



# Cisco CSPC

## Deployment of CSPC 2.11 ISO Image for UCS M7

August 2024



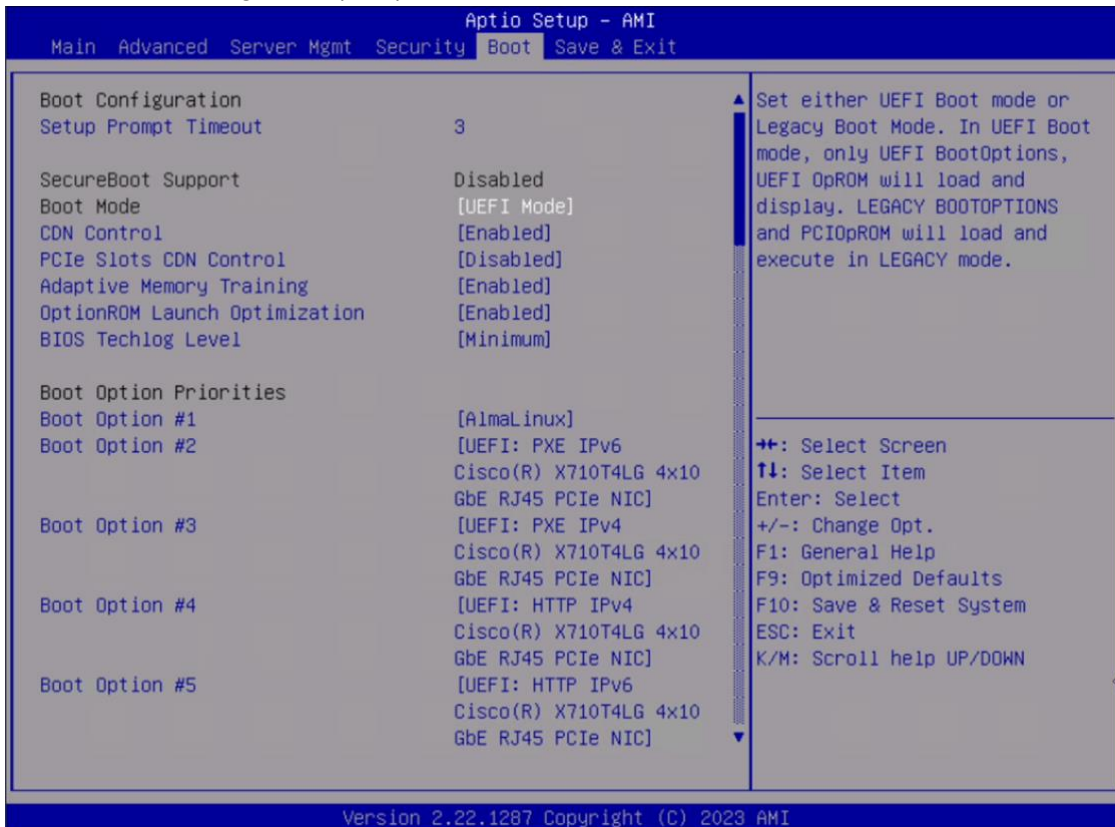
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Follow these steps to install the CSPC ISO image on the hardware unit you created based on the [CSPC ISO Application Note](#).

## CIMC IP Configuration

1. Boot up M7 server where the CSPC software will be installed.
2. Connect a keyboard and monitor to the server. Alternatively, connect to the box through a console cable.
3. To enable UEFI mode in BIOS setup, Press(F2) go to the Boot Option tab then select UEFI mode to save setting press(F10).



4. You will see the following screen. Press (**F8**) to start the CIMC configuration process as seen below.



The following window will be shown:

```

Cisco IMC Configuration Utility Version 2.0 Cisco Systems, Inc.
*****
NIC Properties
NIC mode                               NIC redundancy
Dedicated:      [X]                    None:          [X]
Shared OCP:     [ ]                    Active-standby: [ ]
Cisco Card:
  Riser1:       [ ]                    Active-active:  [ ]
  Riser2:       [ ]                    VLAN (Advanced)
  MLoM:         [ ]                    VLAN enabled:   [ ]
Shared OCP Ext: [ ]                    VLAN ID:        1
                                           Priority:        0
IP (Basic)
IPV4:           [ ]                    IPV6:           [ ]
DHCP enabled   [ ]
CIMC IP:
Prefix/Subnet:
Gateway:
Pref DNS Server:
Smart Access USB
Enabled        [ ]
*****
<Up/Down>Selection  <F10>Save  <Space>Enable/Disable  <F5>Refresh  <ESC>Exit
<F1>Additional settings

```

5. Configure an IP address for the device.

- For a STATIC IP address, fill in CIMC IP, Subnet mask, and Gateway

```

Cisco IMC Configuration Utility Version 2.0 Cisco Systems, Inc.
*****
NIC Properties
NIC mode          NIC redundancy
Dedicated:       [X]      None:              [X]
Shared OCP:      [ ]      Active-standby:   [ ]
Cisco Card:      Active-active: [ ]
  Riser1:        [ ]      VLAN (Advanced)
  Riser2:        [ ]      VLAN enabled:     [ ]
  MLom:          [ ]      VLAN ID:          1
Shared OCP Ext: [ ]      Priority:          0
IP (Basic)
IPV4:            [X]      IPV6:             [ ]
DHCP enabled     [ ]
CIMC IP:         192.168.1.100
Prefix/Subnet:   255.255.255.0
Gateway:         192.168.1.1
Pref DNS Server: 0.0.0.0
Smart Access USB
Enabled          [ ]
*****
<Up/Down>Selection <F10>Save <Space>Enable/Disable <F5>Refresh <ESC>Exit
<F1>Additional settings
  
```

- For a DHCP IP address, navigate to DHCP Enable, hit the spacebar to enable the option.

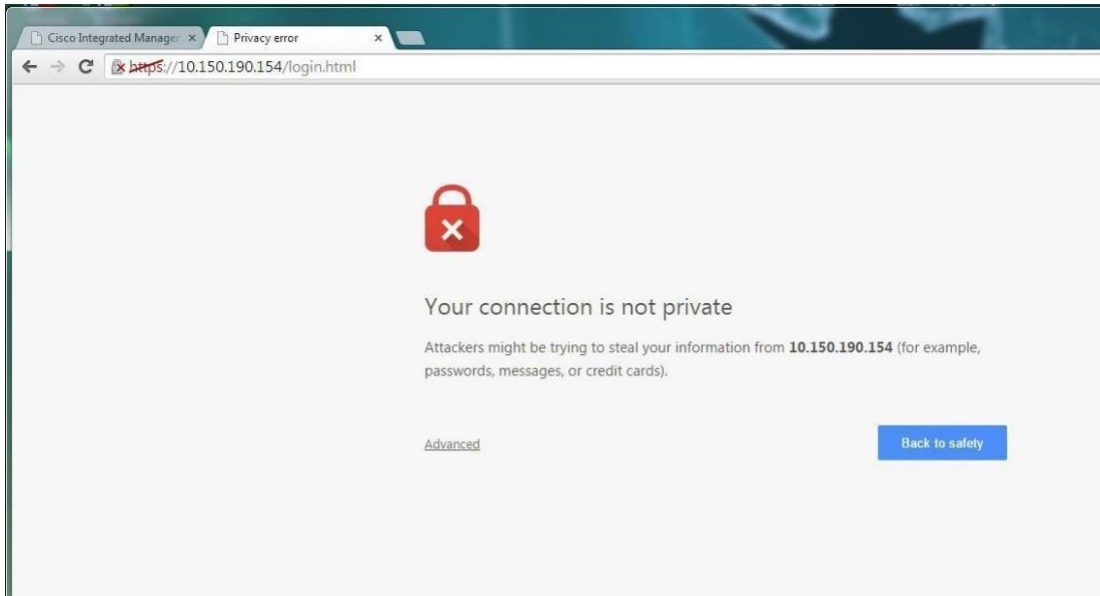
```

Cisco IMC Configuration Utility Version 2.0 Cisco Systems, Inc.
*****
NIC Properties
NIC mode                               NIC redundancy
Dedicated:      [X]                    None:          [X]
Shared OCP:     [ ]                    Active-standby: [ ]
Cisco Card:
  Riser1:       [ ]                    Active-active:  [ ]
  Riser2:       [ ]                    VLAN (Advanced)
  MLOm:         [ ]                    VLAN enabled:  [ ]
  Shared OCP Ext: [ ]                    VLAN ID:       1
                                           Priority:      0
IP (Basic)
IPV4:           [X]                    IPV6:         [ ]
DHCP enabled    [X]
CIMC IP:        192.168.1.100
Prefix/Subnet:  255.255.255.0
Gateway:        192.168.1.1
Pref DNS Server: 0.0.0.0
Smart Access USB
Enabled         [ ]
*****
<Up/Down>Selection  <F10>Save  <Space>Enable/Disable  <F5>Refresh  <ESC>Exit
<F1>Additional settings
  
```

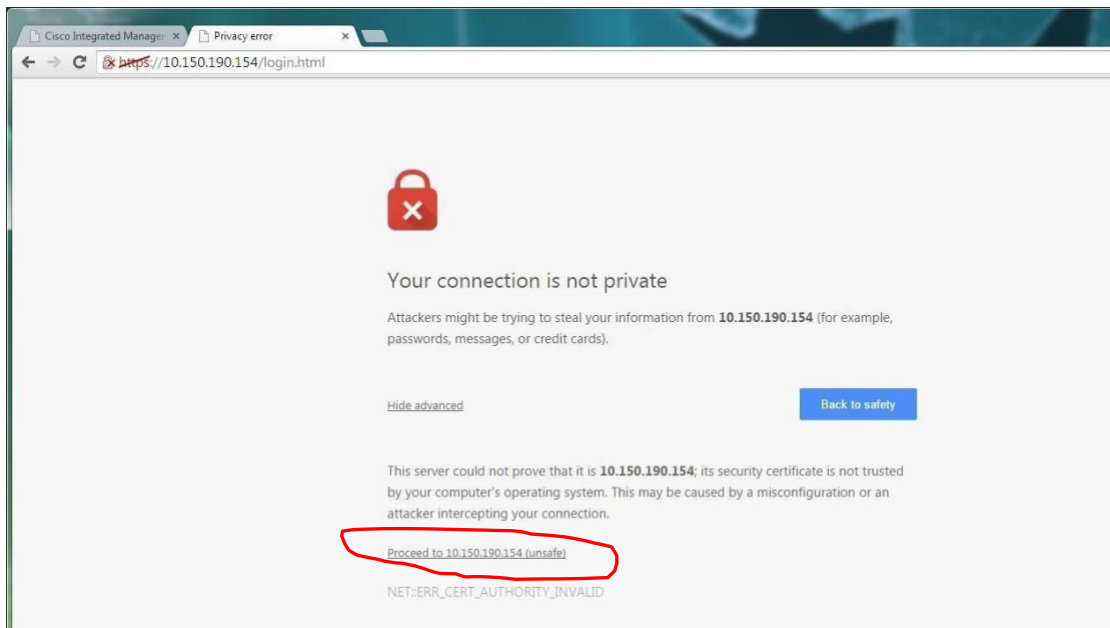
6. Press **(F10)** to save the IP address information. 7. Press **ESC** to exit the CIMC configuration process.

## Software Configuration

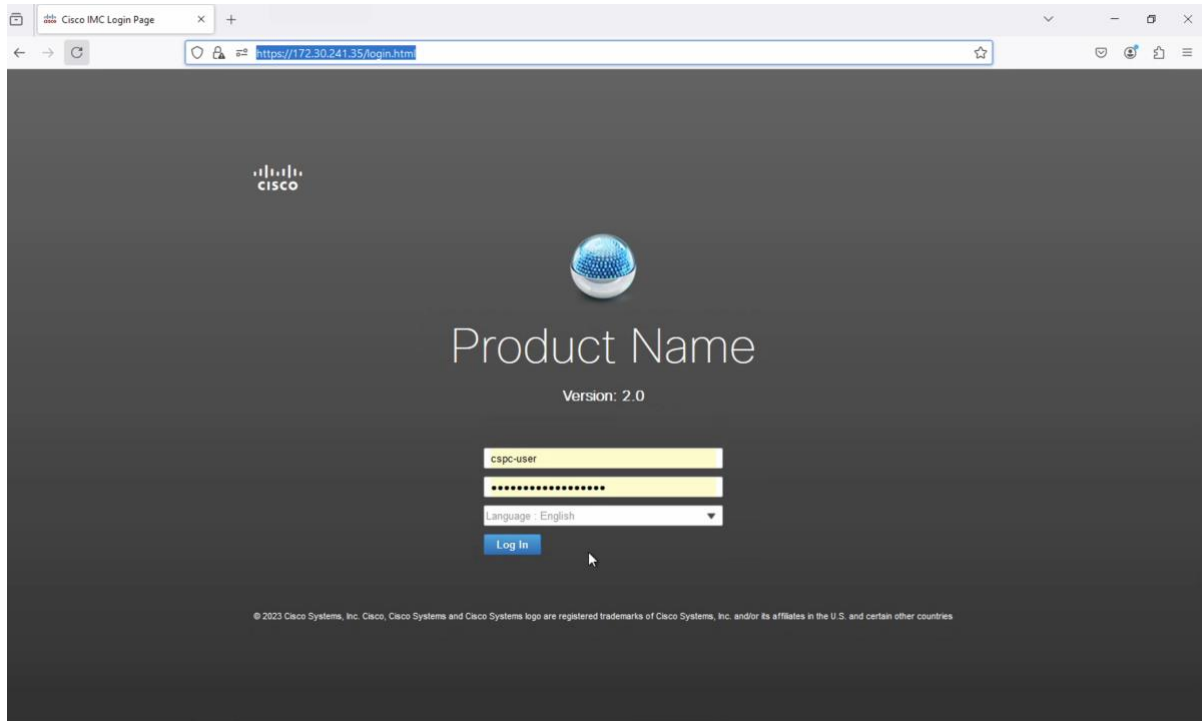
1. Open a browser window and enter the CIMC IP address on the address bar as seen below. *(The next steps may vary slightly depending on the browser. These steps were done on Google Chrome)*
2. Click **Advanced**



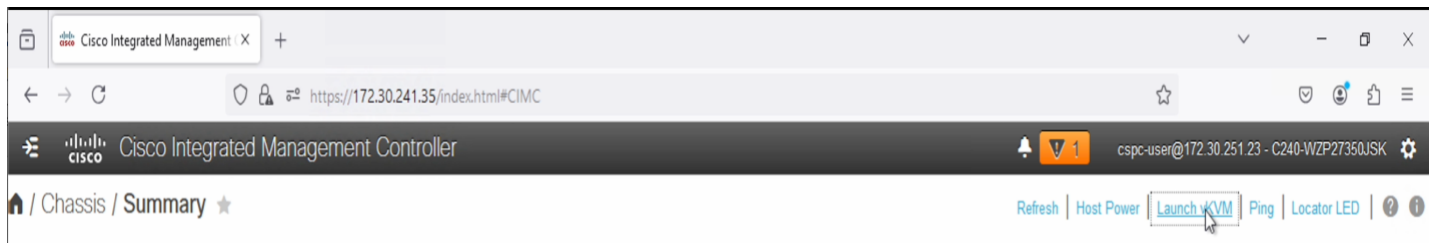
3. Click on **Proceed to <your\_ip\_address> (unsafe)**.



4. Login to the CIMC console with your admin credentials.



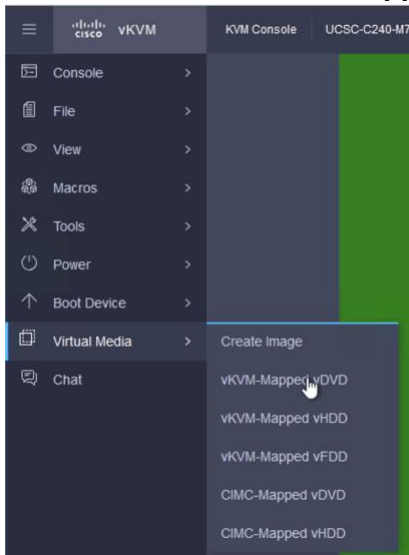
5. Launch the KVM session by selecting the button shown below.



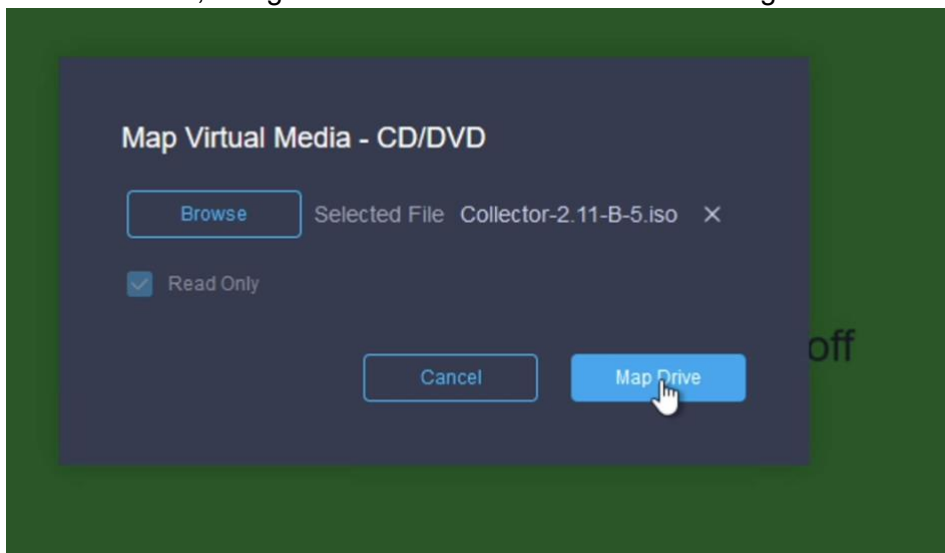
6. Click on the link provided.



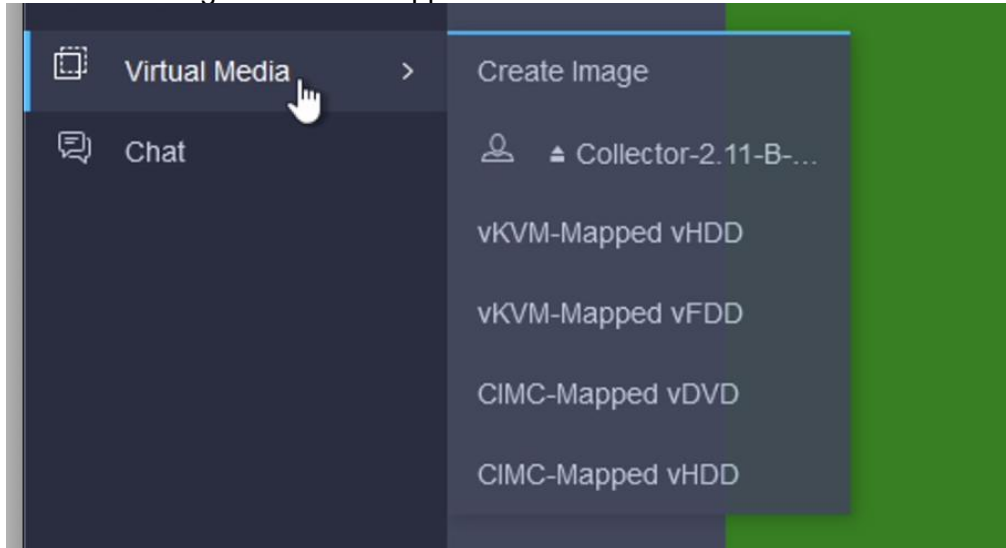
7. On the screen displayed, select **Virtual Media > vKVM-mapped vDVD**.



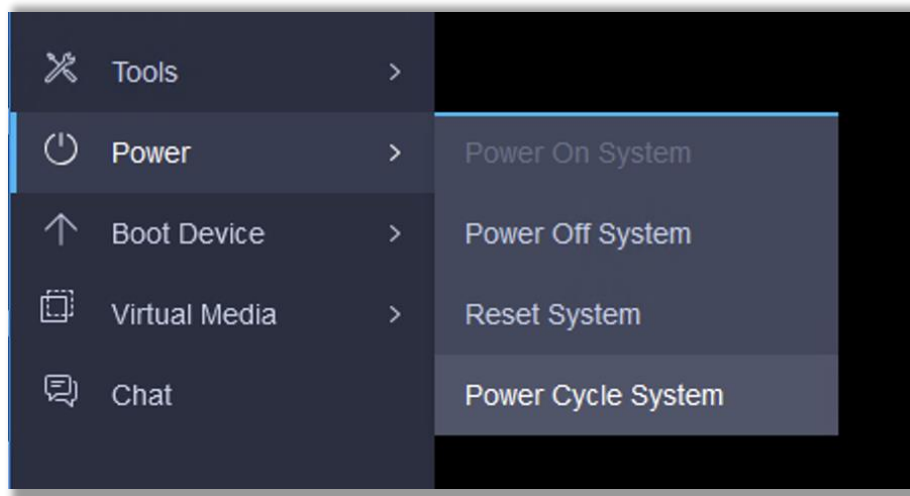
8. Click on Browse, navigate to where the CSPC 2.11 ISO image is located and click on **Map Drive**.



10. Confirm that the image has been mapped.



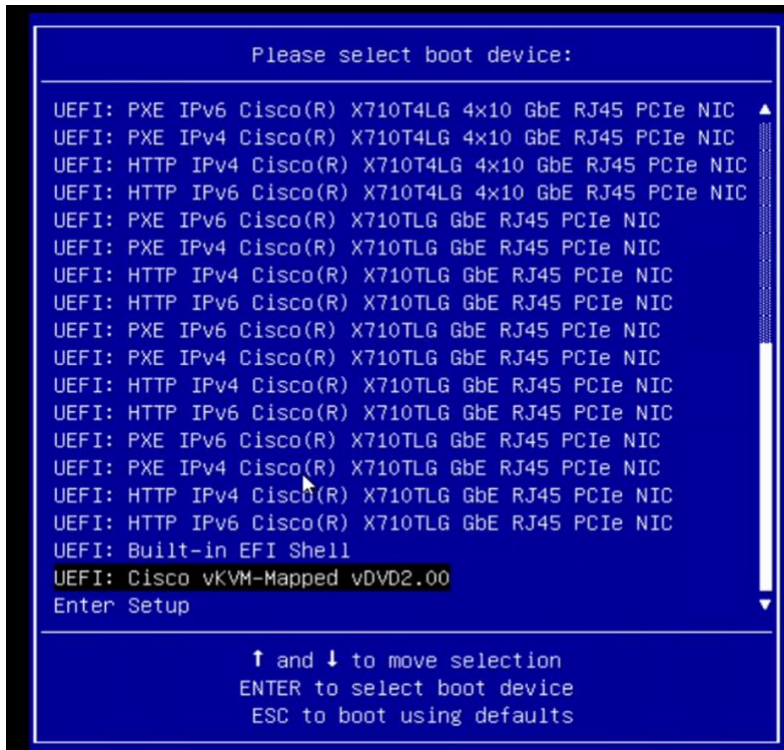
11. Reboot the system by selecting **Power > Power Cycle System (cold boot)**.



12. Once the reboot is underway, the screen below will display. Press (F6) to enter the Boot Menu.



13. Select the Cisco vKVM-Mapped vDVD2.0 drive and press **ENTER**. Let the Installation start automatically and proceed, do not interrupt the installation.

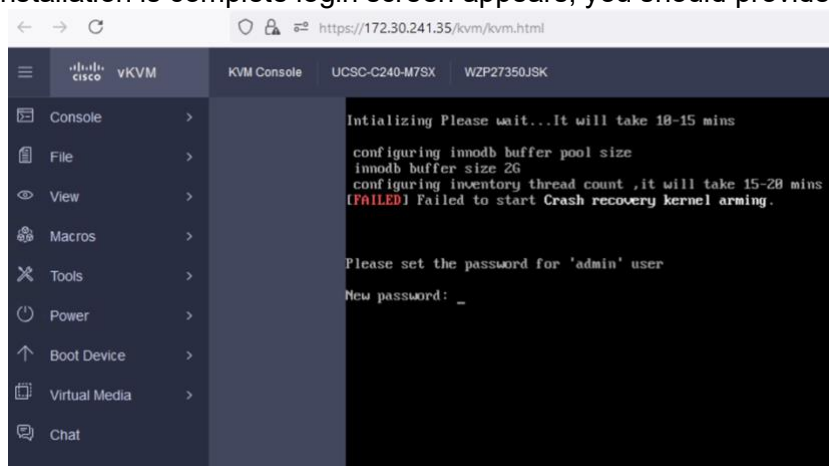


14. Allow the installation to complete, there are two intermediate reboots after installation. After this, the CSPC software will be fully installed.

**Note:** It takes around 1:30 min to finish.

**Note:** Ensure that the computer runs on the KVM session, do not turn off or lose network connection during the installation and connection should be active until first reboot is completed.

15. After installation is complete login screen appears, you should provide new admin login password.



16. Select **1** to configure IPv4 address or select **2** to configure IPv6 address.

```
Please enter your choice from the below options to configure the appliance :  
  
1. IPv4 Configuration  
2. IPv6 Configuration  
3. Go to Command Line (Shell)  
  
Enter your choice : _
```

17. Once you configure IP Address, you will be able to access the box with assigned IP-address via ssh CLI or Web-UI (<https://<ip-address>:8001>)



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