Cisco CSPC

Troubleshoot guide for bringing up the Admin shell using Linux boot ISO.

August 2024

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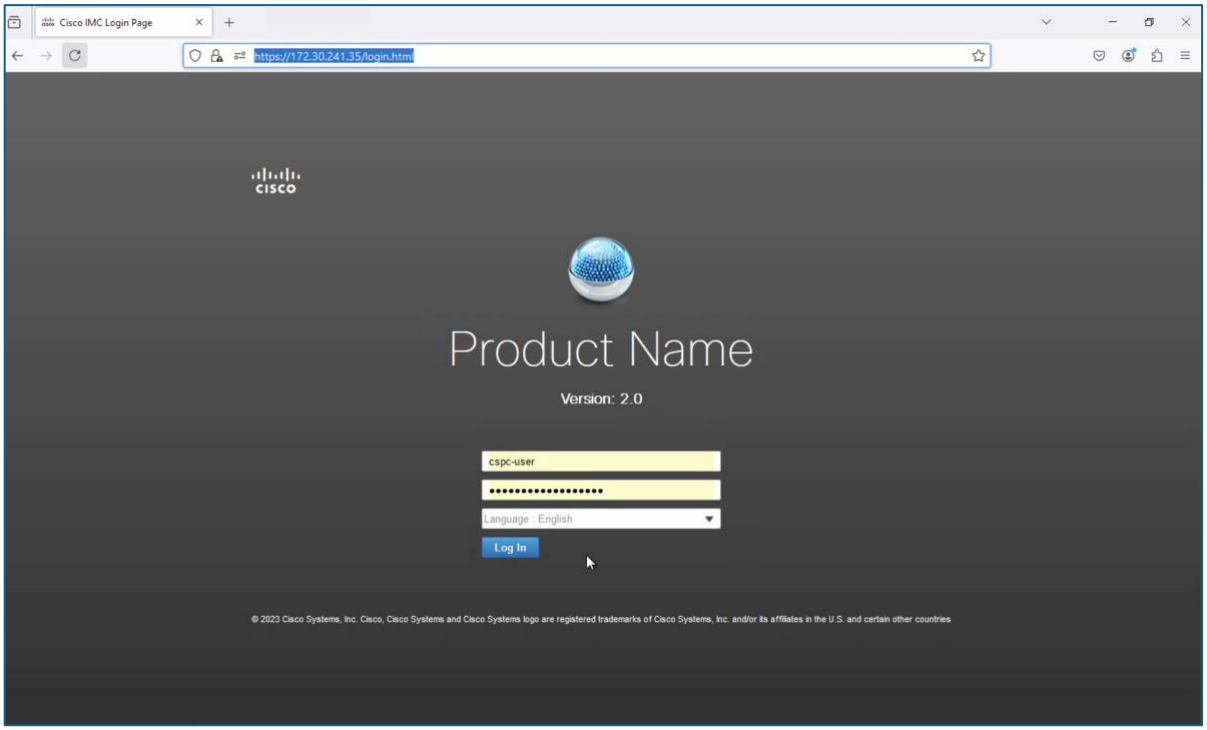
1. Download the Alma-Linux-boot ISO to PC (to use it in Step#7).
   https://repo.almalinux.org/almalinux/9/isos/x86_64/AlmaLinux-9-latest-x86_64-boot.iso

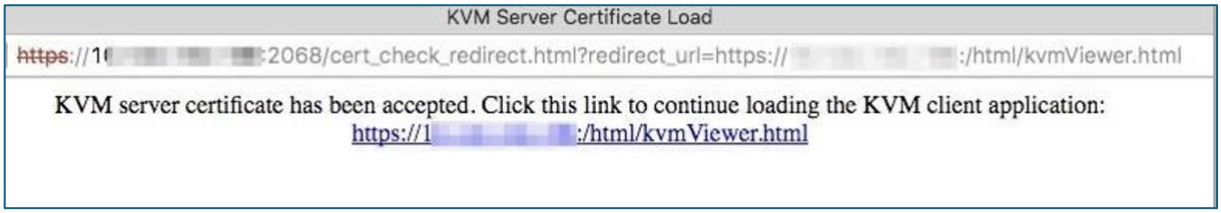
2. Open Browser to login to CIMC.

3. Login to the CIMC console.



4. Launch the KVM session by selecting the button (Launch KVM) shown below.

5. Click on the link provided.



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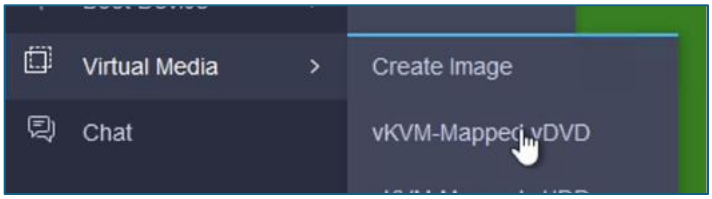
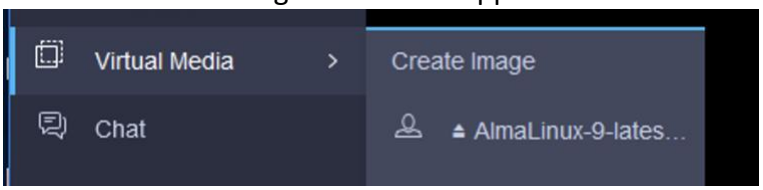
6. On the screen displayed, select **Virtual Media > vKVM-mapped vDVD**.

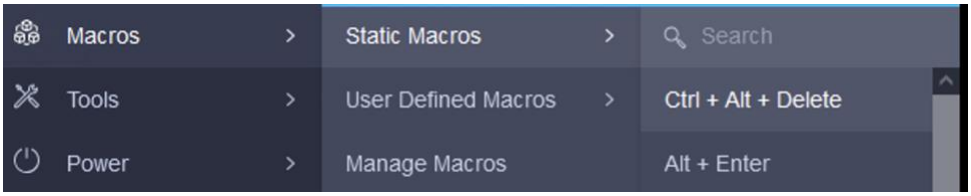


7. Click on Browse, navigate to where the Linux-boot-ISO image (downloaded in step#1) is located and click on **Map Drive.**

8. Confirm that the image has been mapped.



9. Reboot the system by selecting **Macros > Static Macros > Ctrl+Alt+Delete**



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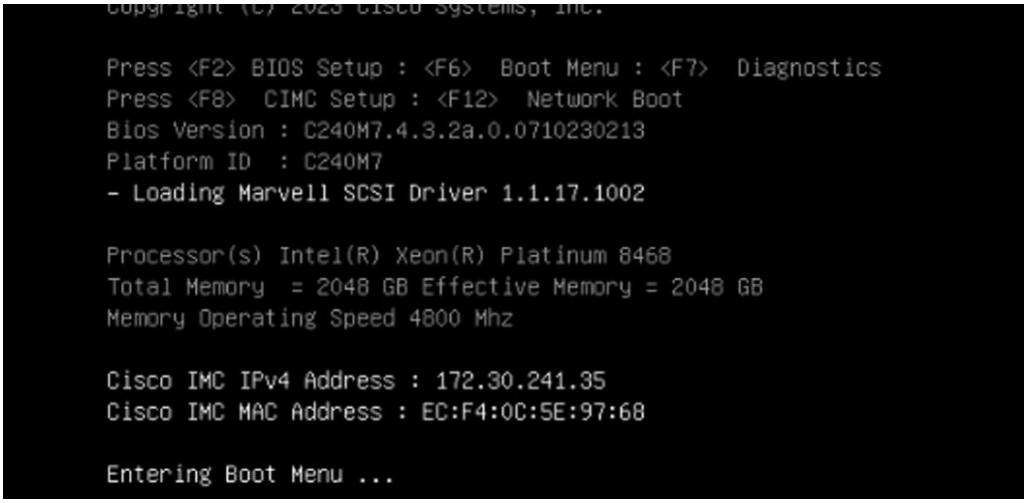
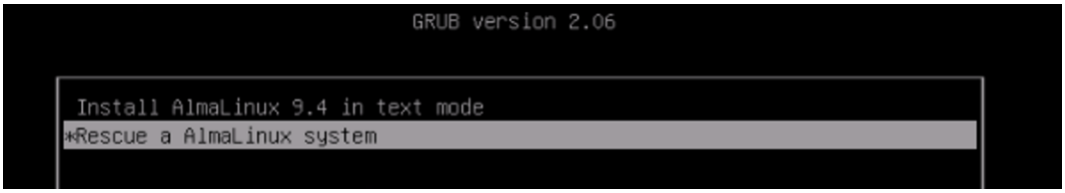
10. Once the reboot is underway, the screen below will display. Press (F6) to enter the Boot Menu.



11. Select the Cisco vKVM-Mapped vDVD2.0 drive and press **ENTER**.

12. Choose ‘Troubleshooting’ and press “Enter”

13. Choose ‘Rescue a AlmaLinux System’



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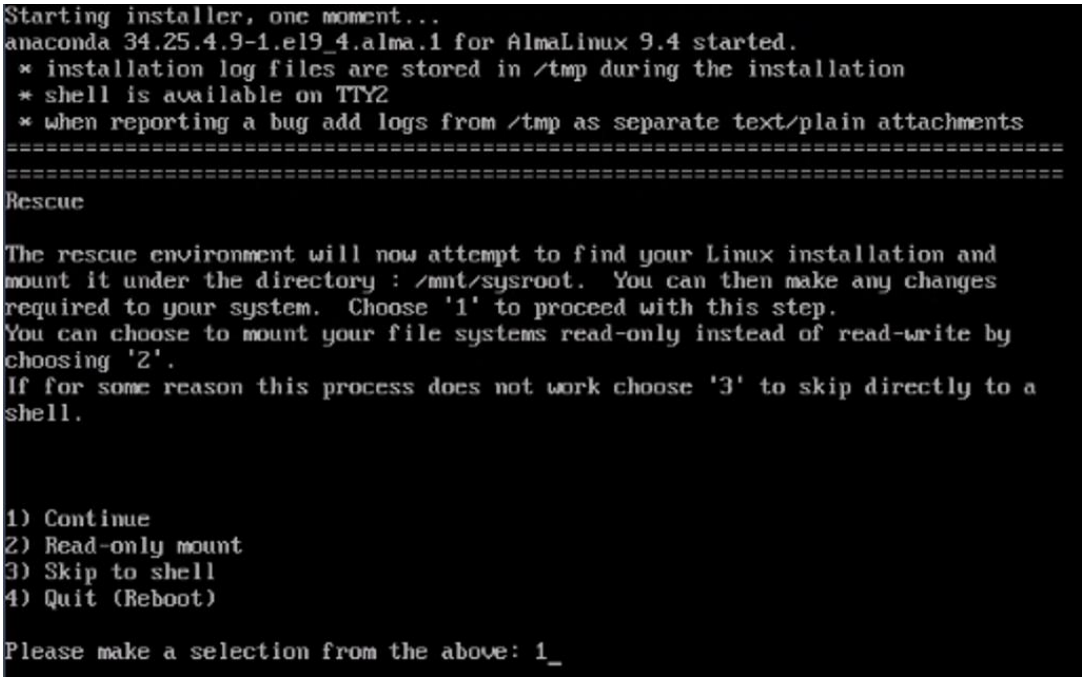
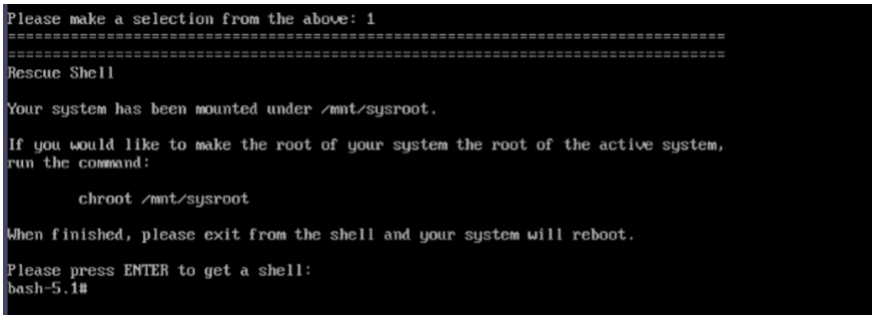
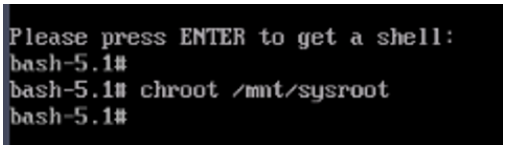
14. Choose [1] to continue.



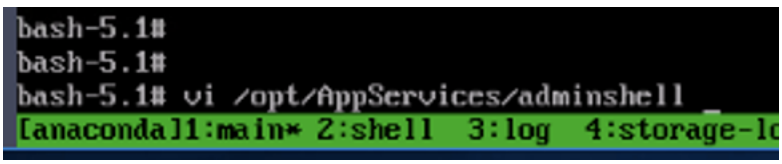
15. Press “ENTER” to login to shell.



16. Run command ‘**chroot /mnt/sysroot’** to get into the local HD partition with bash shell.



17. Open file “ vi /optAppServices/adminshell”



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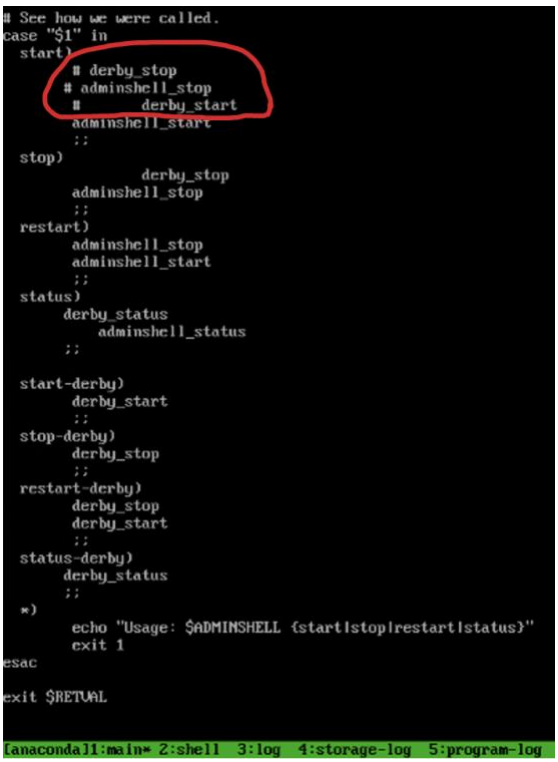
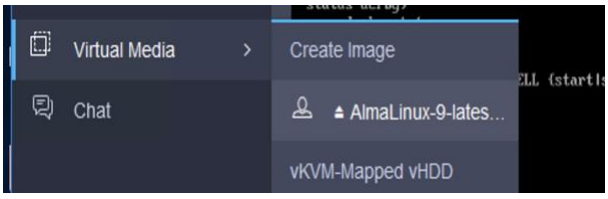
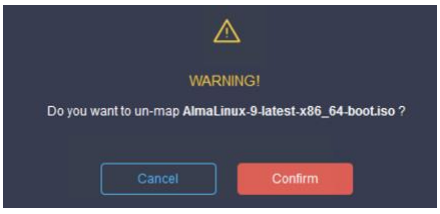
18. Please comment the three lines as shown in below, Present at the end of file. Save the file.



19. Enter "**exit**" twice which will send the VM to reboot automatically.

20. Unmount the Almalinux-boot ISO, by clicking **Vitual Media > AlmaLinux-ISO** and **Click "Confirm"**





21. Once boxes boots up, Admin shell we will be able to login.

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Printed in USA 08/24

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