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

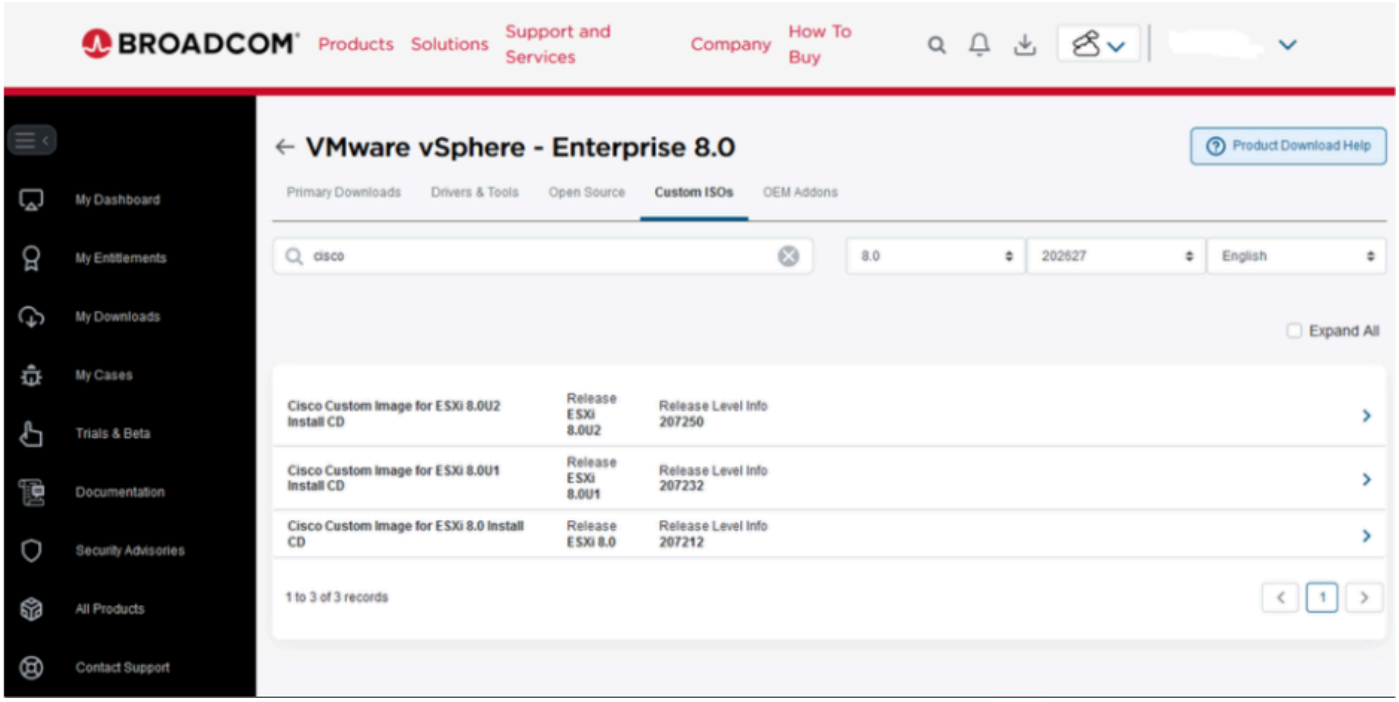
The information in this document is based on UCS C240 M6SX server. Cisco Custom image filename = VMware-ESXi-8.0.U2-22380479-Custom-Cisco-4.3.2-c.iso.

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

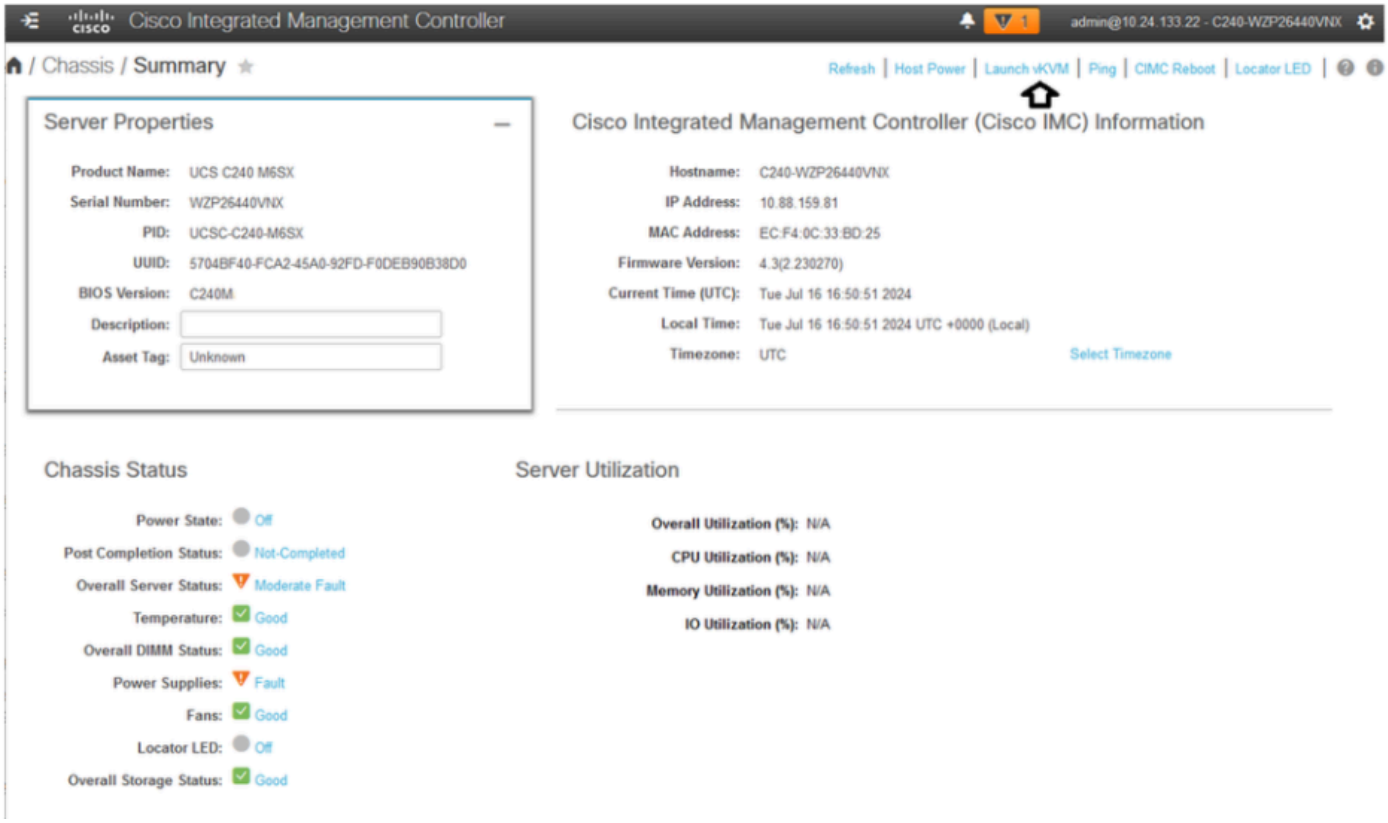
1. Download the Cisco Custom Image for ESXi 8.x from Broadcom.

Example of the Download Page:



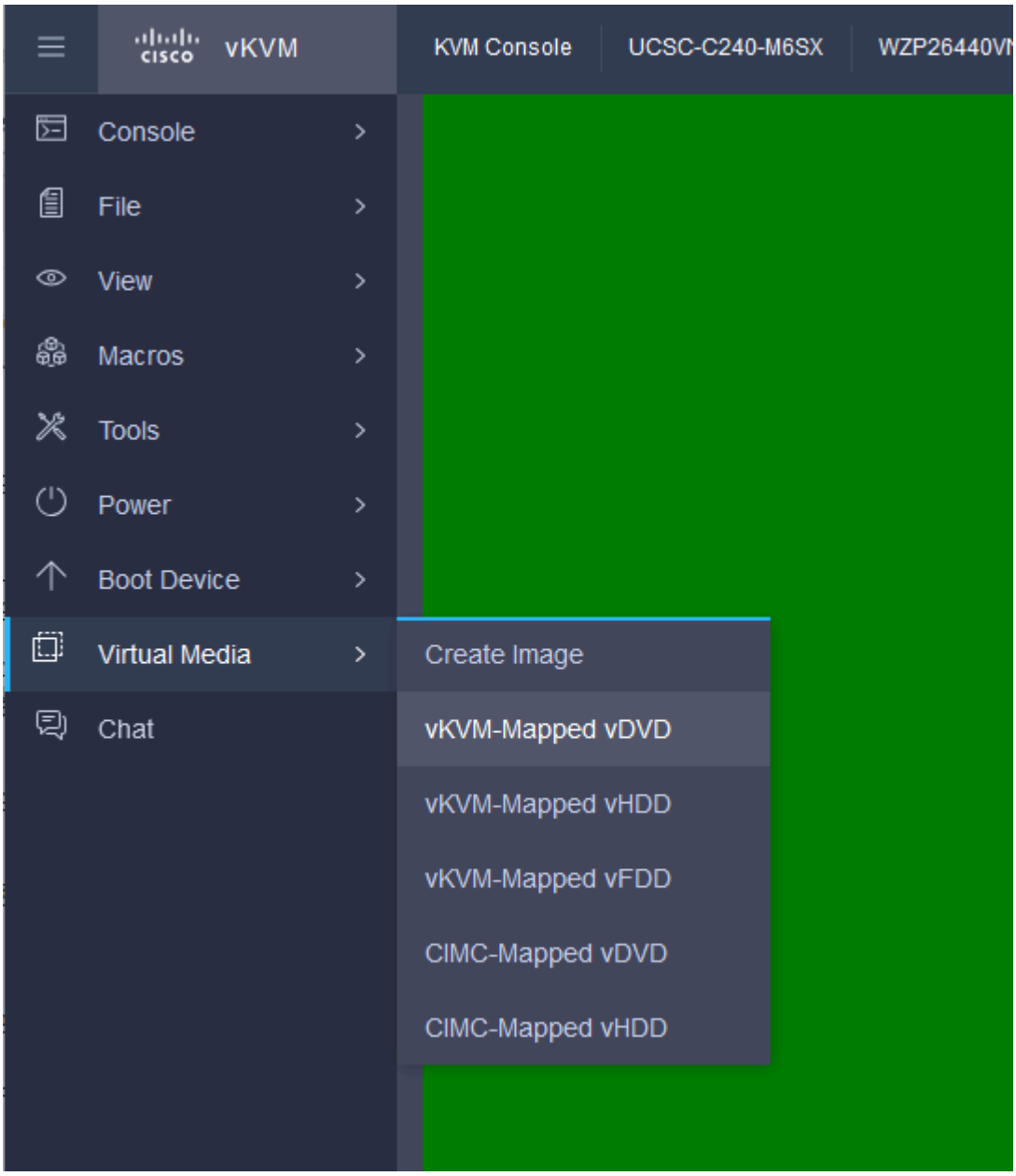
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2. From the CIMC page, click **Launch vKVM**.



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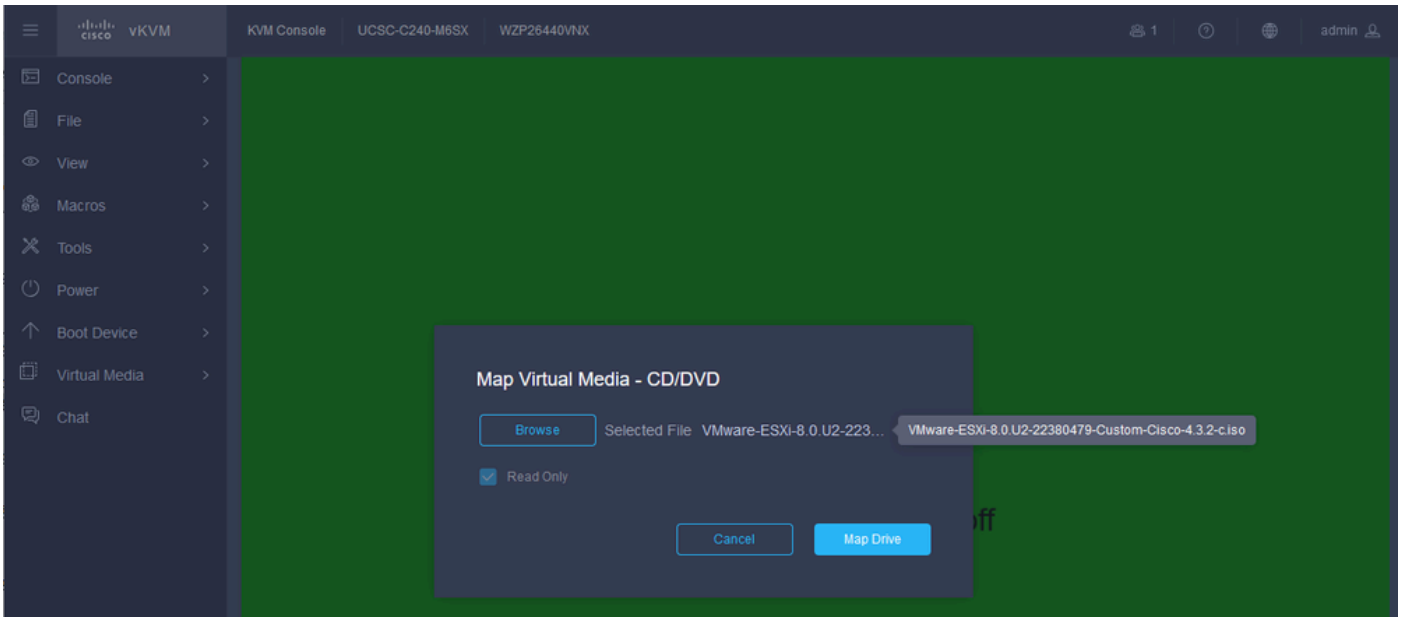
3. On the KVM page, click **Virtual Media > vKVM-Mapped vDVD**.



vKVM Mapped vDVD

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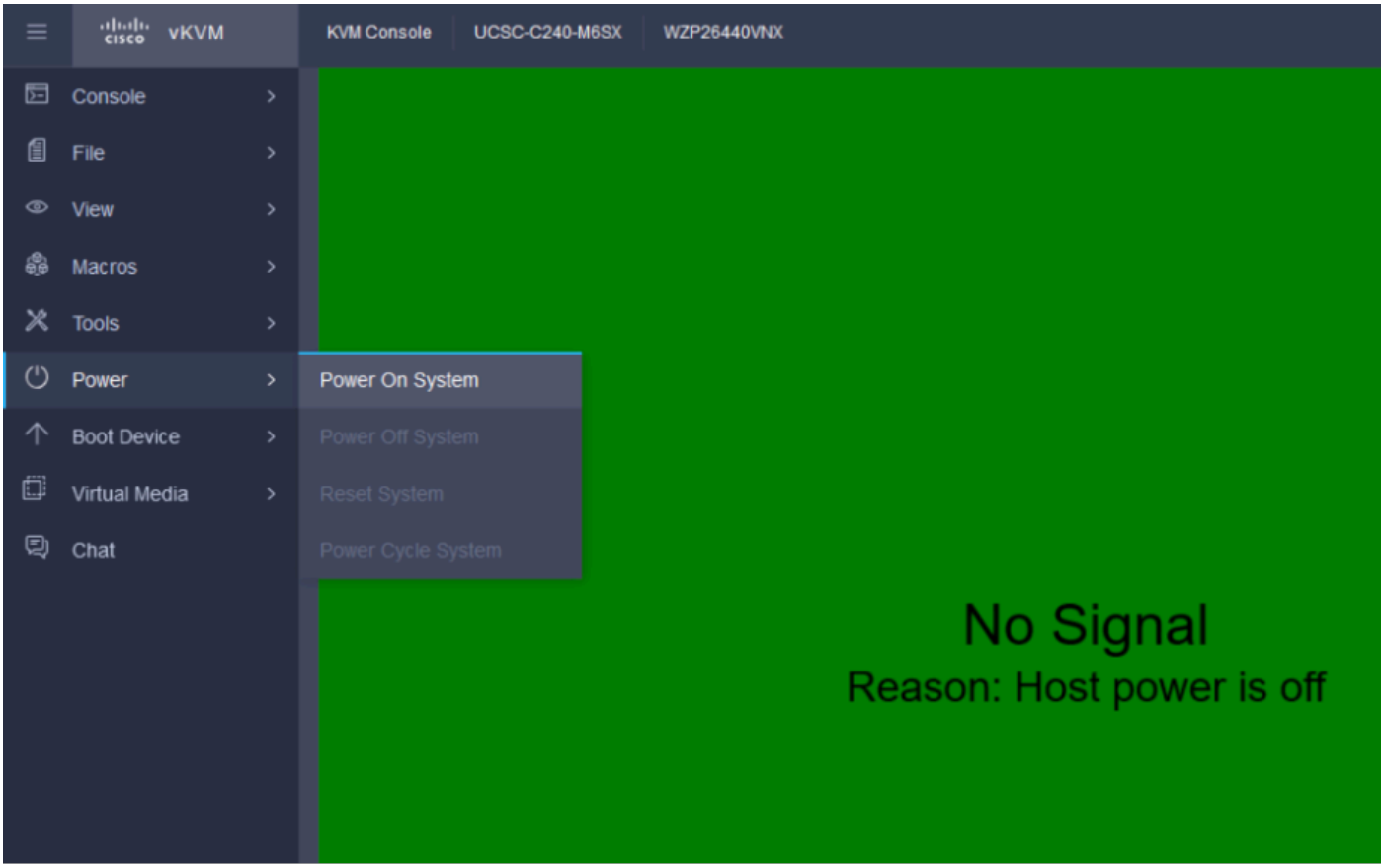
4. Browse and select the **ISO Image Previously Downloaded**.



Map Virtual Media

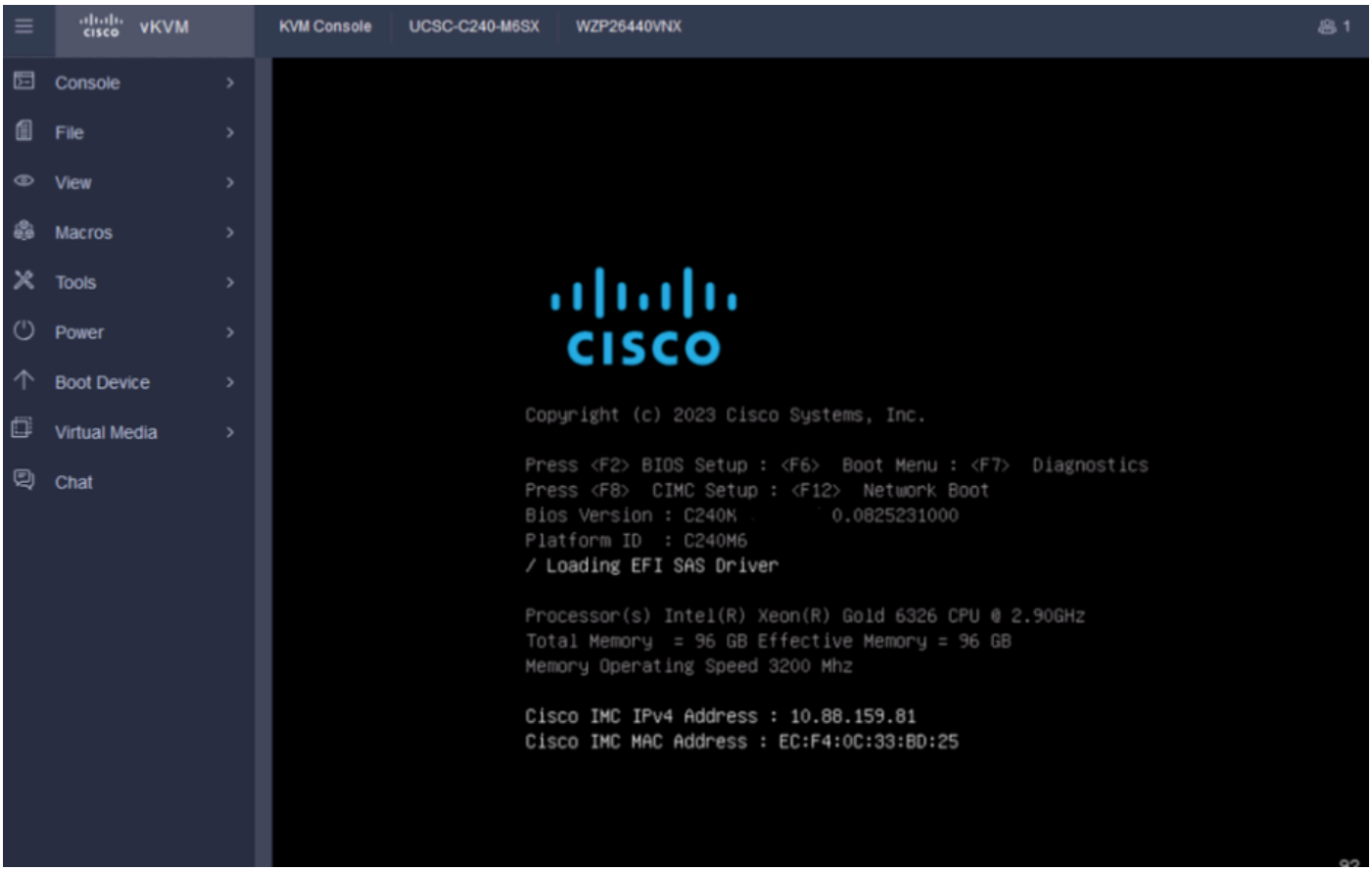
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5. Click **Power > Power On System**.



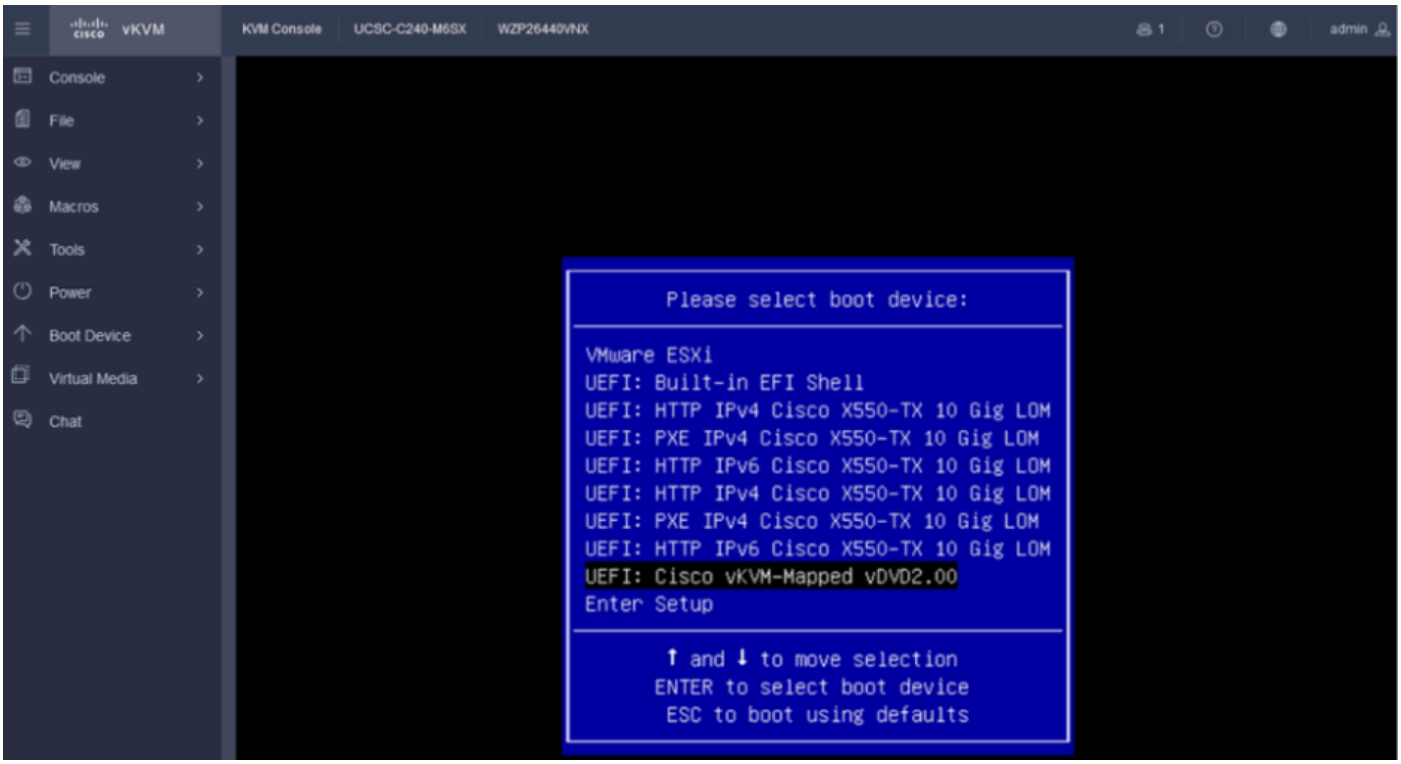
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6. When the server is booting, press **F6** to get the **Boot Menu**.



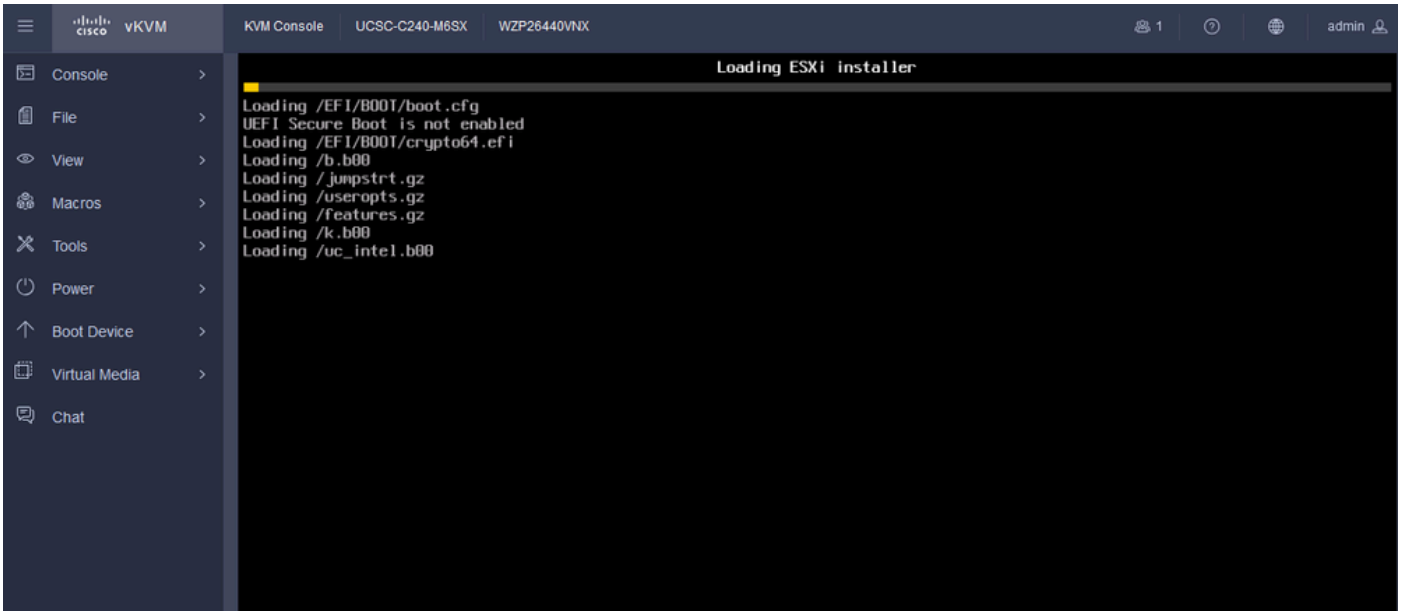
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7. At the **Boot Menu**, select the **UEFI: Cisco vKVM-Mapped vDVD2.00**.



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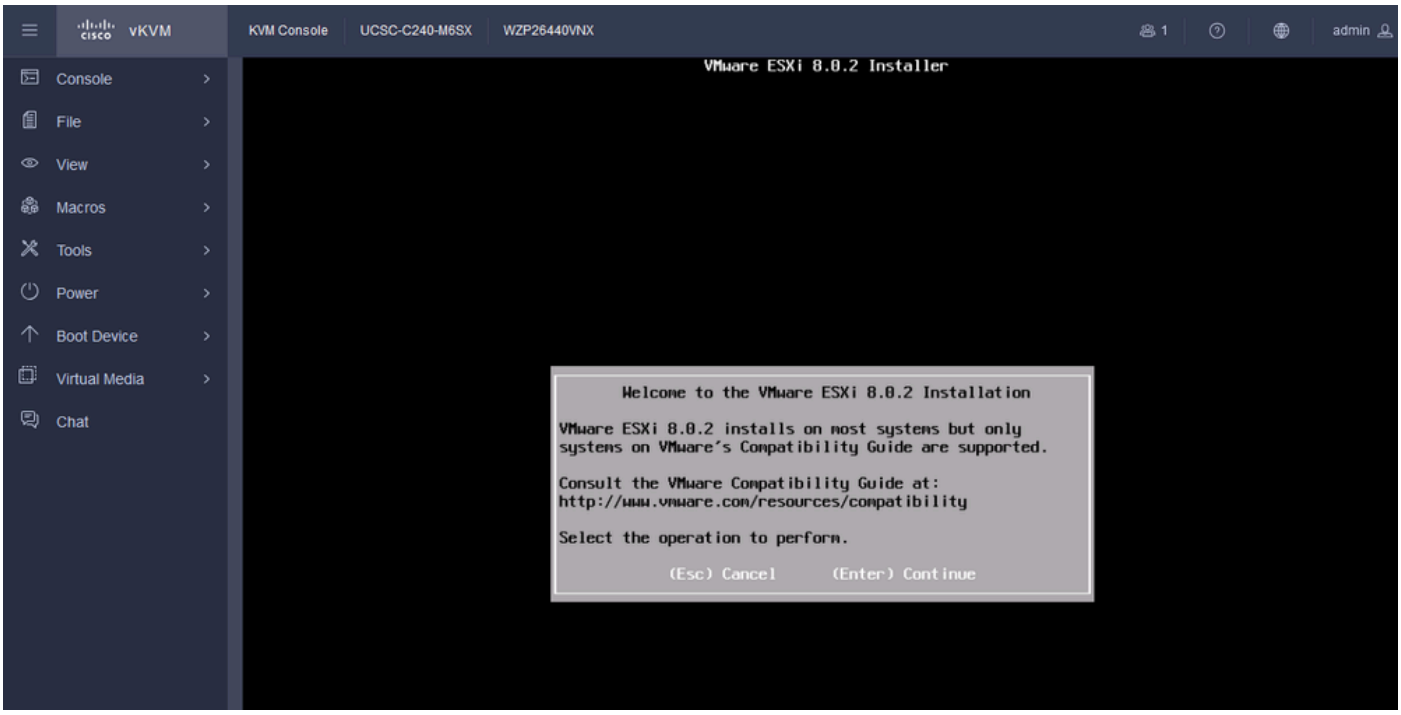
8. After the selection, ESXi starts loading the Installer.



ESXi Installer

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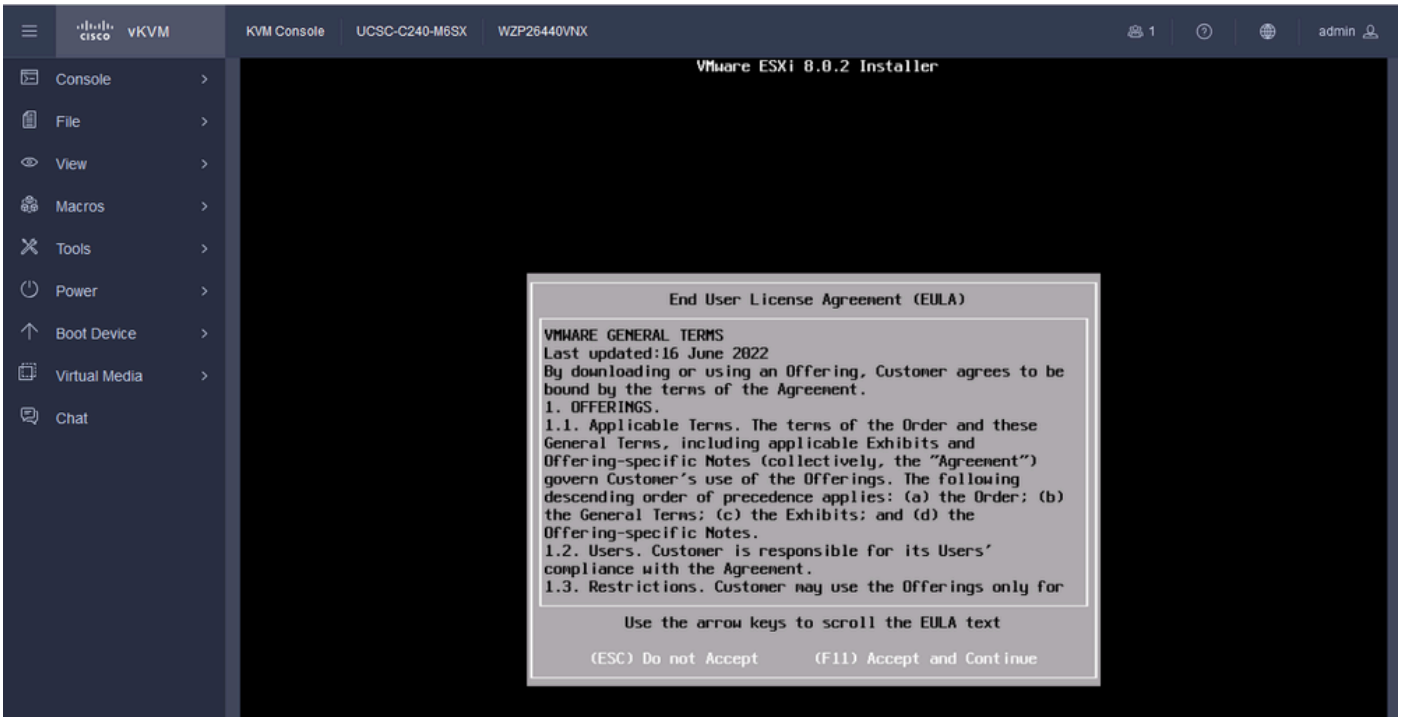
9. You are presented with the ESXi Install Welcome Screen to Continue or Cancel. Press **Enter** to Continue.



ESXi Welcome Screen

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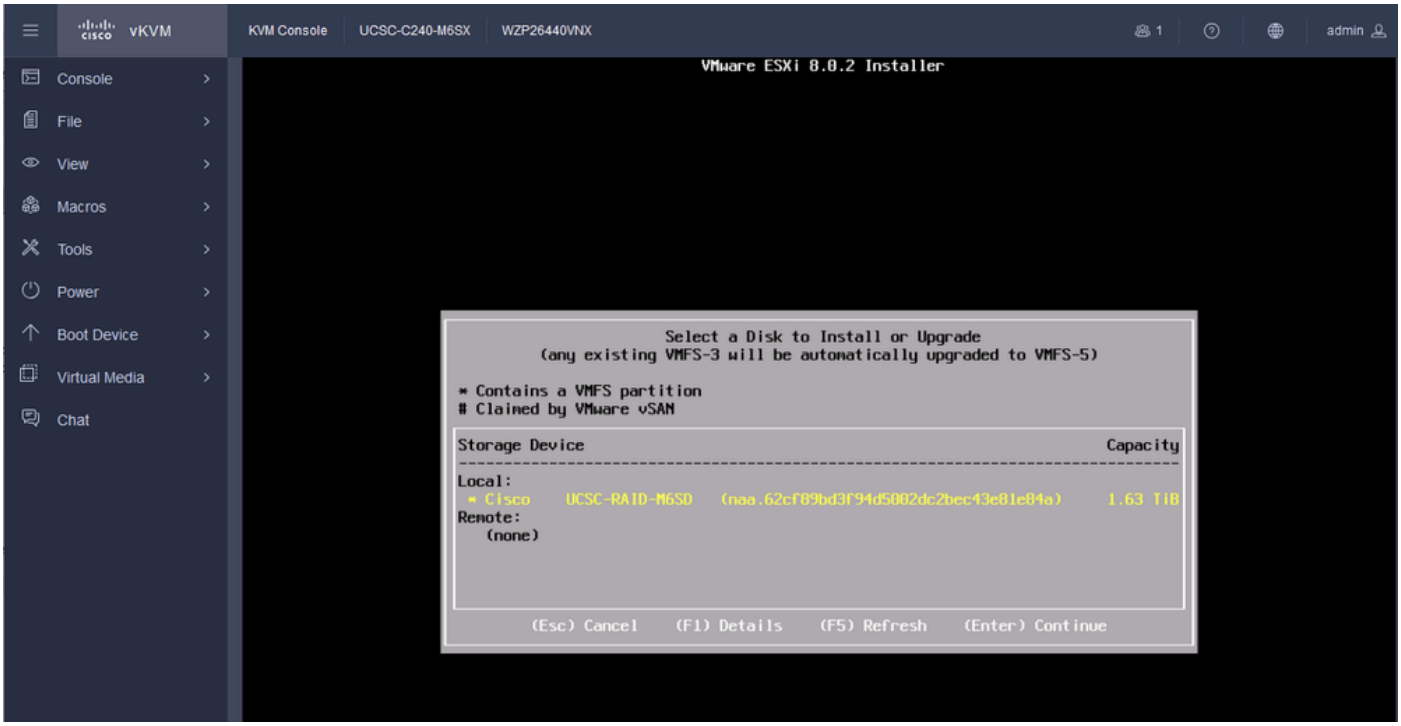
10. After you continue, the EULA Screen is presented. Press **F11** to Accept.



ESXi EULA Screen

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

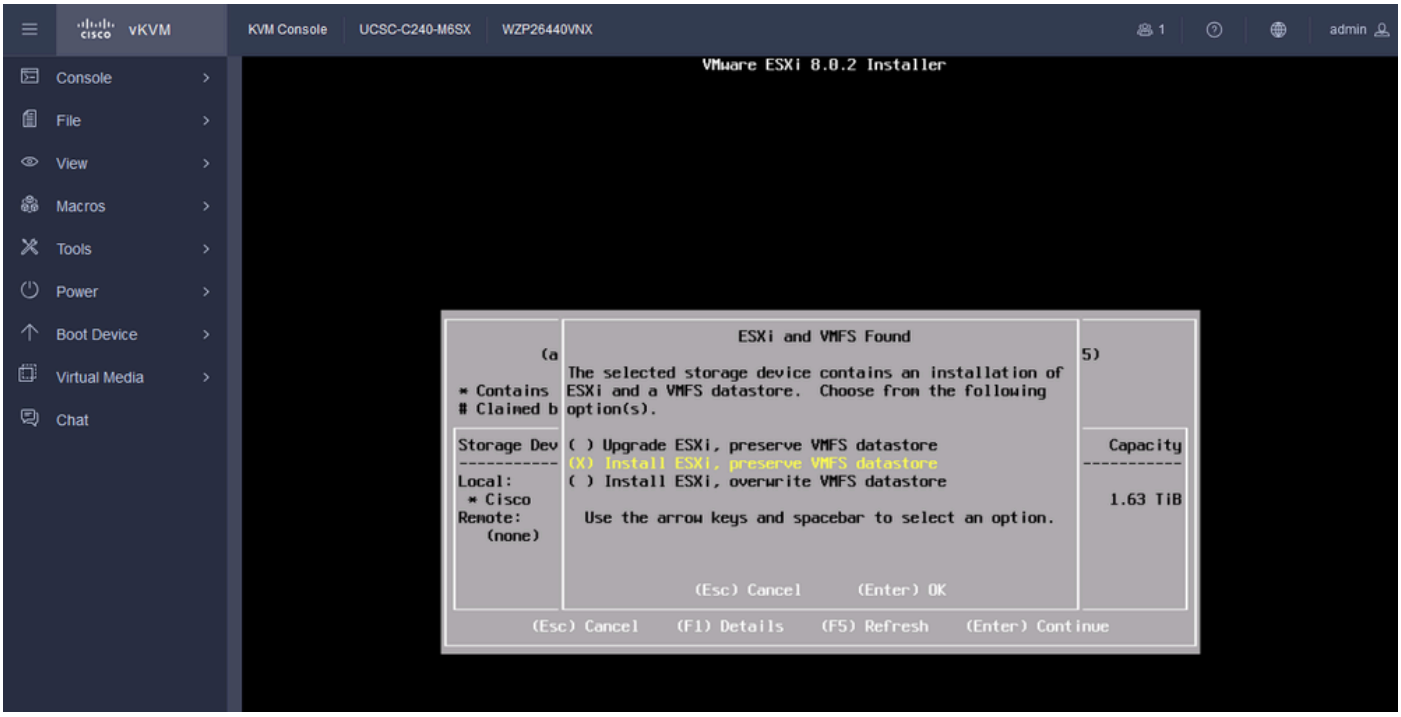


ESXi RAID Select

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12. Once the Device is selected, you are presented with the option to Install or Upgrade ESXi. Choose

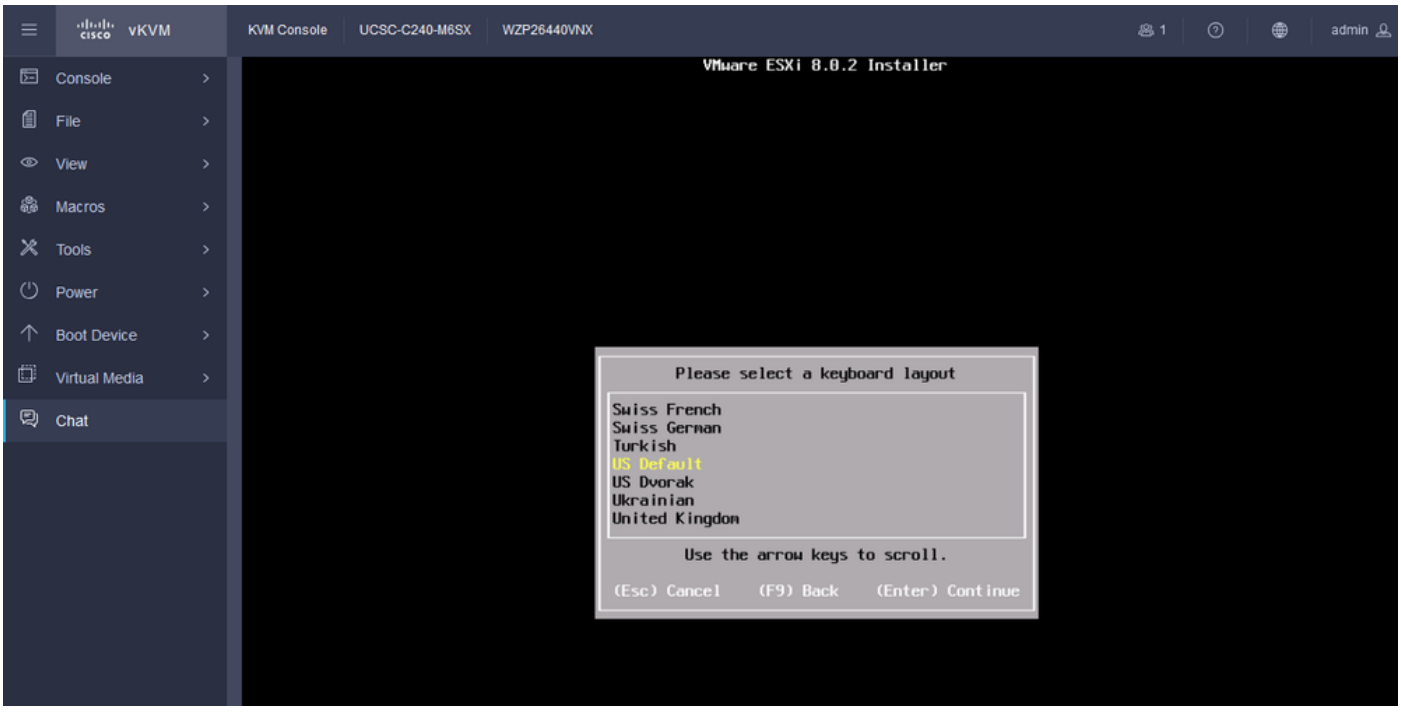
Install and press **Enter**.



ESXI Install or Upgrade

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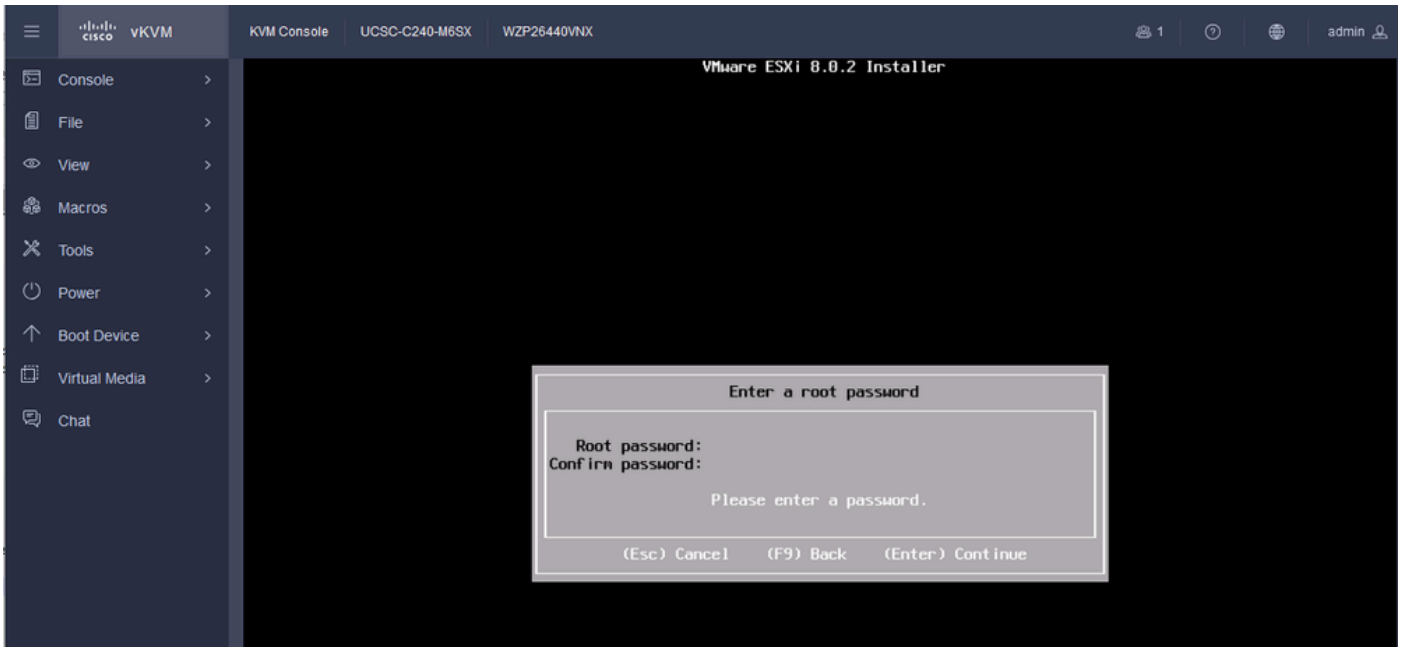
13. The ESXi Install Keyboard Selection appears. Select your **Keyboard** Option and press **Enter**.



ESXi Keyboard Select

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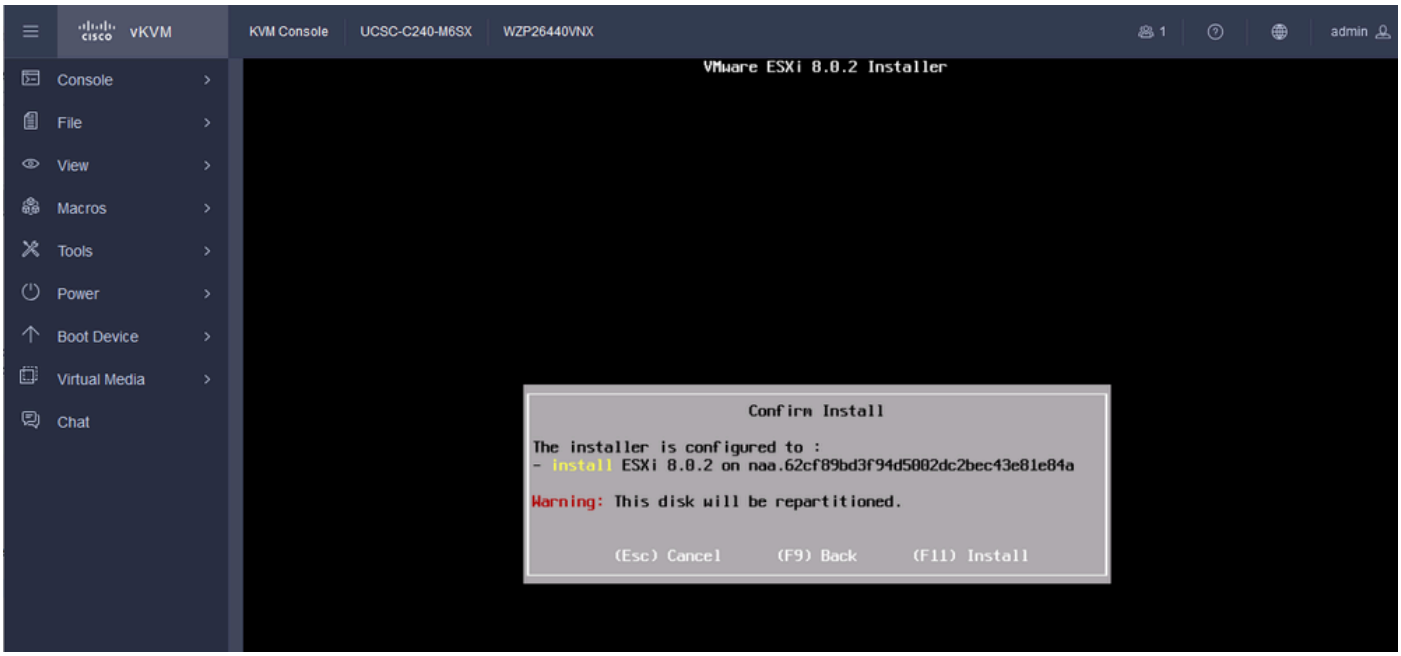
14. You are prompted to Configure the ESXi Root Password. Enter the **Password Values**, **Confirm**, and press **Enter**.



ESXi Password Config

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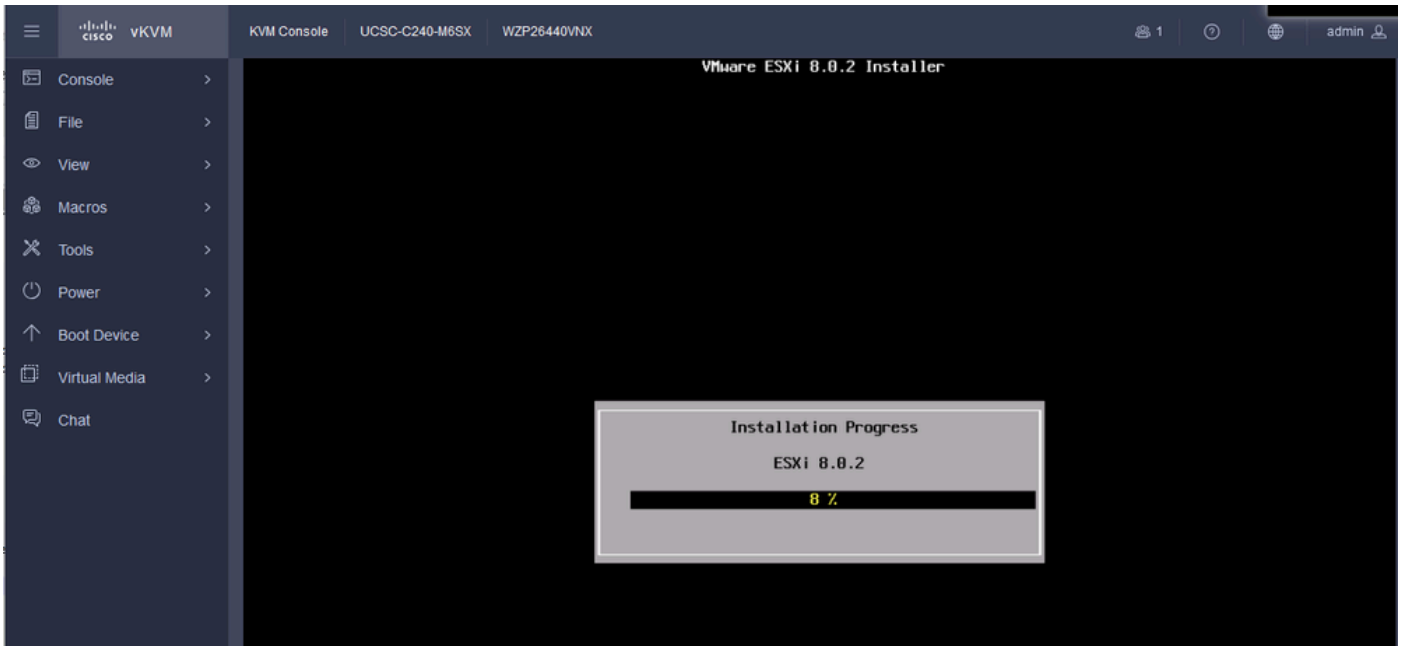
15. Confirm the Install when you press **F11**.



ESXi Confirm Install

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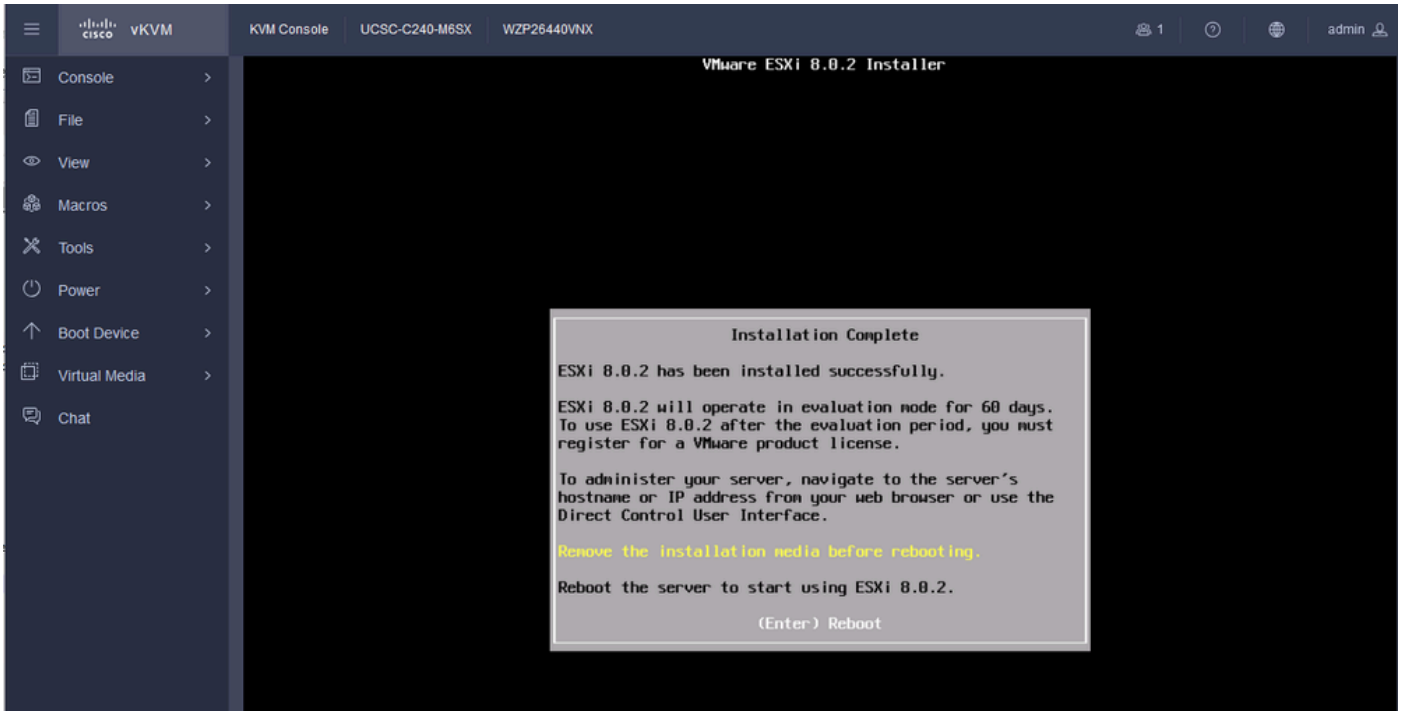
16. The install begins and shows **In Progress**.



ESXI Install Progress

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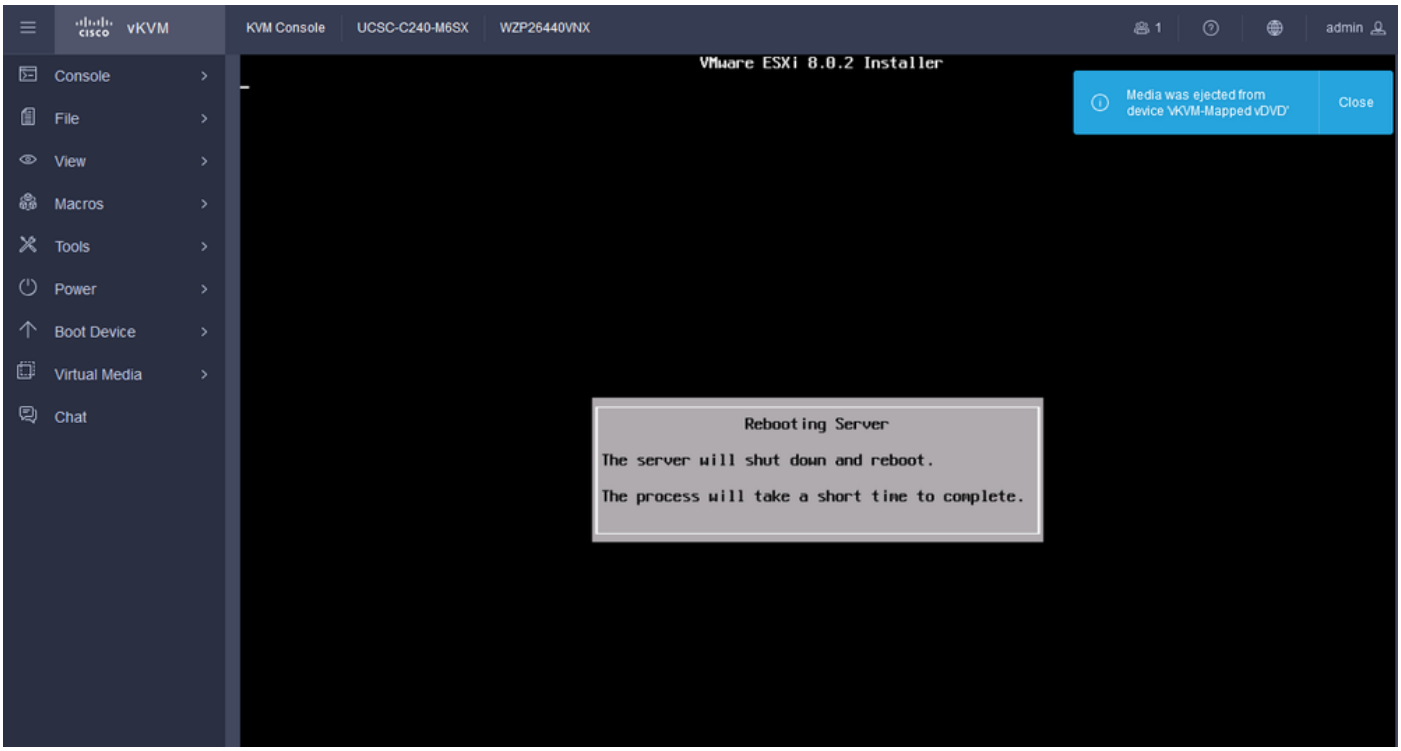
17. The ESXi Install completes. Press **Enter** to reboot the Server.



ESXi Install Complete

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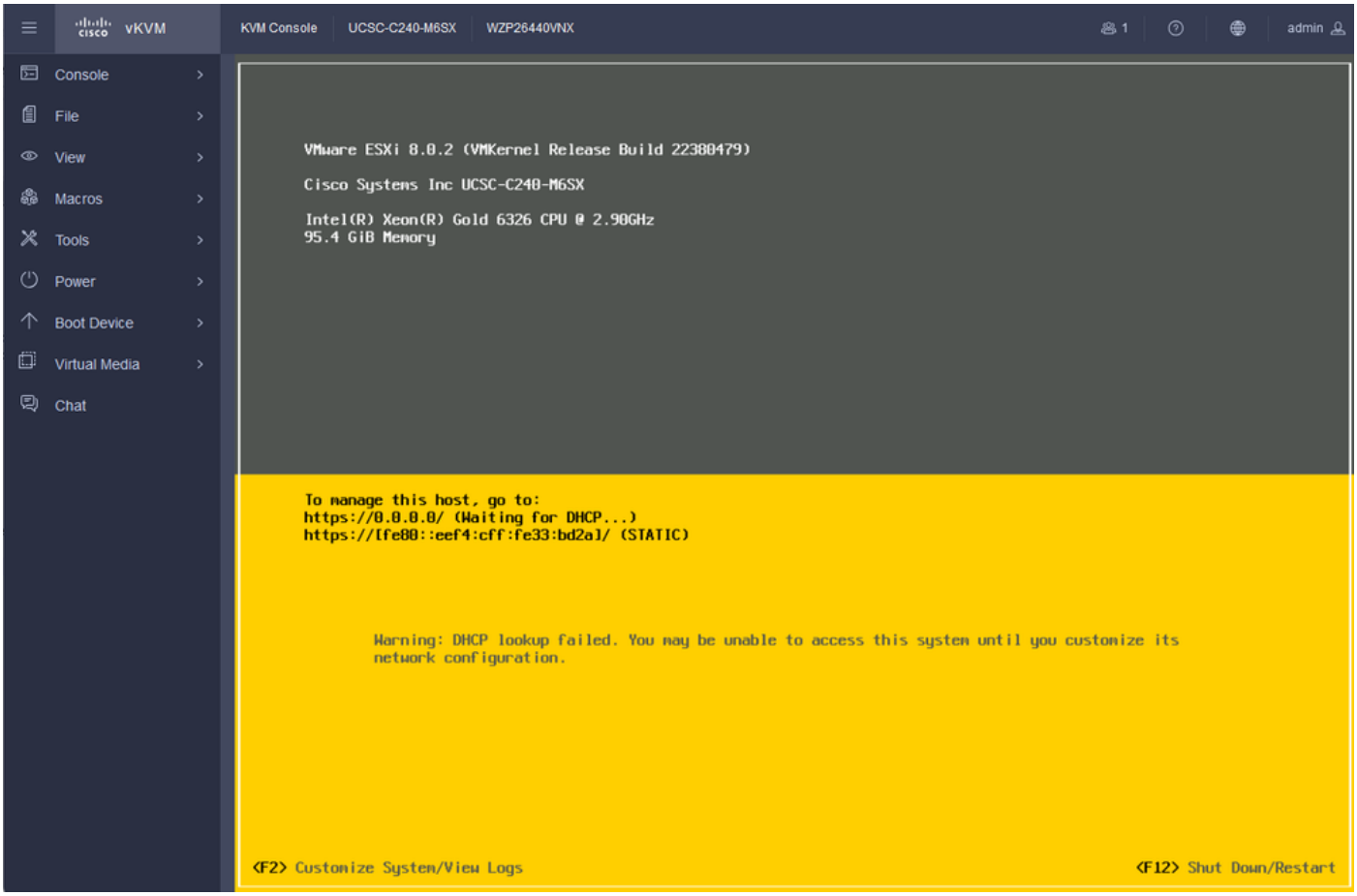
18. ESXi Ejects the Virtual DVD and Reboots the Server to start for the first time.



ESXi Server Reboot

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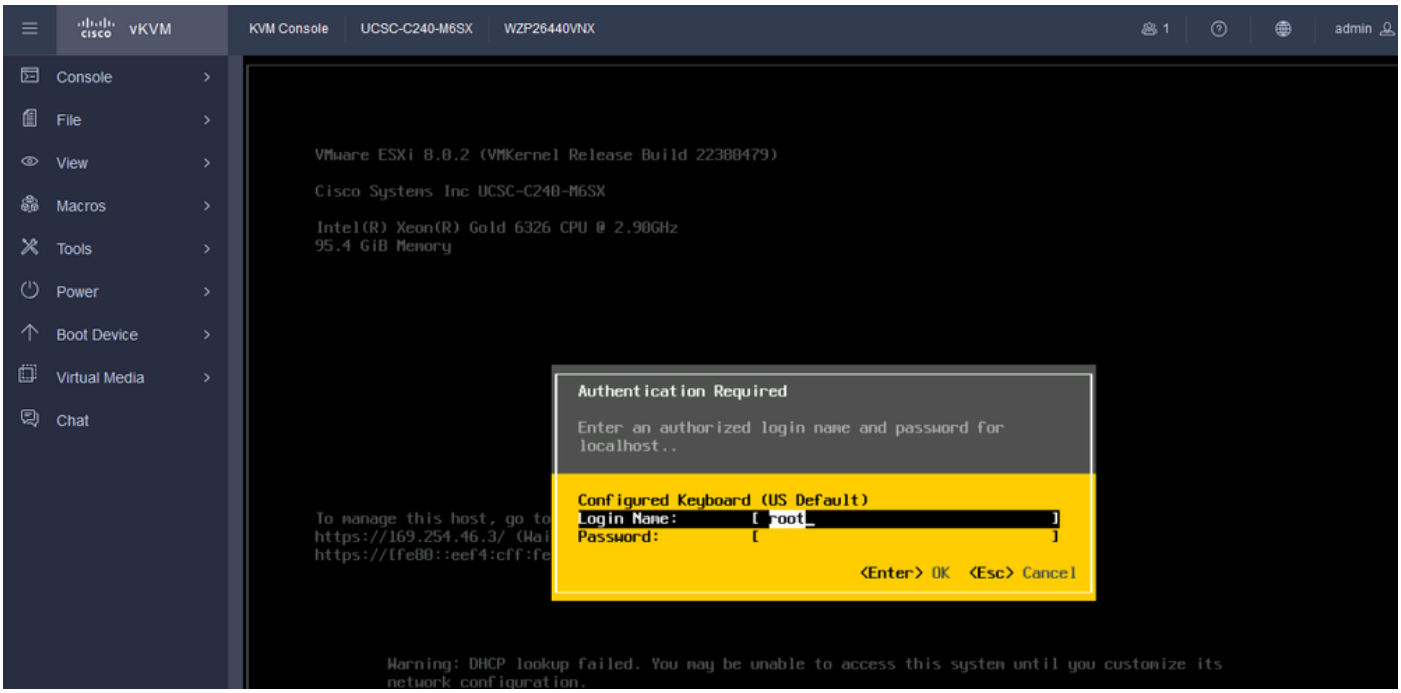
19. This is the ESXi Initial Screen after Reboot. Press **F2** to Customize System.



ESXi Initial Screen

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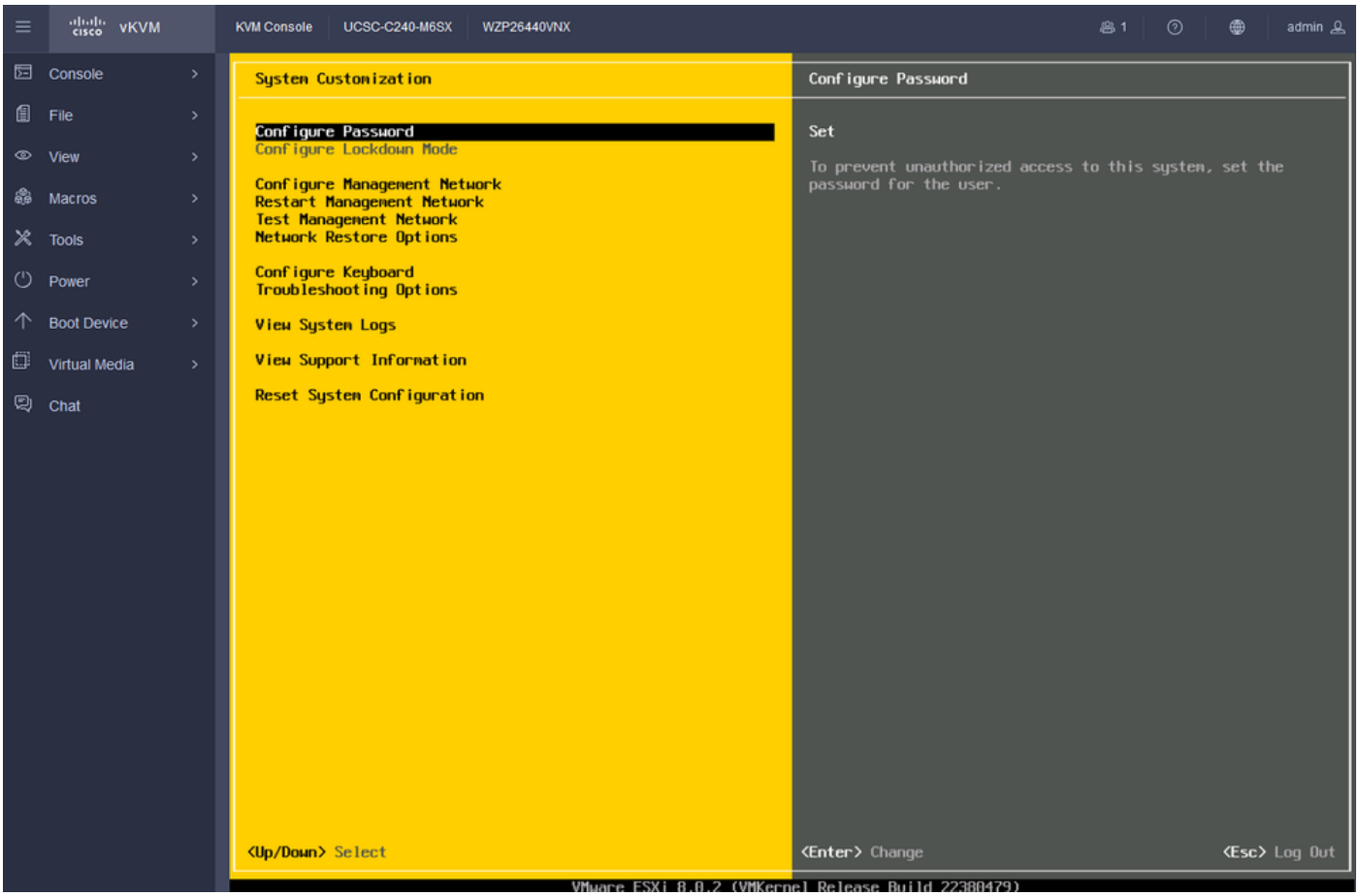
20. **Enter the values** to log in. The password was created at install.



ESXi Log in Screen

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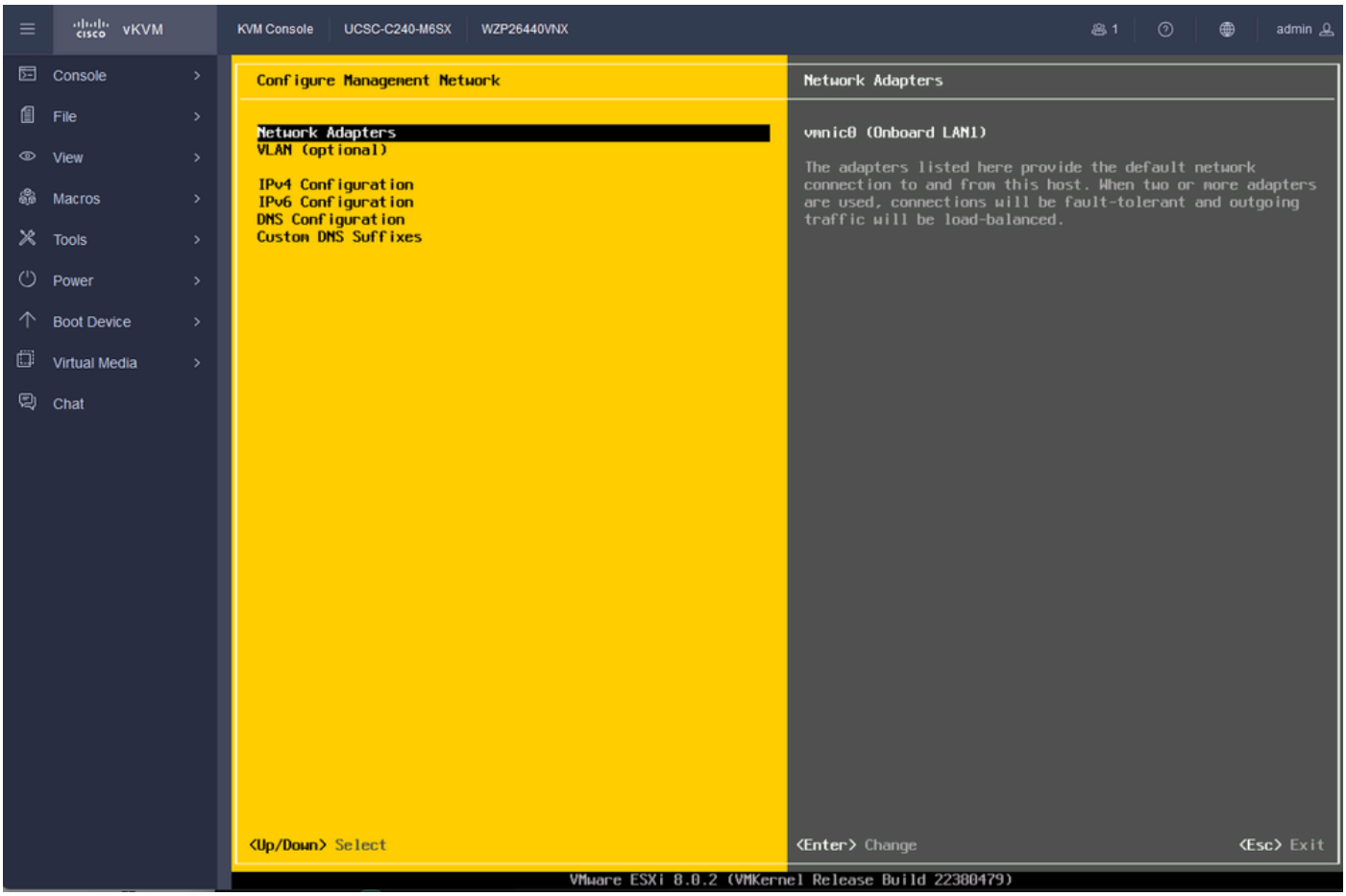
21. You are presented with the **System Customization**. Choose **Configure Management Network** and press **Enter**.



ESXi Configure Management

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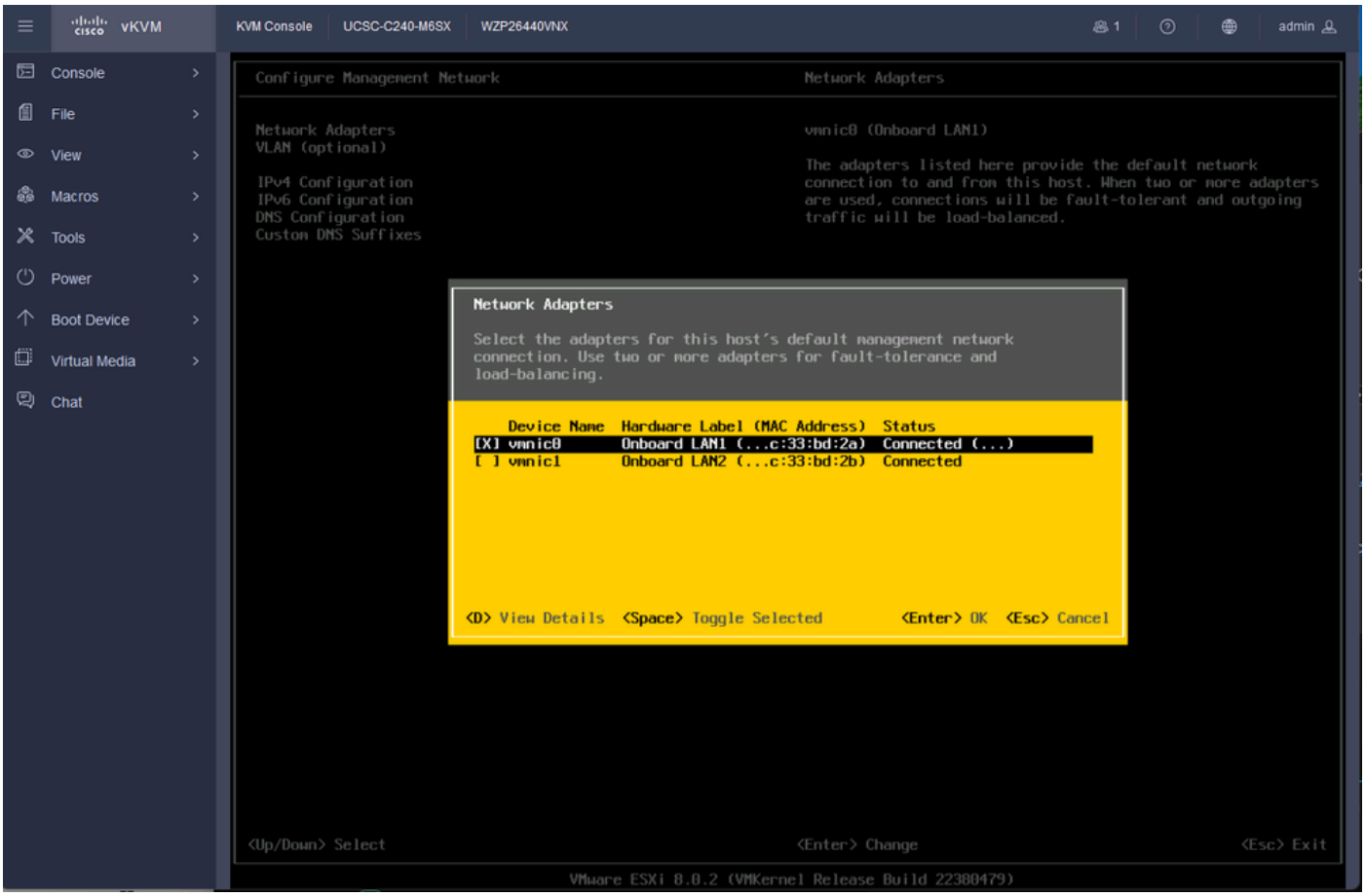
22. Choose **Network Adapters** and press **Enter**.



ESXi Management Configuration

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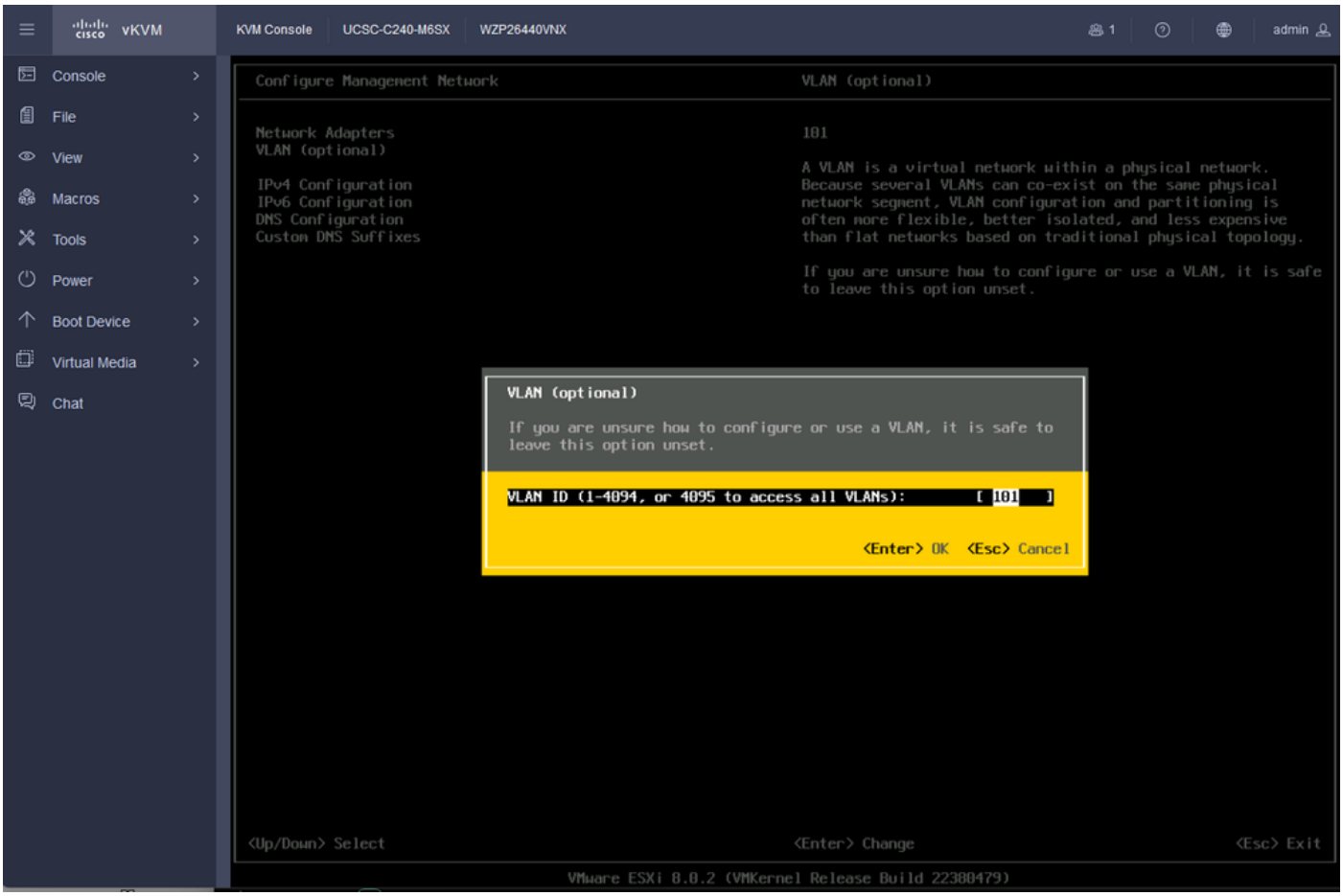
23. Select the **Network Adapter** for Management with the **Space Bar** and press **Enter**.



Network Adapter Selection

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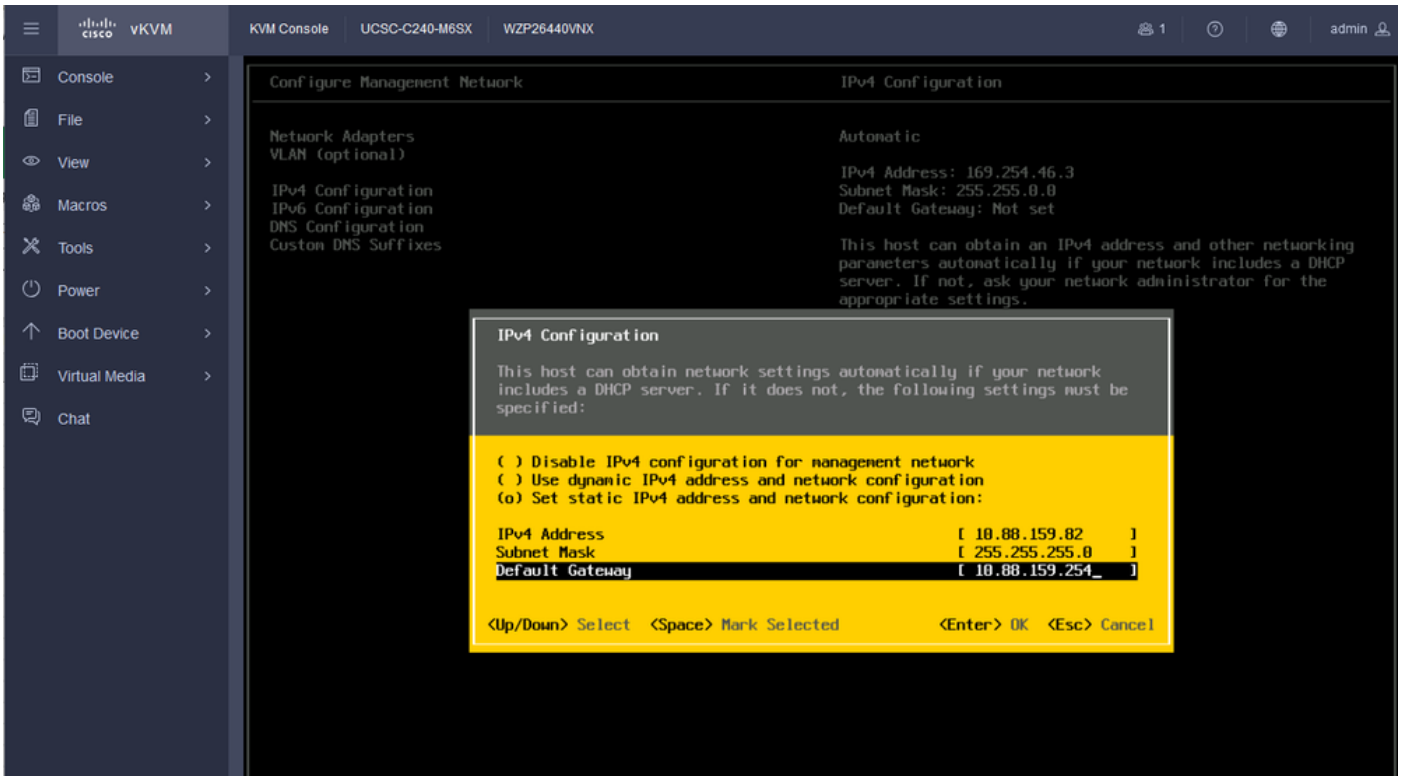
24. Choose **VLAN** (optional) and **Enter the Values** if required, and press **Enter**.



Vlan Config

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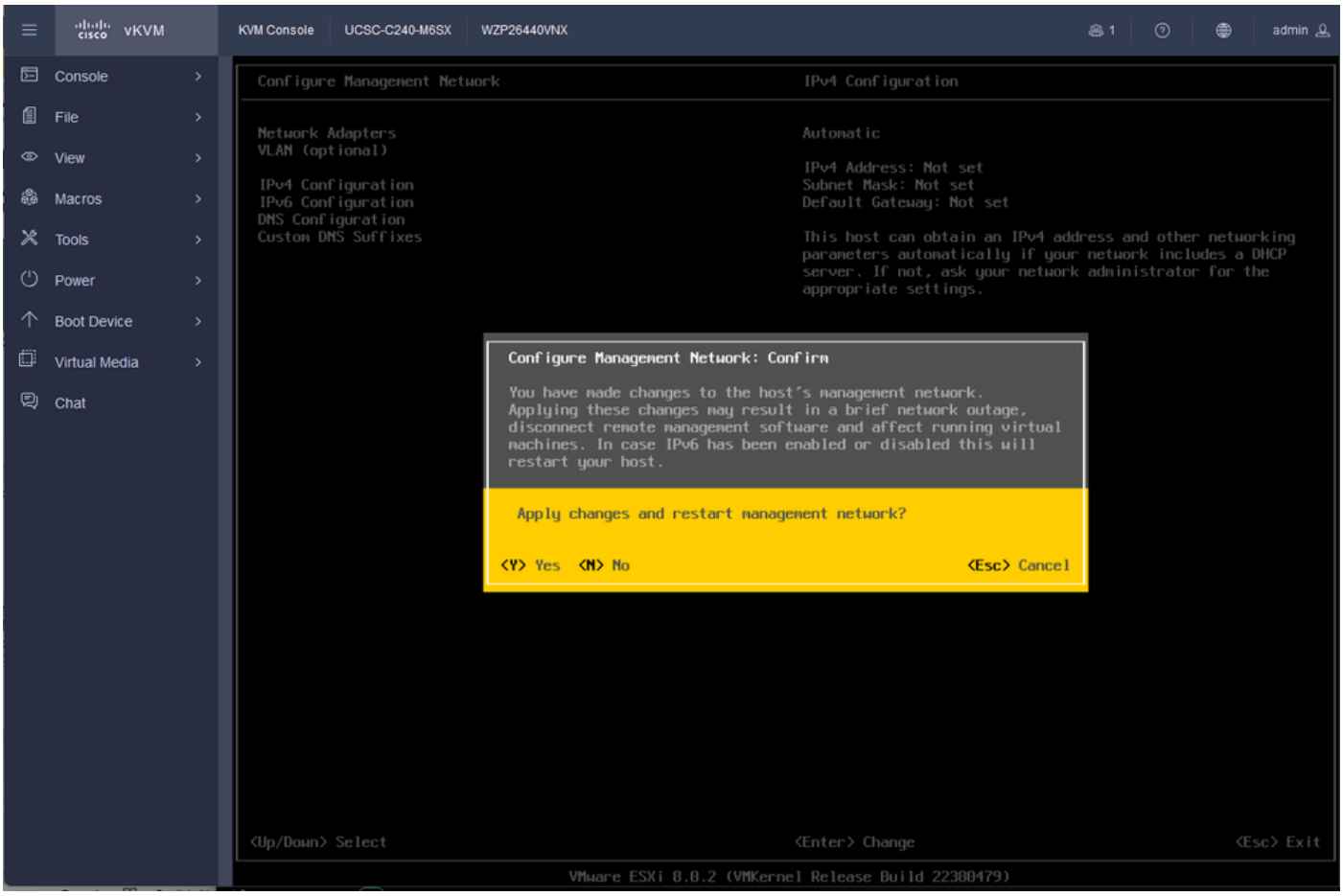
25. Choose **IPV4 Configuration**, **Enter the Values**, and press **Enter**.



IPV4 Config

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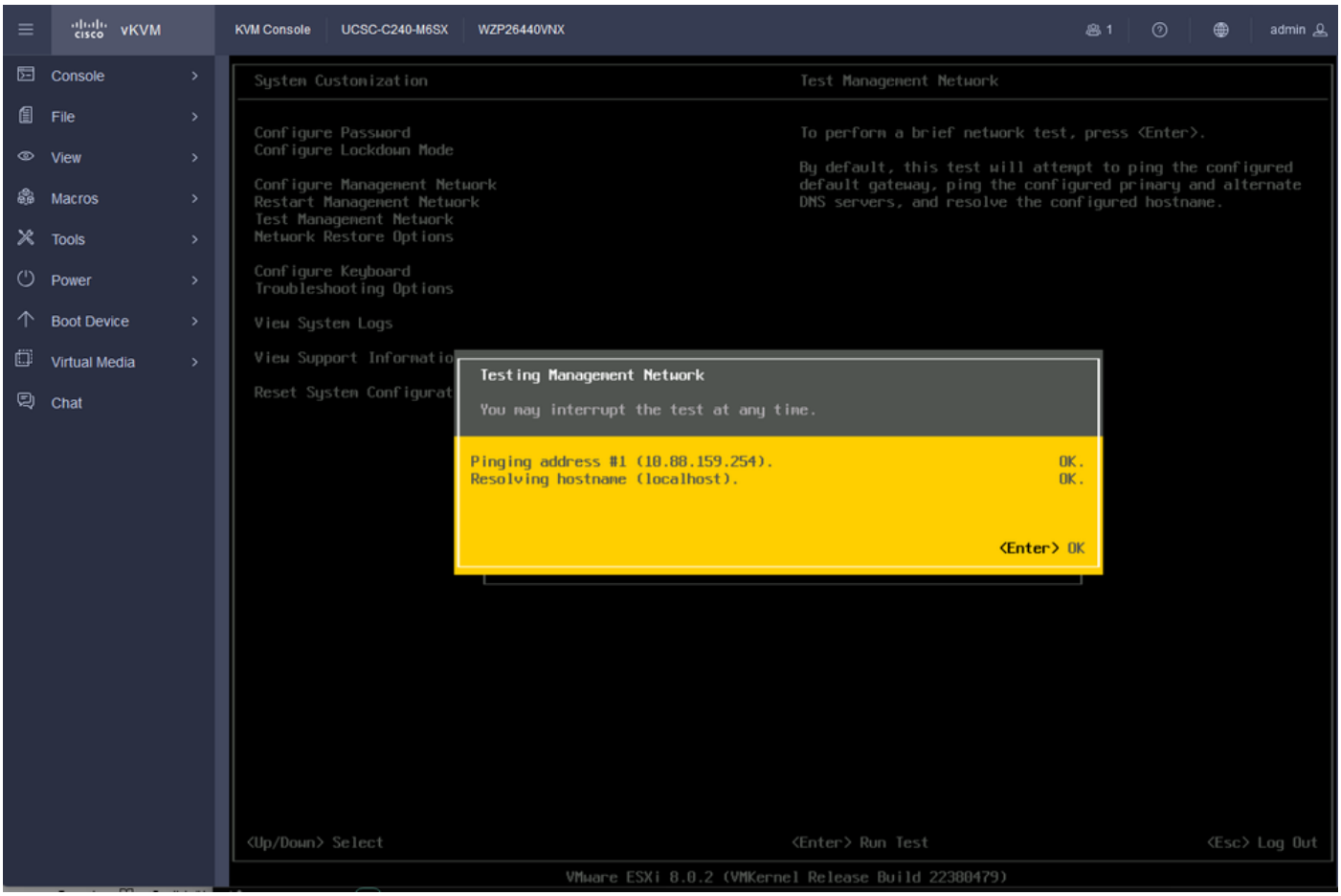
26. Use the **Y** Key to Accept and restart the **Management Network**.



IPV4 Config Save

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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.