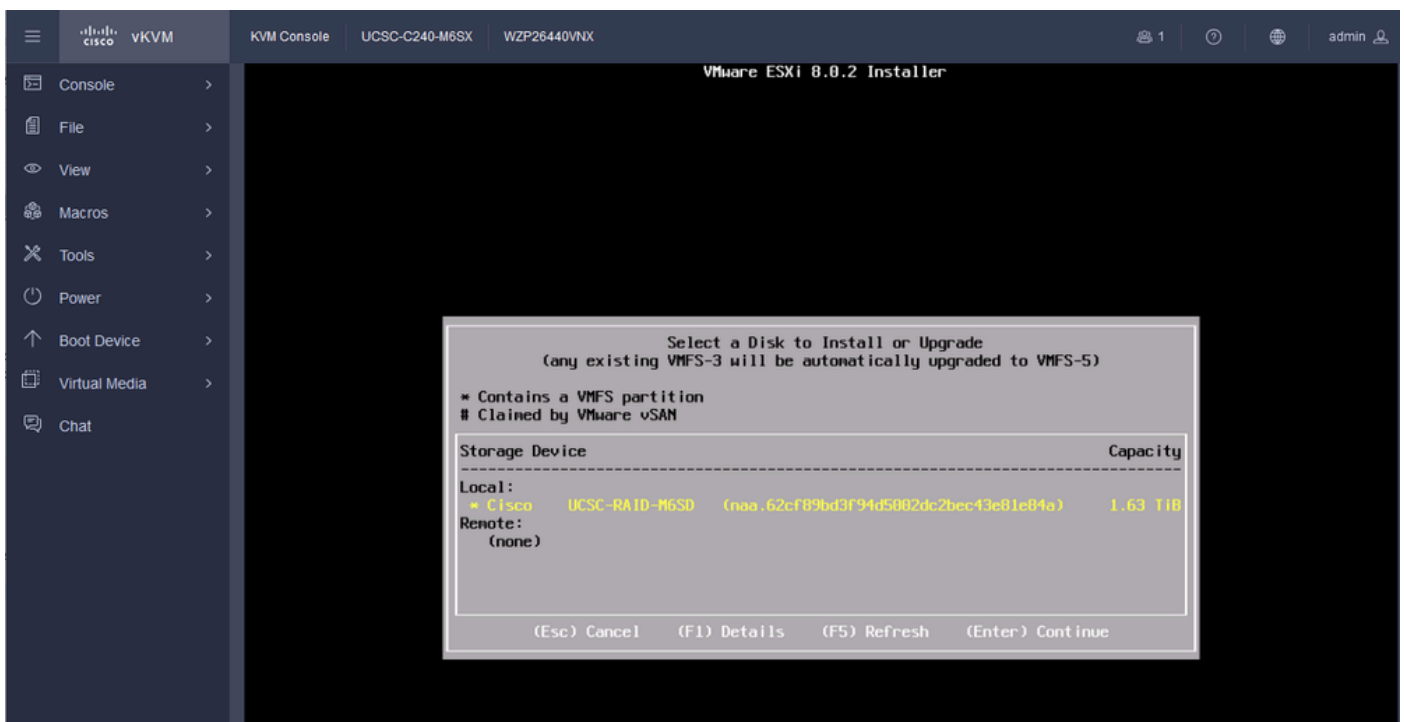
ESXi Welcome Screen

Step 10. After you continue, the EULA Screen is presented. Press **F11** to Accept.



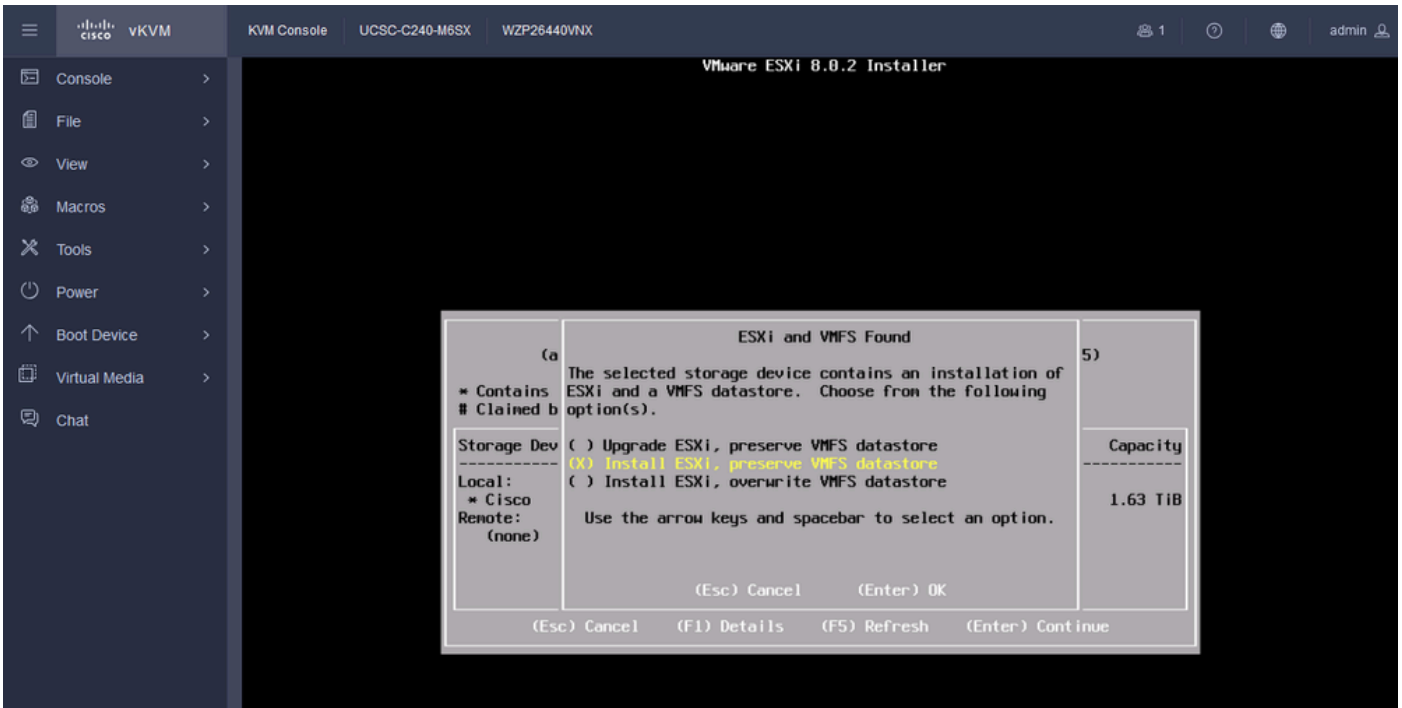
ESXi EULA Screen

Step 11. You are presented with the option to Select the Device to install the ESXi. Select the device and press **Enter**.



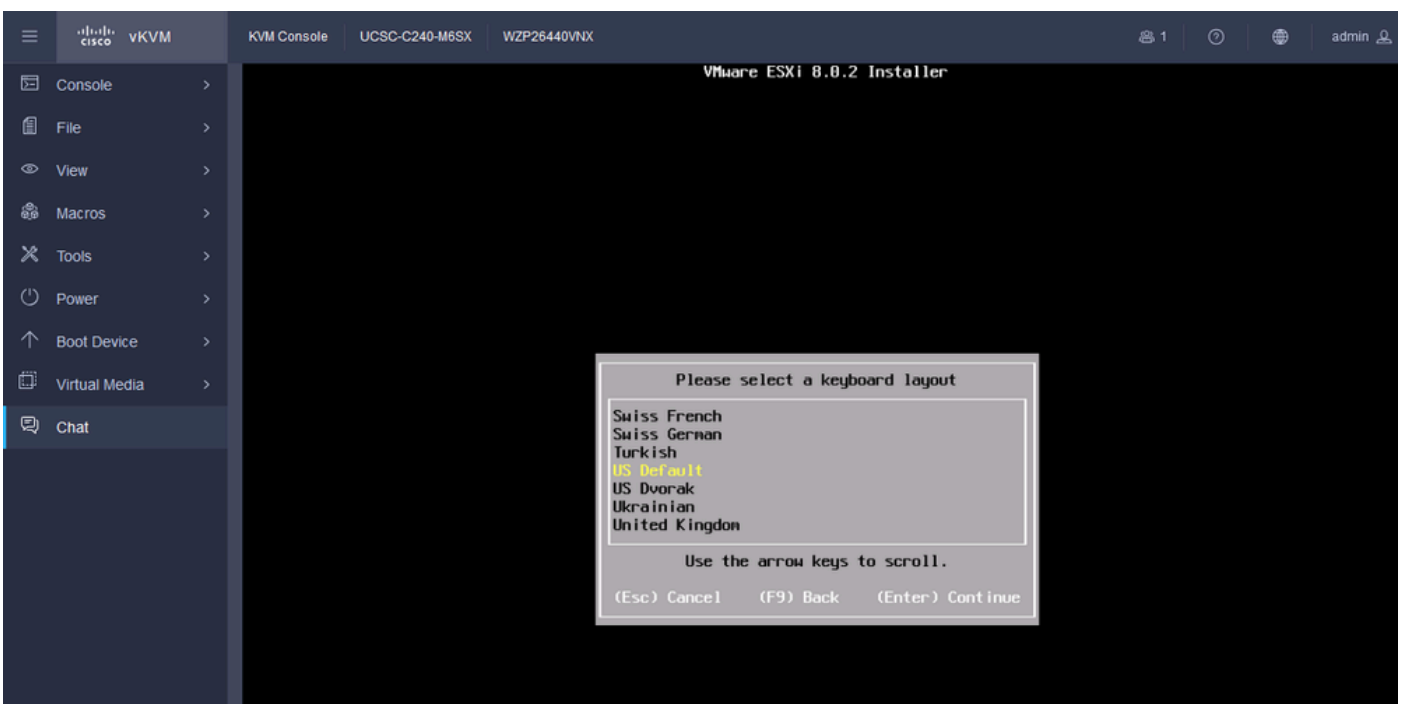
ESXi RAID Select

Step 12. Once the Device is selected, you are presented with the option to Install or Upgrade ESXi. Choose **Install** and press **Enter**.



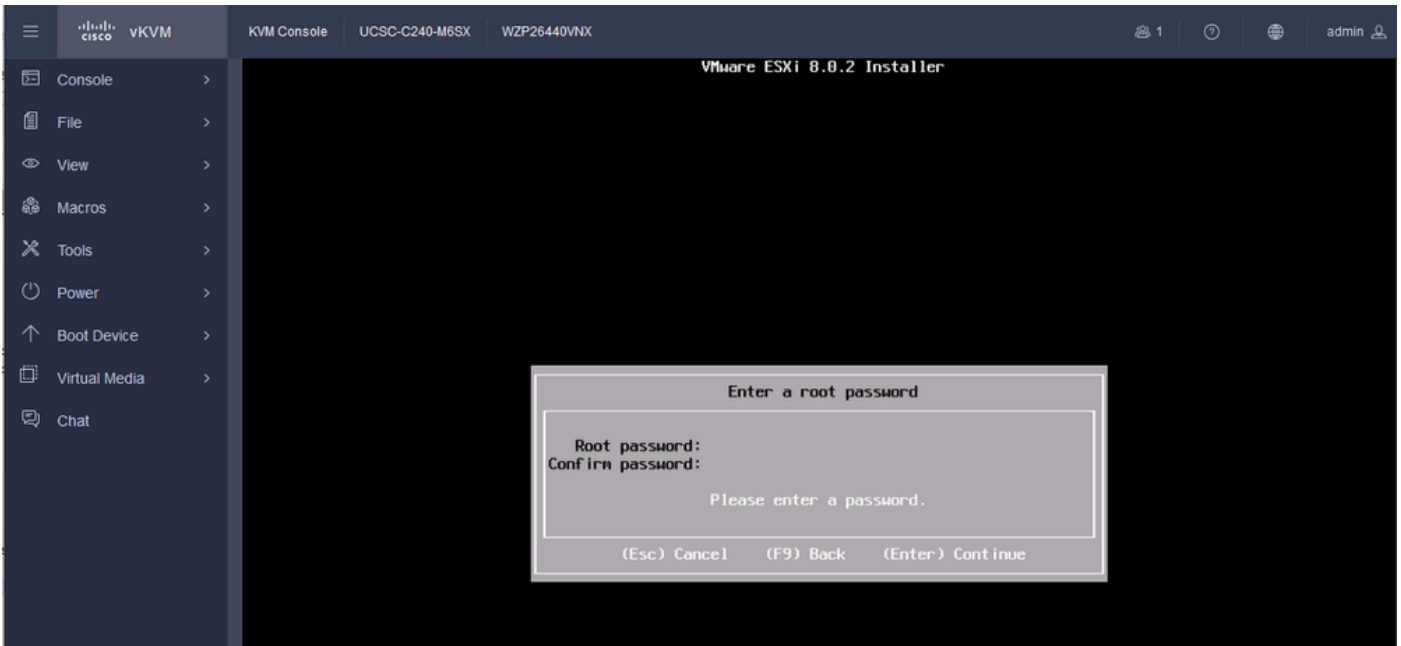
ESXi Install or Upgrade

Step 13. ESXi Install Keyboard Selection. Select your **Keyboard** Option and press **Enter**.



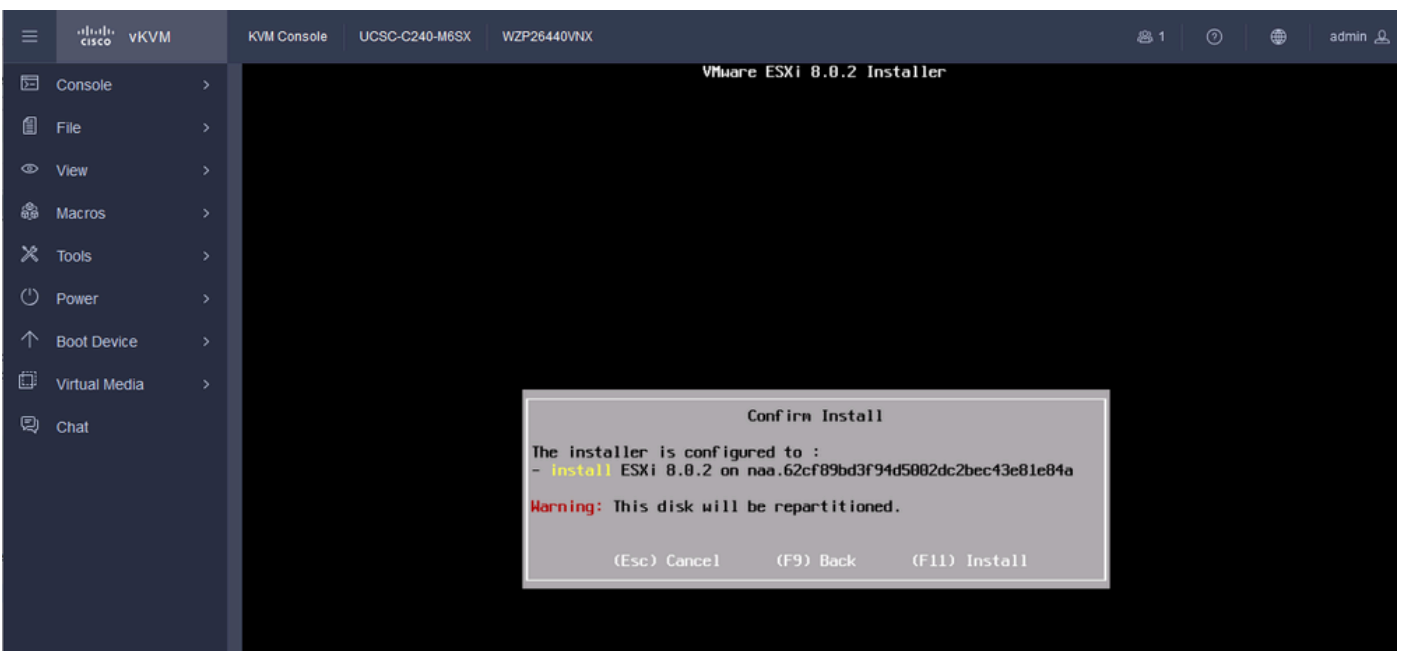
ESXi Keyboard Select

Step 14. You are prompted to Configure the ESXi Root Password. Enter the **Password** values, **Confirm** it, and press **Enter**.



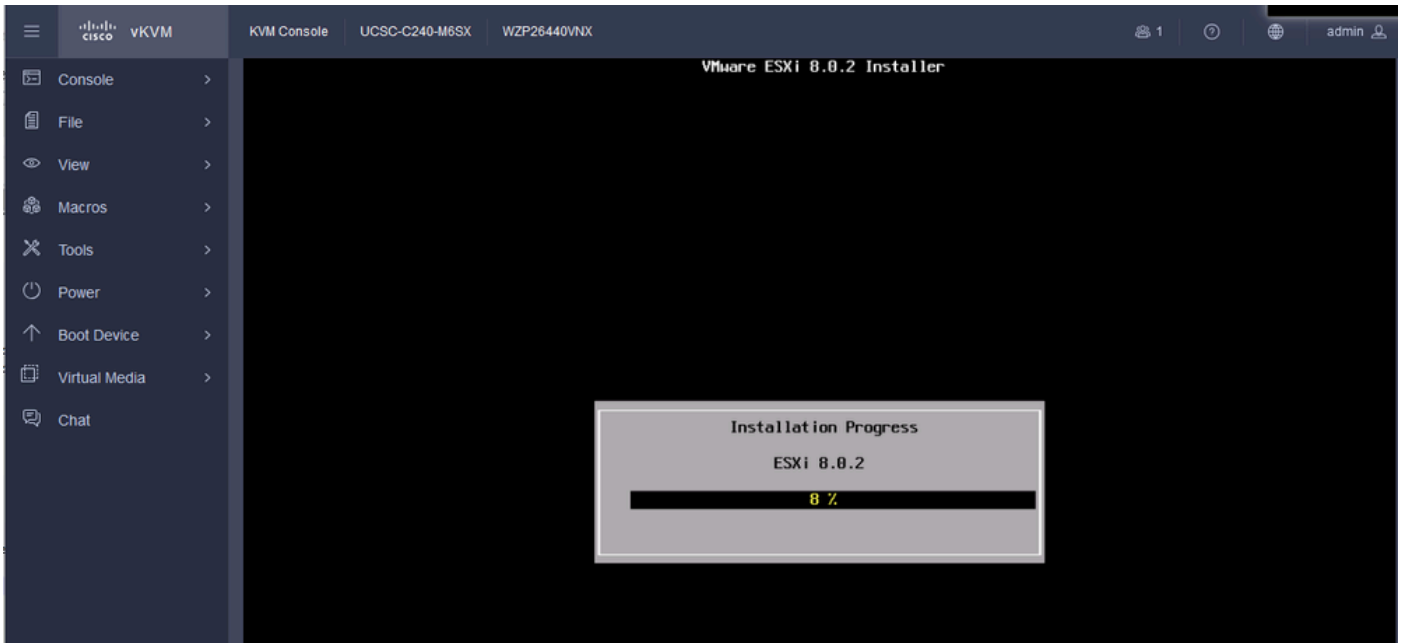
ESXi Password Config

Step 15. You Confirm the Install when you press **F11**.



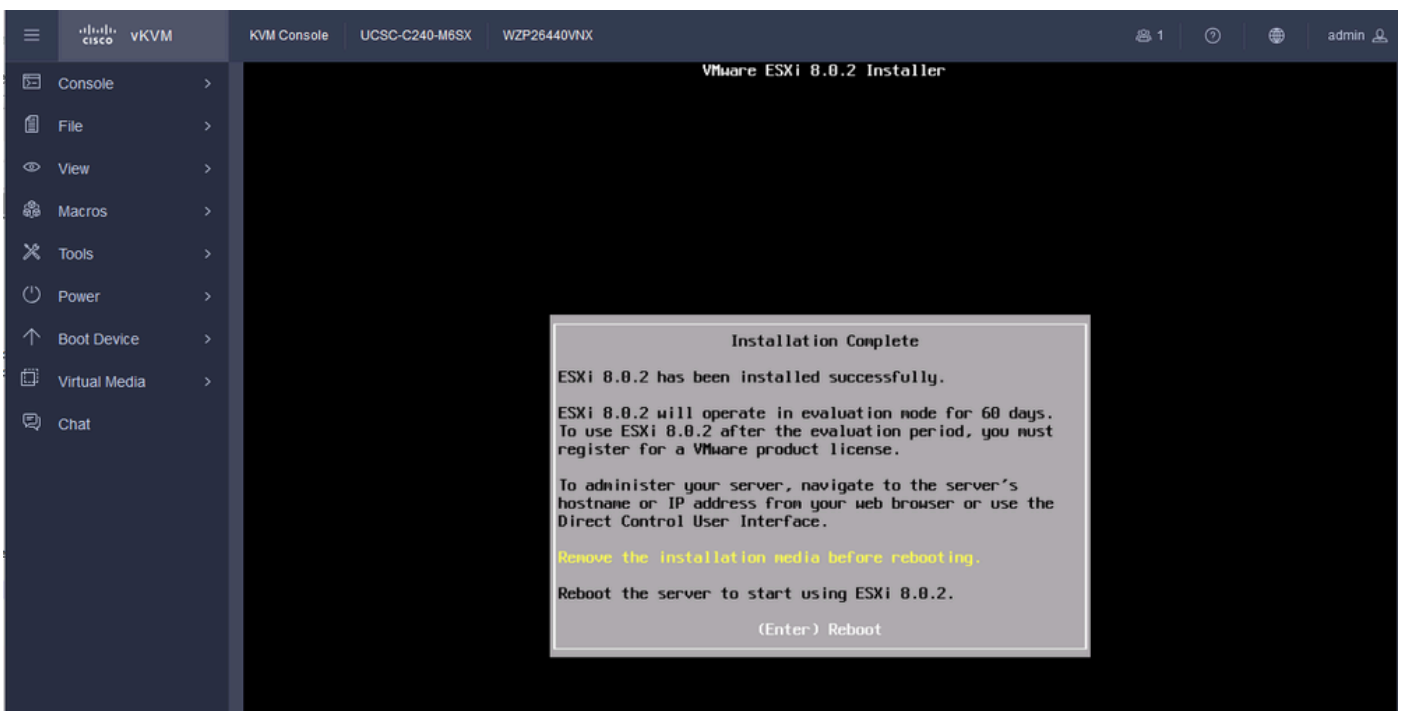
ESXi Confirm Install

Step 16. The install begins and shows in progress.



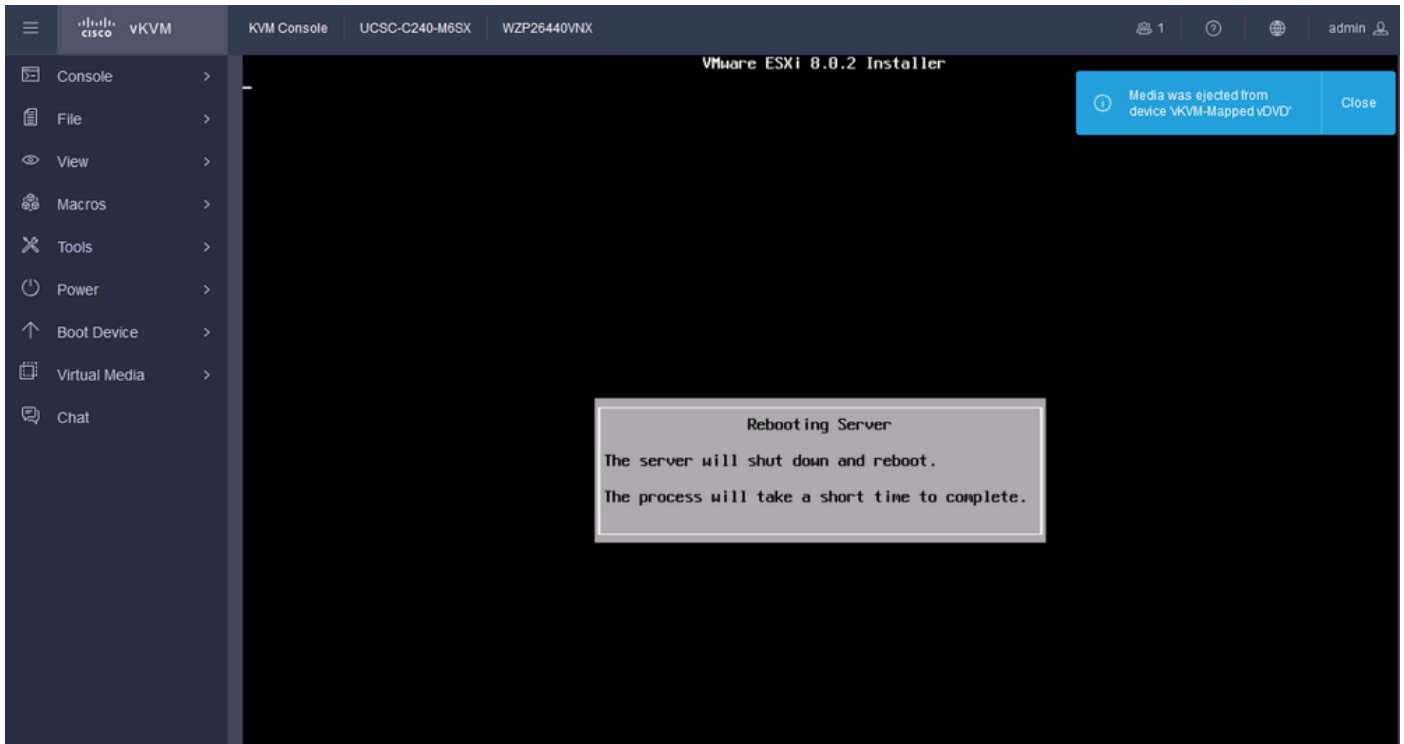
ESXi Install Progress

Step 17. The ESXi Install completes and you press **Enter** to reboot the Server.



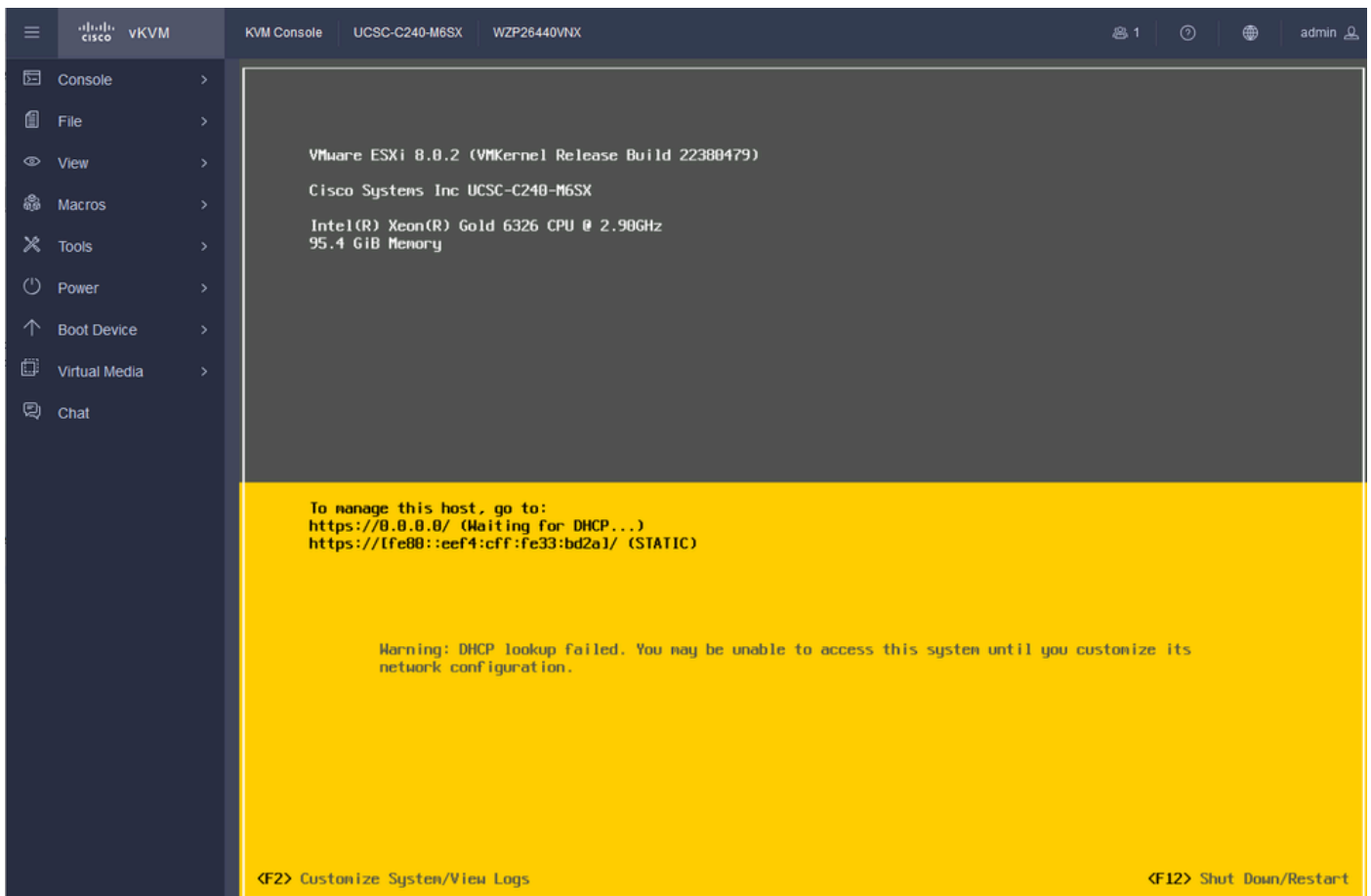
ESXi Install Complete

Step 18. ESXi Ejects the Virtual DVD and Reboots the Server to start for the first time.



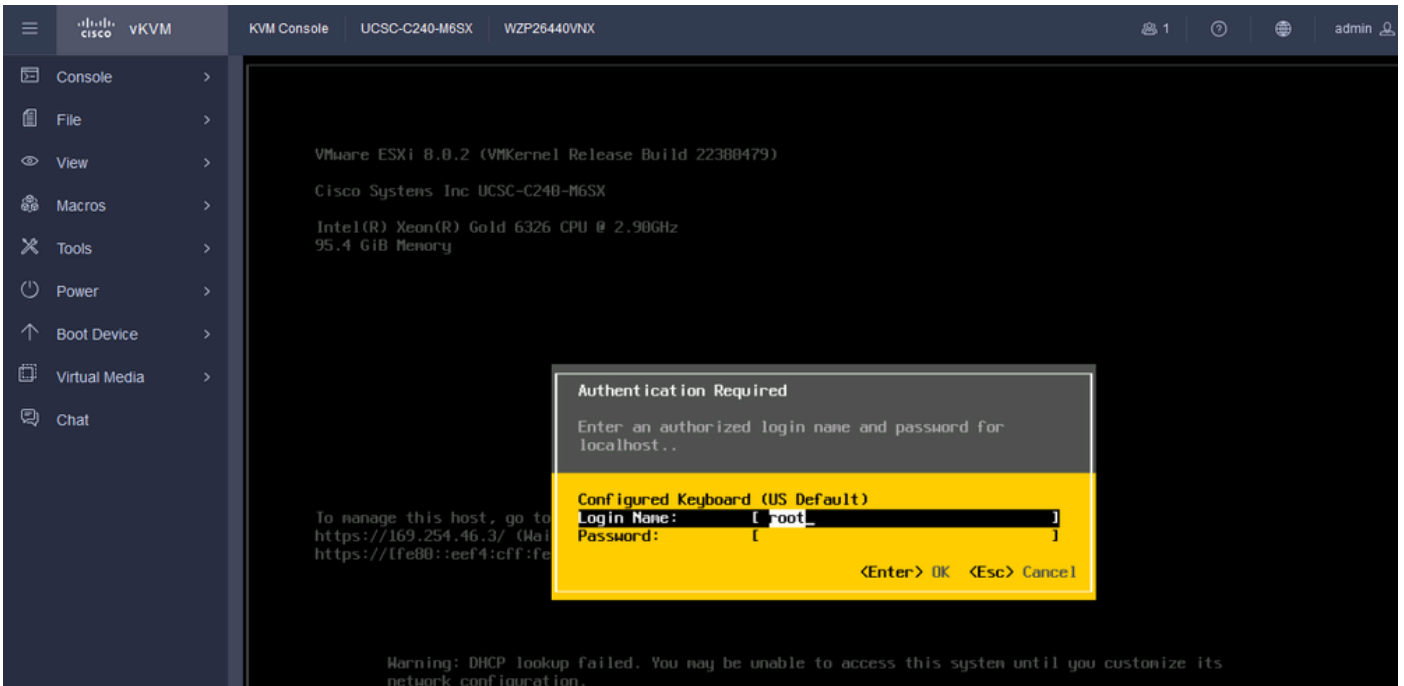
ESXi Server Reboot

Step 19. ESXi Initial Screen after Reboot. Press **F2** to Customize System.



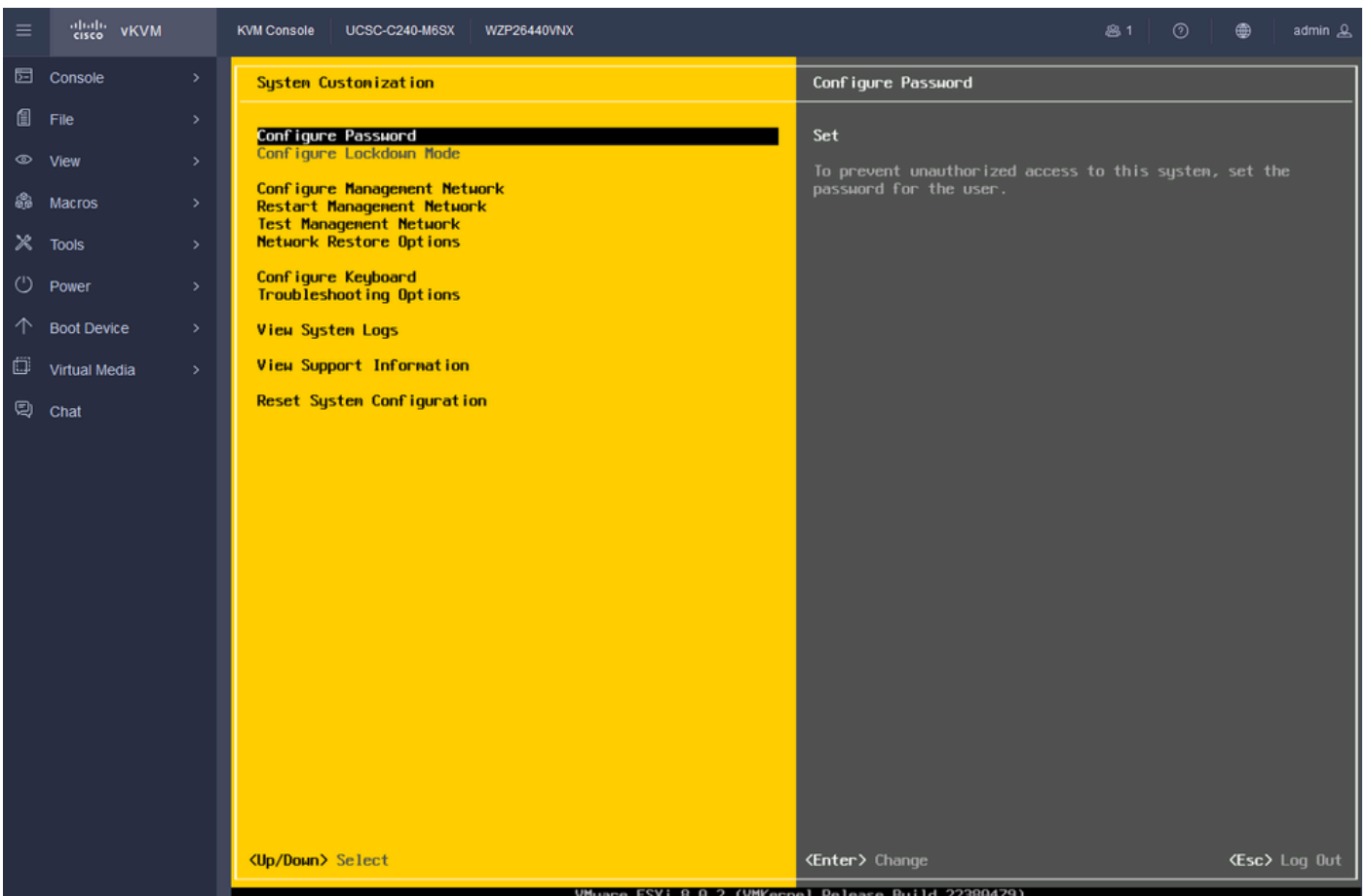
ESXi Initial Screen

Step 20. Enter the values to Log in. Password was created at Install.



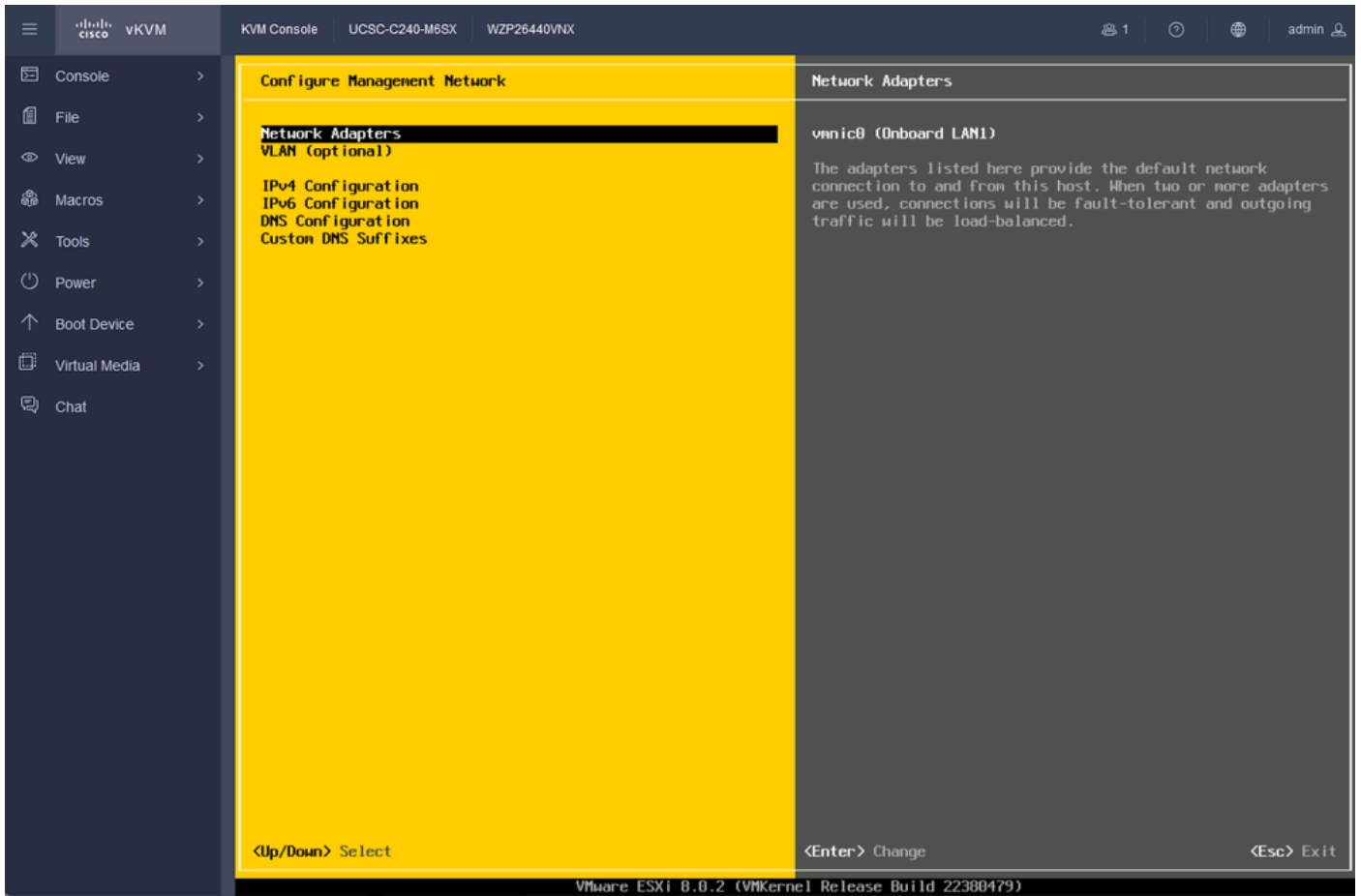
ESXi Log in Screen

Step 21. You are presented with the **System Customization**. Choose **Configure Management Network** and press **Enter**.



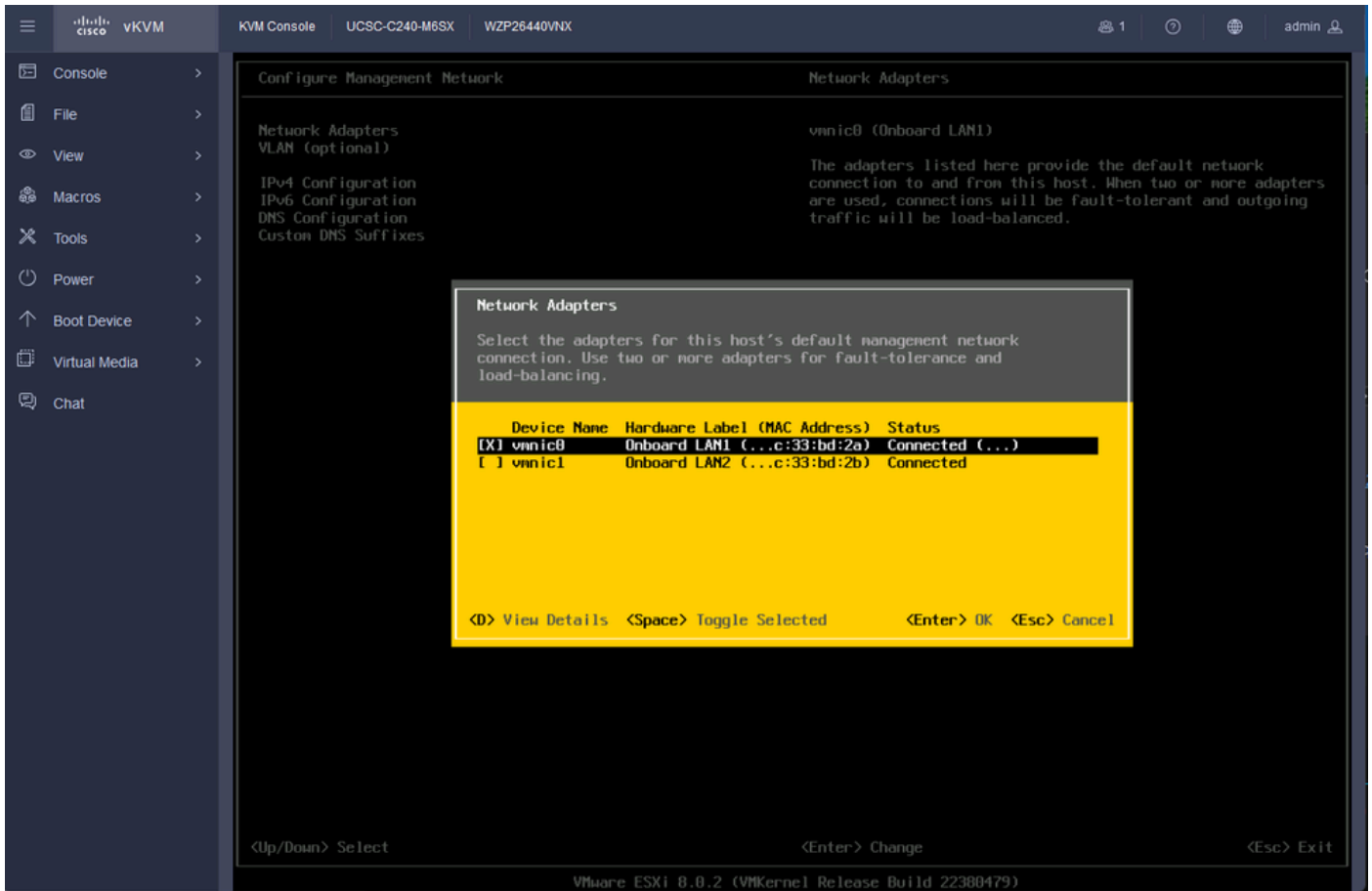
ESXi Configure Management

Step 22. Choose **Network Adapters** and Press **Enter**.



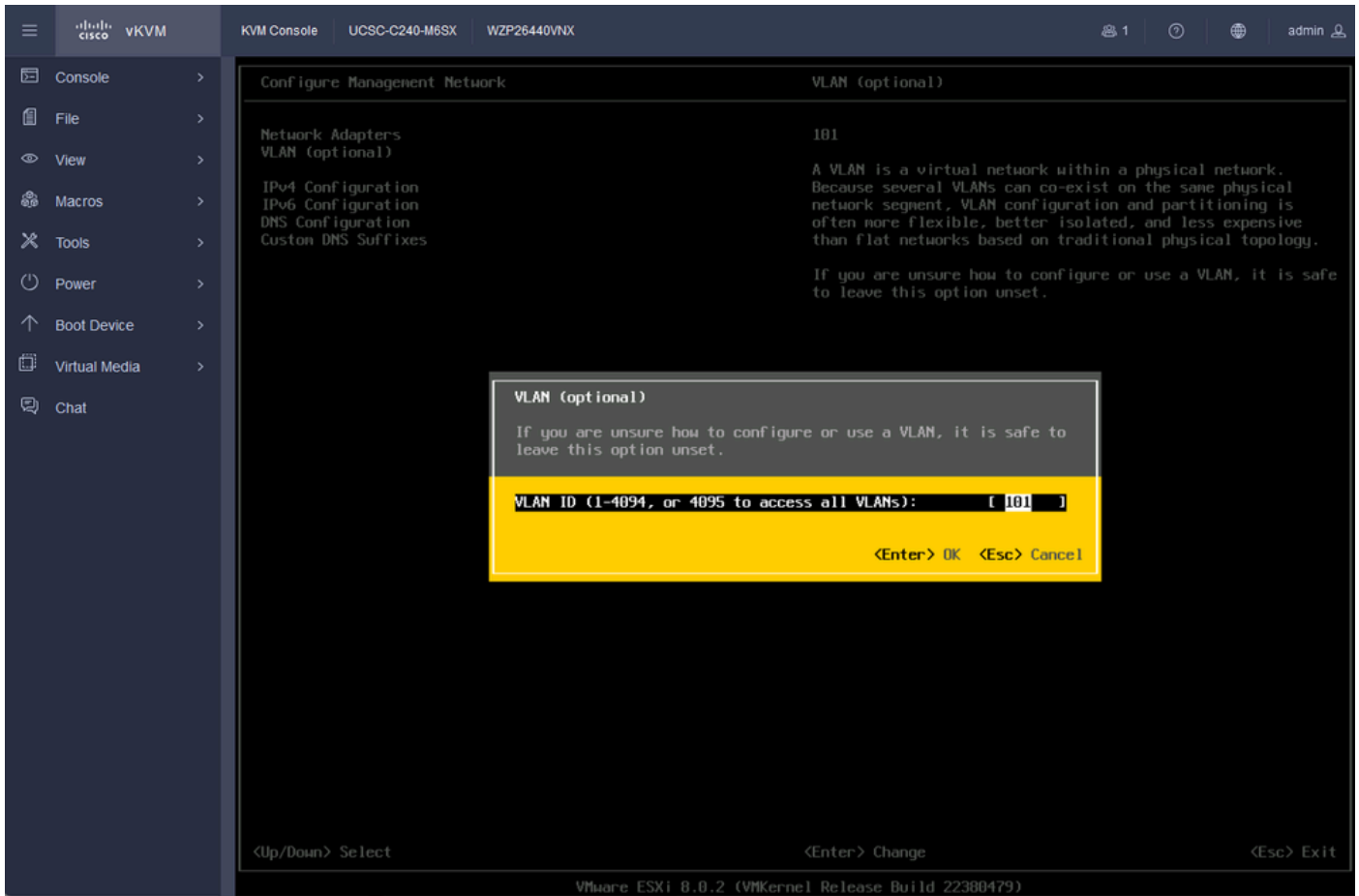
ESXi Management Configuration

Step 23. Select the **Network Adapter** for Management with the **Space Bar** and Press **Enter**.



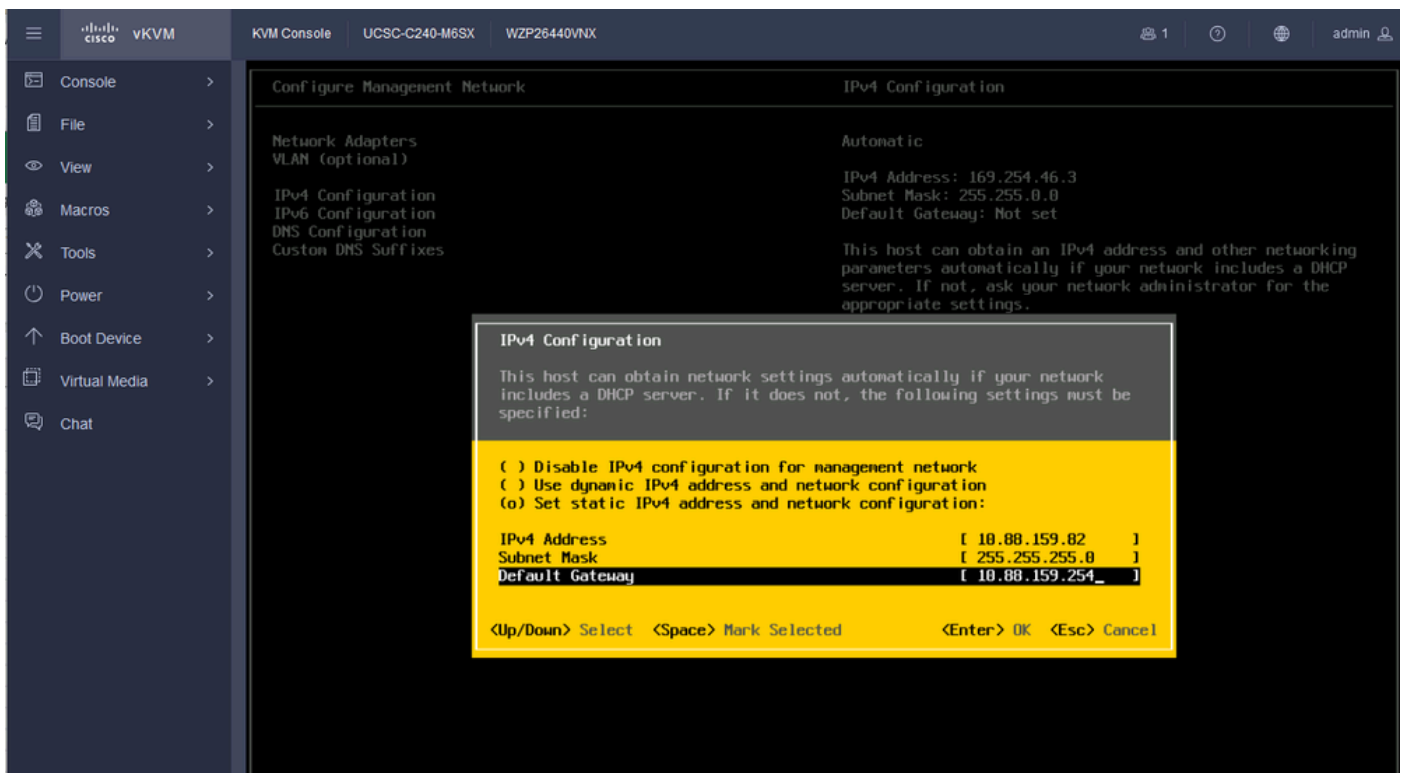
Network Adapter Selection

Step 24. Choose **VLAN (optional)** and **Enter the values** if required, and Press **Enter**.



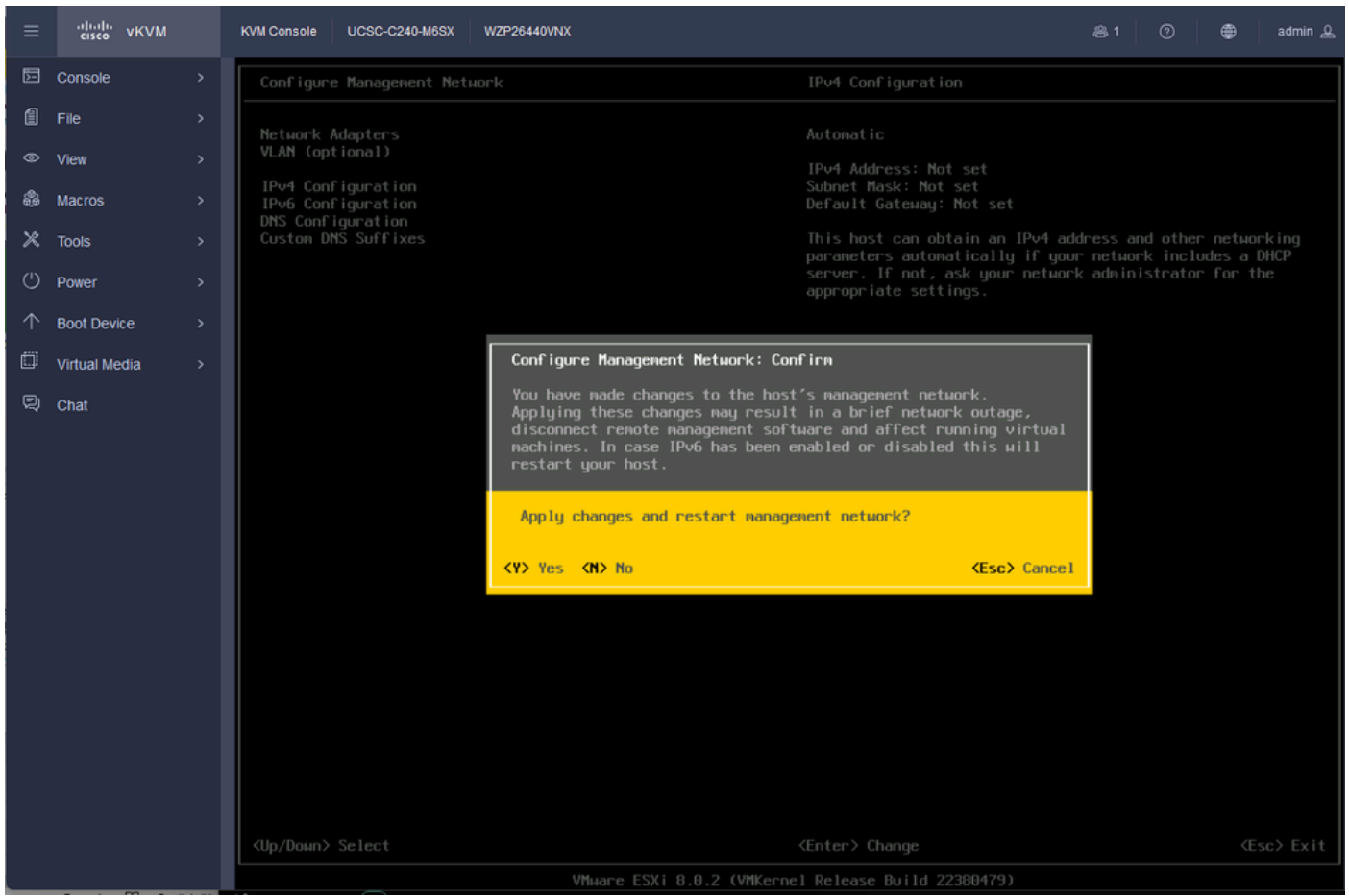
Vlan Config

Step 25. Choose **IPV4 Configuration**, Enter the values, and Press **Enter**.



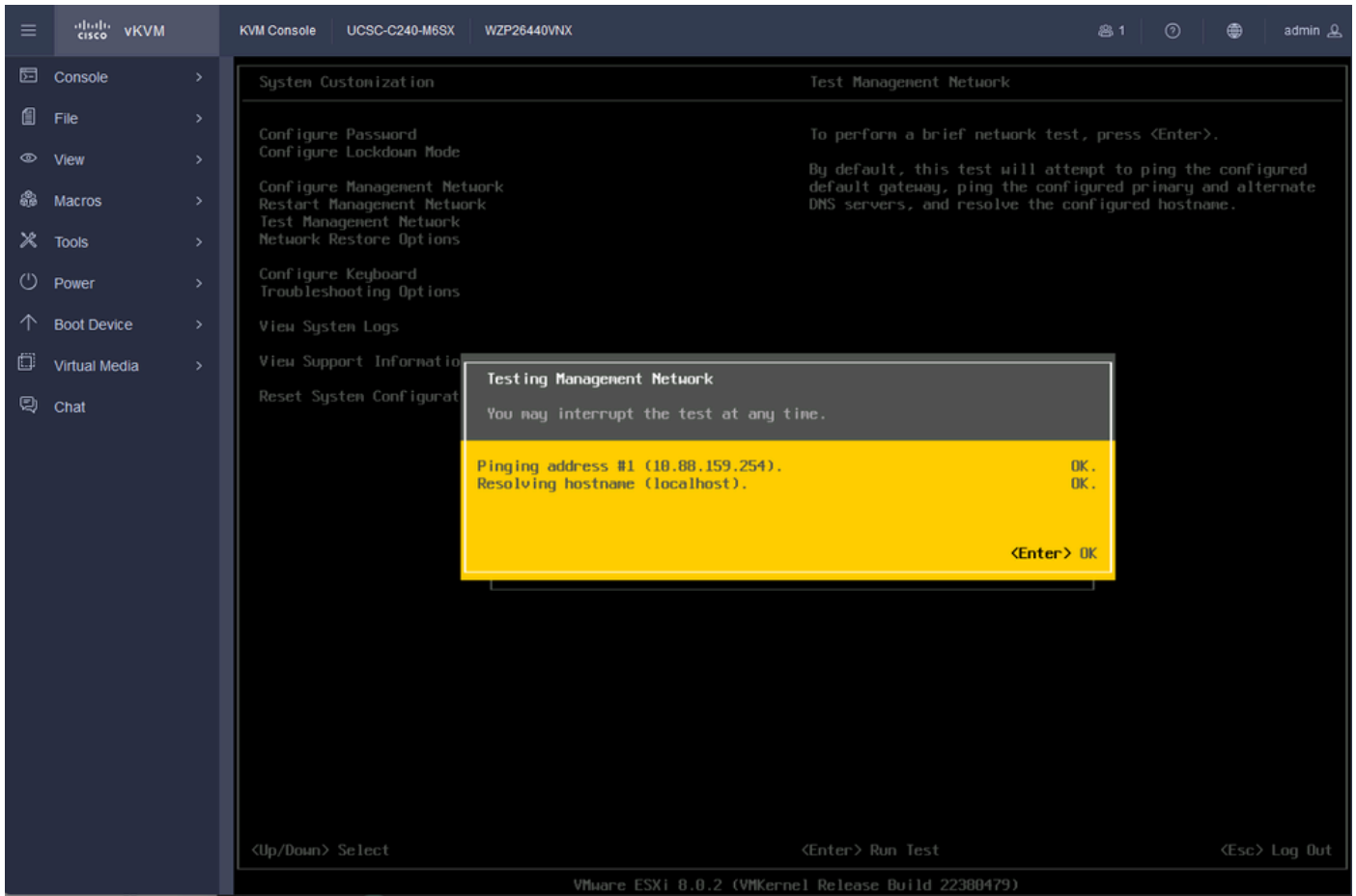
IPV4 Config

Step 26. Use the **Y** Key to Accept and restart the **Management Network**.



IPv4 Config Save

Step 27. Choose **Test Management Network** to test the Communication, and Press **Enter** to Exit.



Test Mangement Network

Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.