

SOP For CPLD flashing in BMC WEBUI

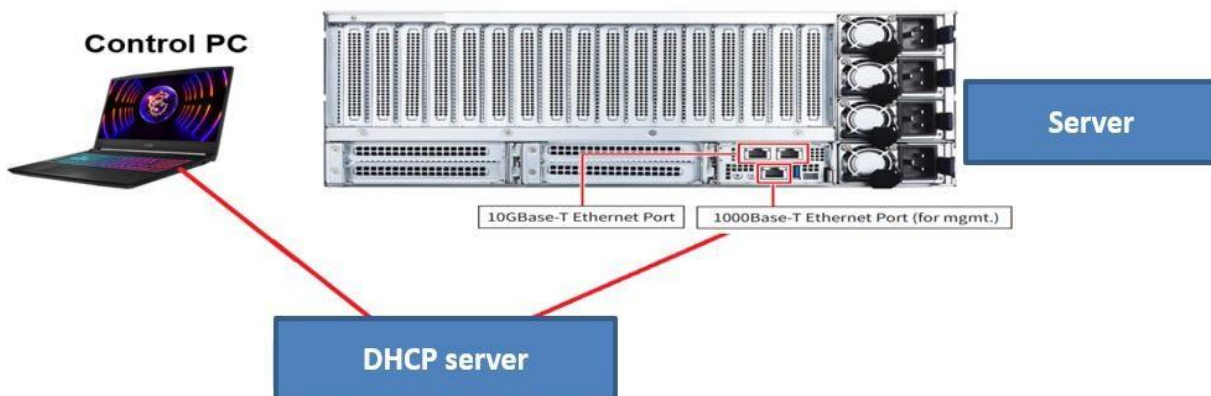
Model Name-MDI300A3R-212

1.Fail to Flash CPLD

If it fails to update CPLD, do not remove the power cord.

- Power Off the system from BMCWEBGUI.
- Update “s3681_R21_v18_0x058B_20260326.hpm” first, then update “s368D_R20_v20_0xCDA0_20260325.hpm”.
- Don’t power off between the two updates. A power interruption midway will cause the device to fail to boot.
- Next, you can try to update CPLD again via WEB.
- During flashing CPLD, if the web is logout, you may not login again. Please use “ipmitoolmc reset cold” command to reset BMC and wait for 3 mins for BMC ready.
- After that, you can login to WEB again in order to flash CPLD again.

Step.1 Use a LAN cable to connect the MGMT port of the Server with DHCP server & use another LAN cable to connect control PC with **DHCP server**.

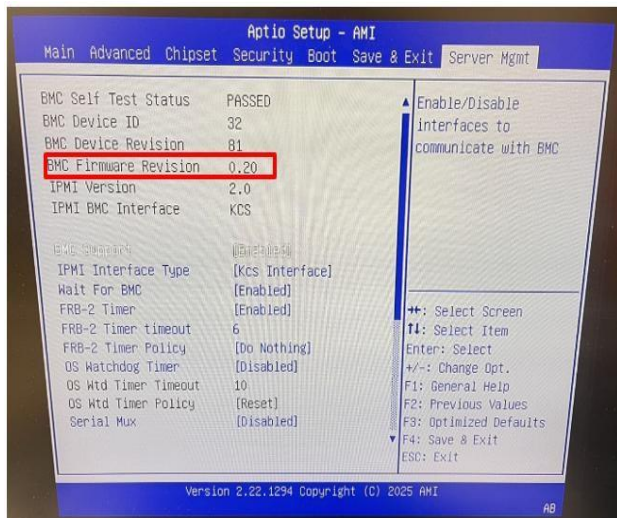


Or use a LAN cable to connect with the MGMT port of the Server and control PC if using **static IP**.

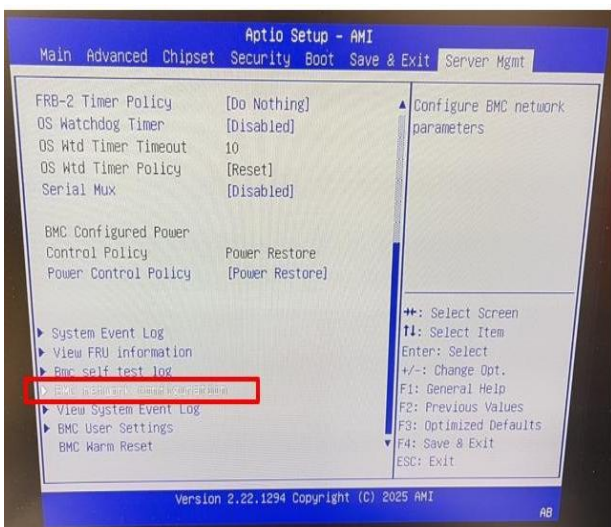


Step.2 Power ON the system and click “Del” and “F2” keys to enter the BIOS setup menu.

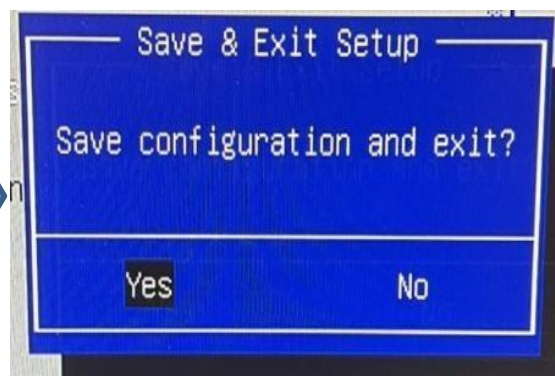
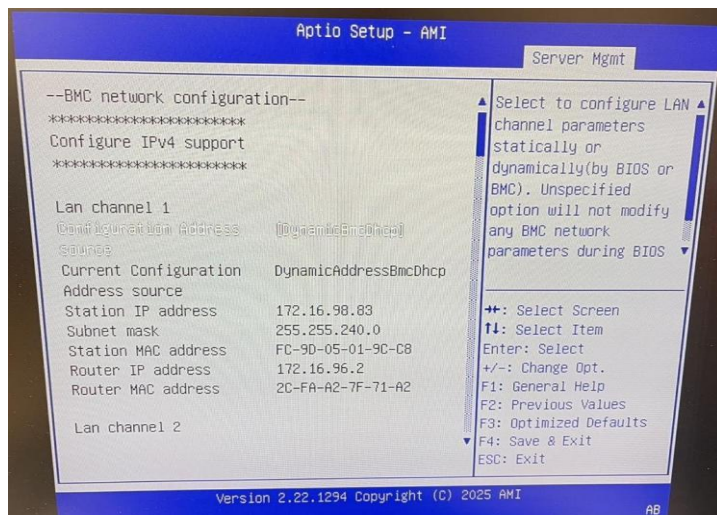
Step.3 Select “Server Mgmt” in BIOS and check BMC FW version.



Step.4 In “Server Mgmt” choose “BMC network configuration”.



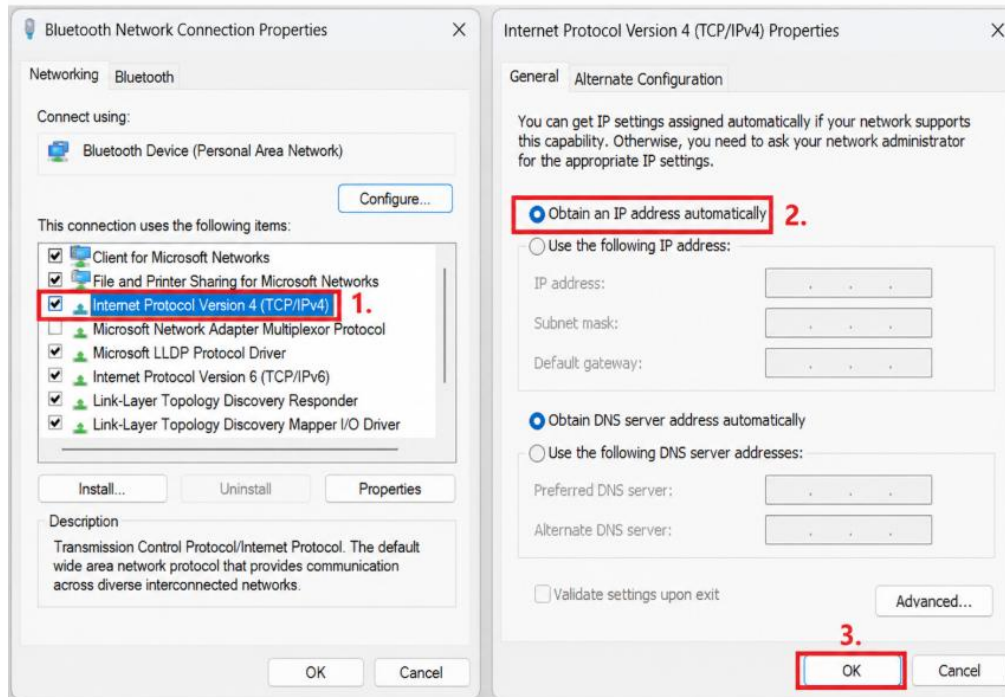
Step.5 On “Lan channel 1” >> “Configuration Address source” item choose “DynamicBmcDhcp”.



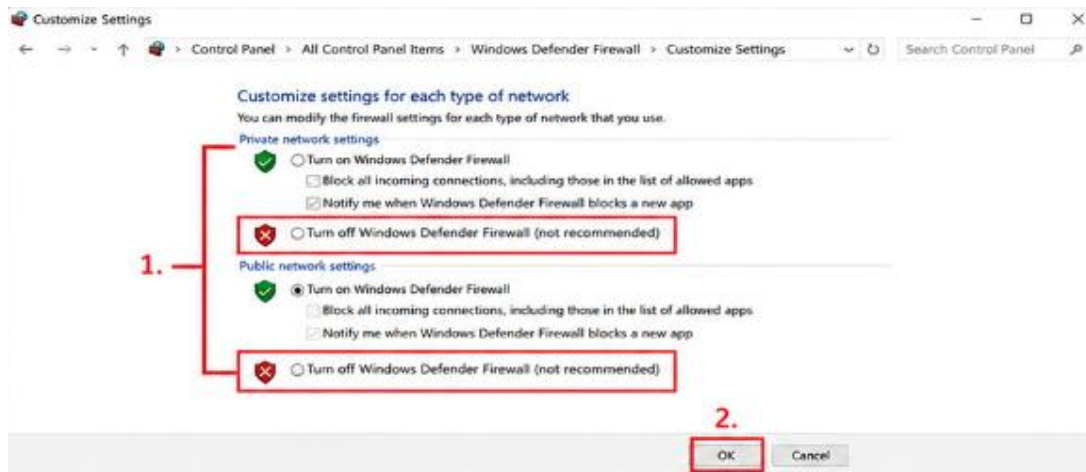
Step.6 Click F4 key, then choose Yes and press Enter to Save configuration and exit.

Control PC settings

Step.1 In the control PC set TCP/IP4 address. Keep obtaining IP address automatically.

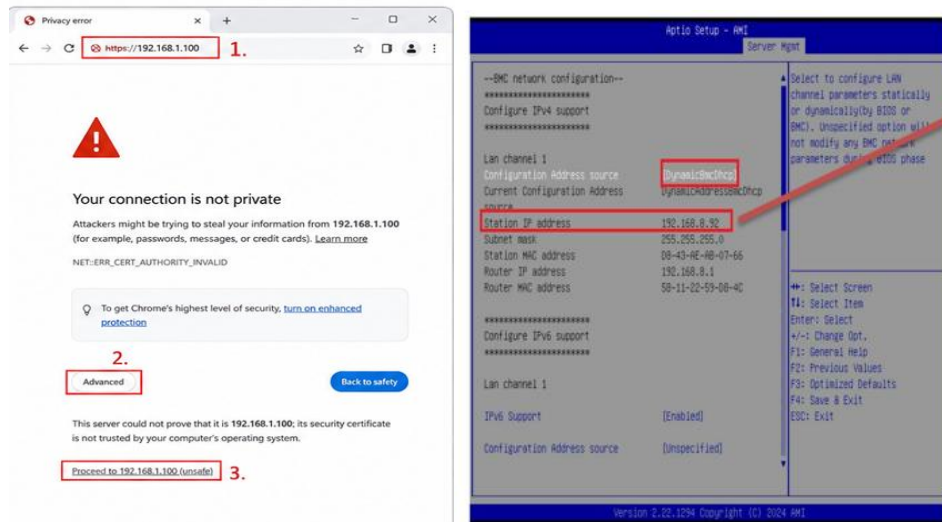


Step.2 Turn off the Windows Defender Firewall.



Step.3 Open a web browser, then key in “https://IP address which shows in BIOS of server”.

Step.4 If it shows a warning, click “Advanced and Proceed anyways”.



Step.5 Default value User = “admin”, password = “netweb@123”, then click to “Sign me in”.

Step.6 You will be asked to reset the password, please click “ok”.

Step.7 Then Re-log in, User = “admin”; password = “your set password”.

Tyrone

Password should be changed for default user and should have a minimum of 8 characters and maximum of 16 characters.

Submit

Tyrone

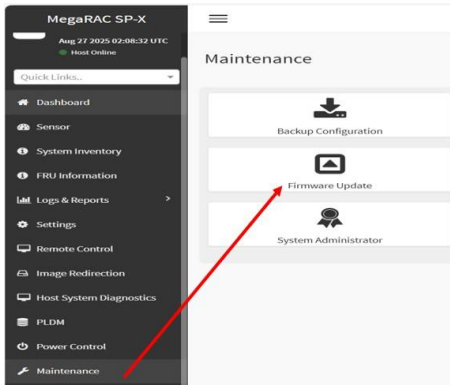
☐ Remember Username

Sign me in

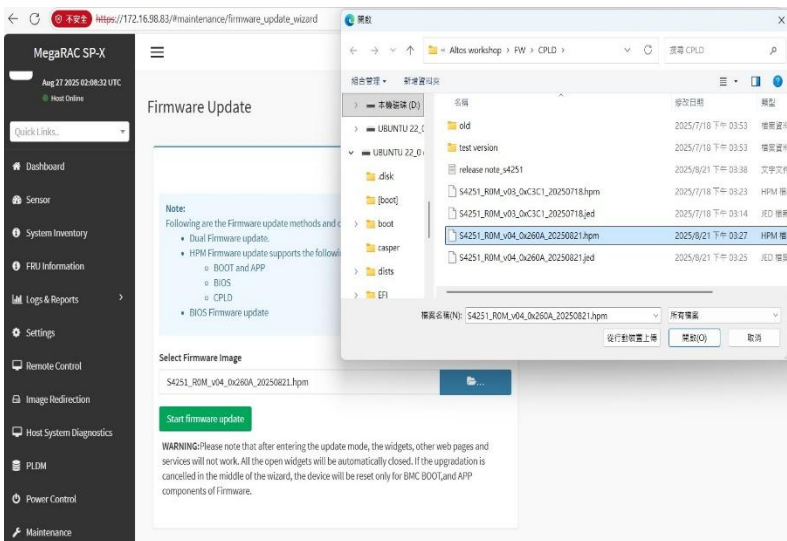
[I forgot my password](#)

Flash CPLD

Go to BMC and Select Maintenance page & Click Firmware update.



Select the xxxx.hpm CPLD file.



Click Proceed and confirm to upload the CPLD files.

