ISO Image Installation Guide

cisco.

Cisco CSPC

Installing the CSPC ISO Image

March 2024

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Follow these steps to install the CSPC ISO image on the hardware unit you created based on the <u>CSPC ISO Application Note</u>.

IP Configuration

- 1. Boot up the 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).

Aptio Setup Utility – Copyright (C) 2023 American Megatrends, Inc. Main Advanced Server Mgmt Security Boot Options Save & Exit			
Boot Configuration Setup Prompt Timeout	3	Set either UEFI Boot mode or Legacy Boot Mode. In UEFI Boot mode. only UEFI BootOptions.	
SecureBoot Support Boot Hode CDN Control Adaptive Memory Training	Disabled [UEF1 Mode] [Enabled] [Enabled]	UEFI OpROM will load and display. LEGACY BOOTOPTIONS and PCIOpROM will load and execute in LEGACY mode.	
OptionROM Launch Optimization BIOS Techlog Level	[Enabled] [Minimum]		
Boot Option Priorities Boot Option #1 Boot Option #2	[AlmaLinux] [UEEI: Built-in EEI		
Boot Option #3	Shell] [UEFI: PXE IPv4 Intel(R) Ethernet	++: Select Screen fl: Select Item Enter: Select (/ : Share Set	
Boot Option #4	[UEFI: PXE IPv4 Intel(R) Ethernet Controller X550]	F1: General Help F1: Optimized Defaults F10: Save & Reset System	
Boot Option #5	[UEFI: Cisco vKVM-Mapped vDVD1.24]	ESC: Exit K/M: Scroll help UP/DOWN	
 Add New Boot Option Delete Boot Option 			
Version 2.20.1276.	. Copyright (C) 2023 American	Megatrends, Inc.	

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



The following window will be shown:

View Macros Tools Help VM Virtual Media			
CIMC Configurat	tion Utility Ve	ersion 1.6 Cisco Systems, Inc.	
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Shaped LDM Ext:	ri		
IPV4 (Basic)		Factory Defaults	
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CIMC IP:	III. Said	Default User (Basic)	
Subnetmask:		Default password:	
Gateway:		Reenter password:	
VLAN (Advanced)		Port Profile	
VLAN enabled:	[]	Reset: []	
VLAN ID:			
*********	*****	****	
<up arrow)<br="" down=""><f5> Refresh</f5></up>	Select items	<f10> Save <space bar=""> Enable/Disable <esc> Exit</esc></space></f10>	

- 5. Configure an IP address for the device.
 - For a STATIC IP address, fill in CIMC IP, Subnet mask, and Gateway

File View Macros Tools Help Image: Nic Media CIMC Configuration Utility Version 1.6 Cisco Systems, Inc. NIC mode NIC mode Dedicated: [] Shared LOM: [X] Active-standby: CIMC Configuration Utility Version 1.6 Nic mode Nic mode Nic mode None: [] Shared LOM: [X] Active-standby: [] CIMC Factory Defaults DHCP enabled: [] CIMC Factory Default: Subnetmask: 255.255.255.0 Default Dassword: Gateway: 192.168.1.1_ Name: Priority: 0	A 10.150.19	0.154 - KVM Console		A CONTRACTOR OF TAXABLE PARTY.	
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		<f5> Refresh</f5>		<esc> Exit</esc>	

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

10.150.190.154 - KVM Co	onsole	
File View Macros Too	ls Help	
KVM Virtual Media		
CIMC Con	figuration Utility Vers	sion 1.6 Cisco Systems, Inc.
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NIC Prope	rties	
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Shared L	OM Ext: []	
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<f5> Ref</f5>	resh	<esc> Exit</esc>

- 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).

Cisco Integrated Manager ×		Sec. 1
← → C 🕼 barp5://10.150.190.154/login.html		
	Your connection is not private	
	Attackers might be trying to steal your information from 10.150.190.154 (for example,	
	passwords, messages, or credit cards).	
	Hide advanced Back to safety	i de la companya de l
	This server could not prove that it is 10.150.190.154; its security certificate is not trusted	
	by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.	
	Proceed to 10.150.190.154 (unsafe)	
	NET::ERR_CERT_AUTHORITY_INVALID	



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



5. Launch the KVM session by selecting the button shown below. Choose whether to launch the HTML or JAVA based KVM. In this example, HTML is used.



Note: To launch the KVM console use either Java based or HTML based KVM.

6. Click on the link provided.



7. On the screen displayed, select Virtual Media > Activate Virtual Devices.



8. Once virtual media is activated, map the ISO image by selecting **Map CD/DVD...** under Virtual Media.



9. Click on Browse, navigate to where the 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 vDVD drive and press ENTER.

AlmaL.	inux	AlmaLinux					
UEFI:	Built-in	EFI Shel.	1				
UEFI:	PXE IPv4	Intel(R)	Ethernet	Controller	X550		
UEFI:	PXE IPv4	Intel(R)	Ethernet	Controller	X550		
UEFI: Cisco vKVM-Mapped vDVD1.24							
Enter	Setup						



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

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.

cisco integrated Management Controller	the second
File View Macros Tools Power Boot Device Virtual Media Help	
Please set the password for 'admin' user	
New password: _	

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



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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