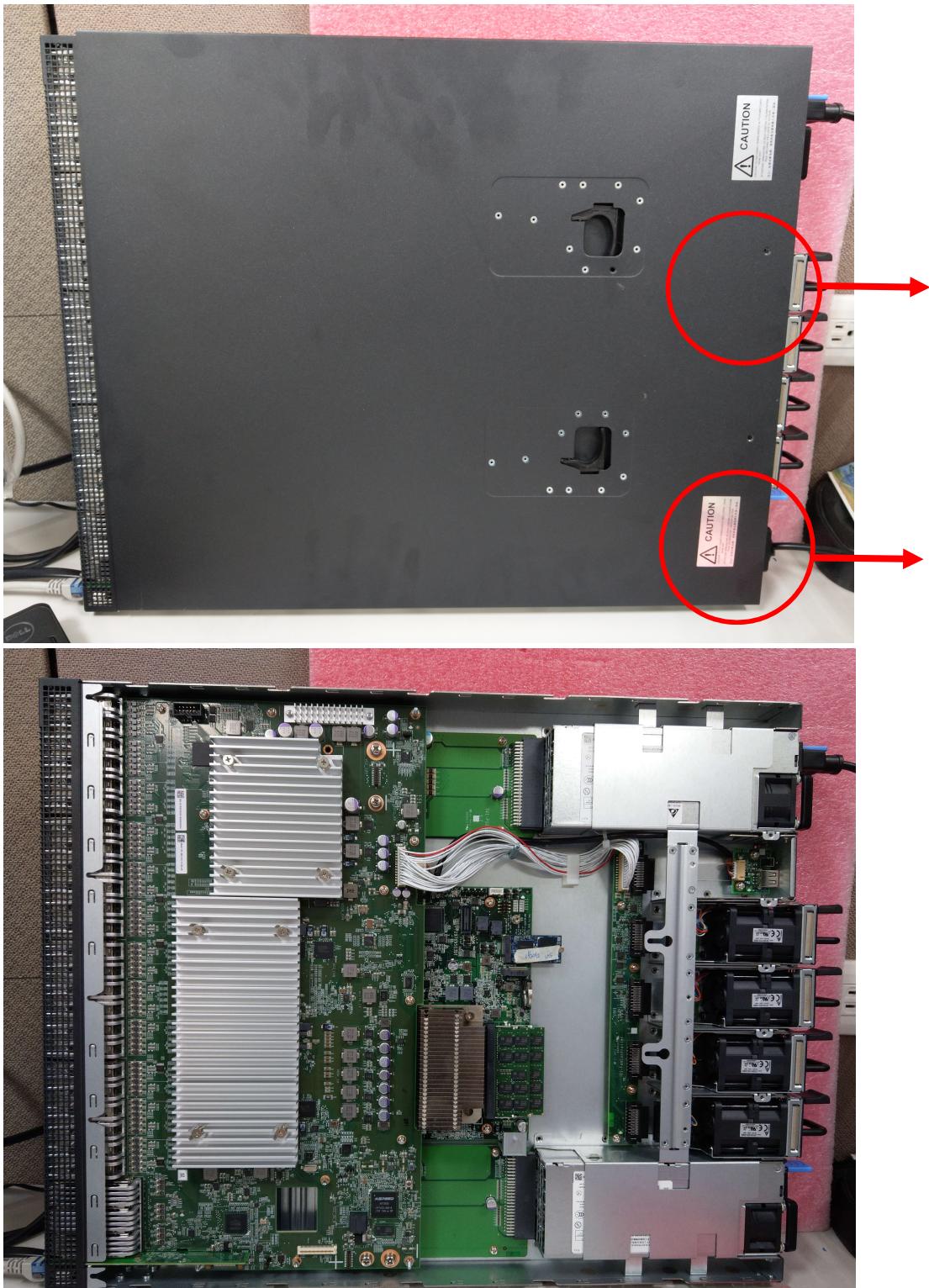


AGC7648SV1 Upgrade BMC

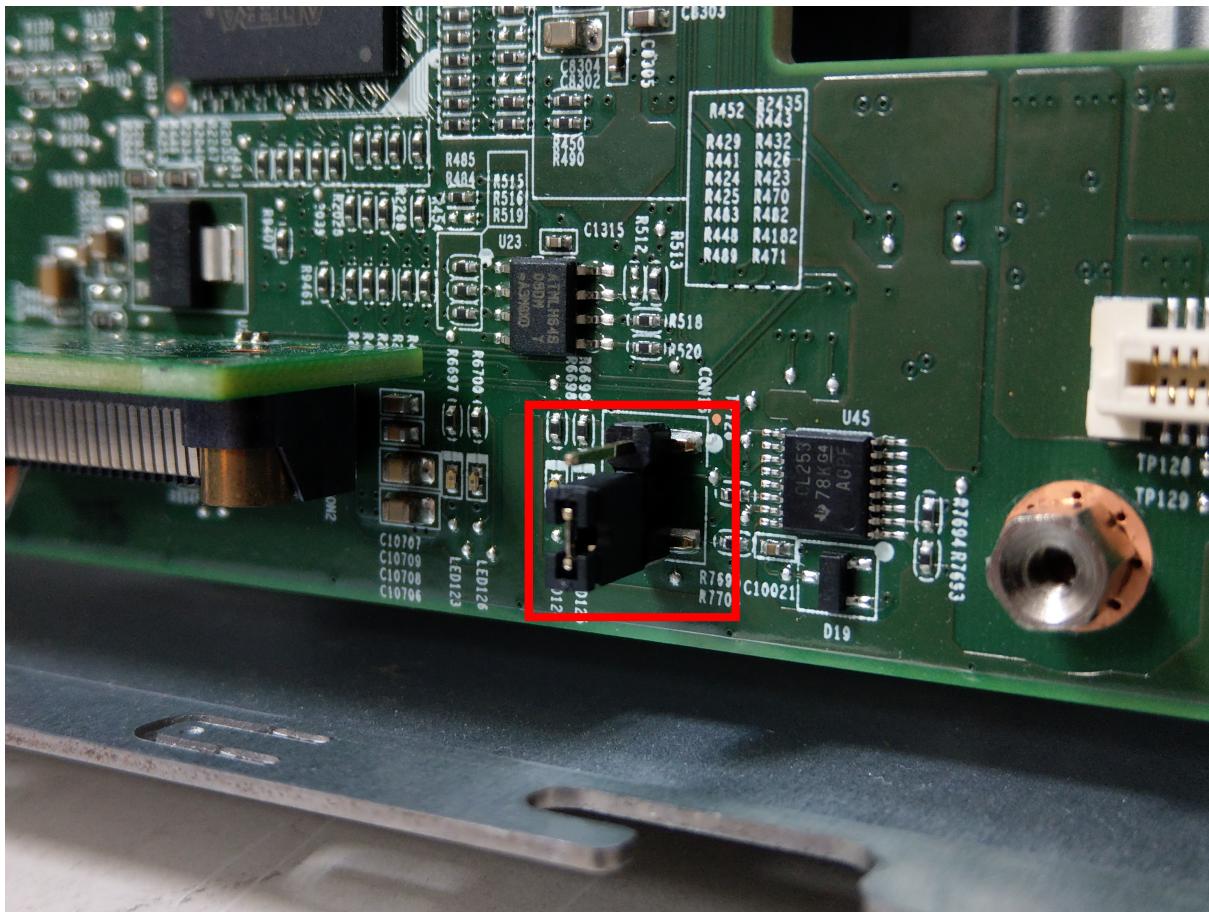
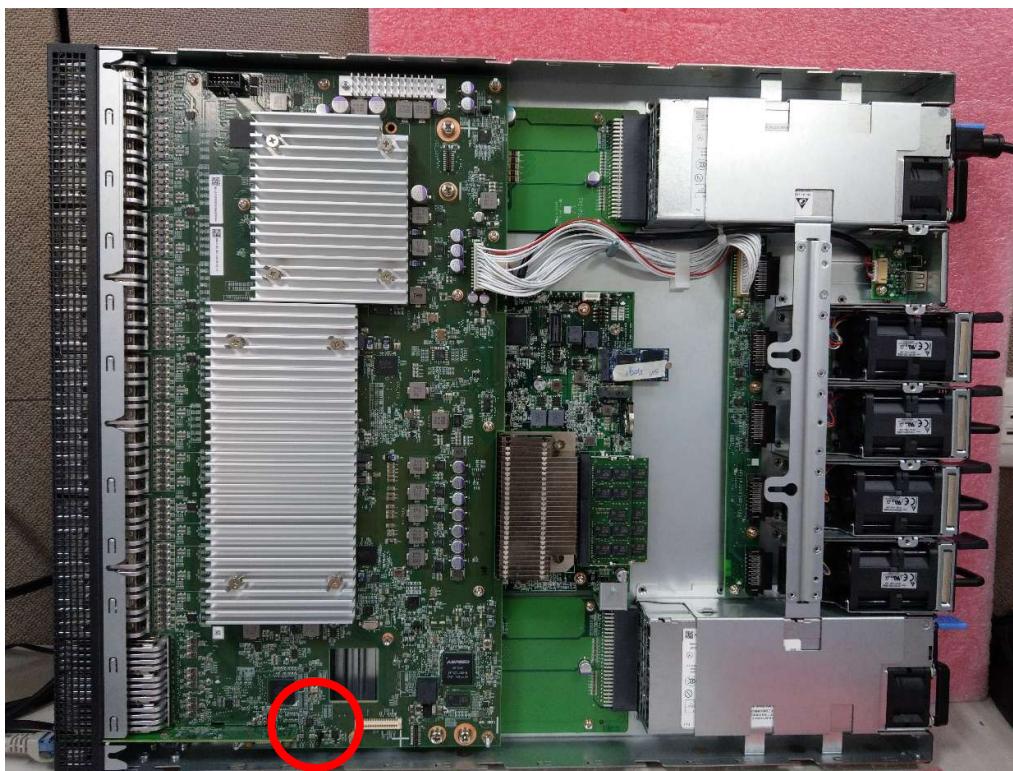
Version Number: V1.1

Update BMC

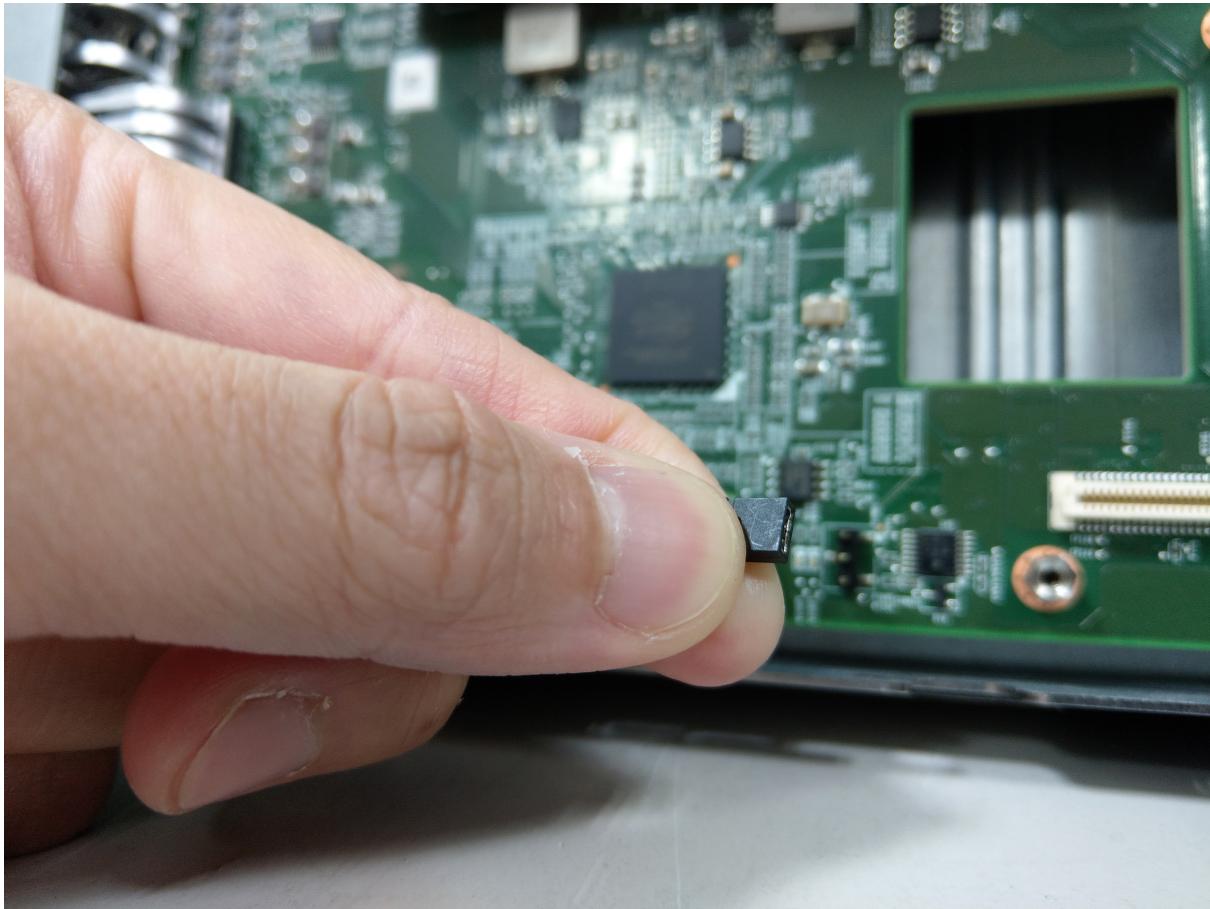
1. Please remove chassis



2. Find the jumper



3. Remove the jumper



4. Connect PC to DUT device with a console cable, console setting is 115200,8n1.

5. Power on and it will enter to BMC.

6. Login BMC(Account: sysadmin password: superuser)

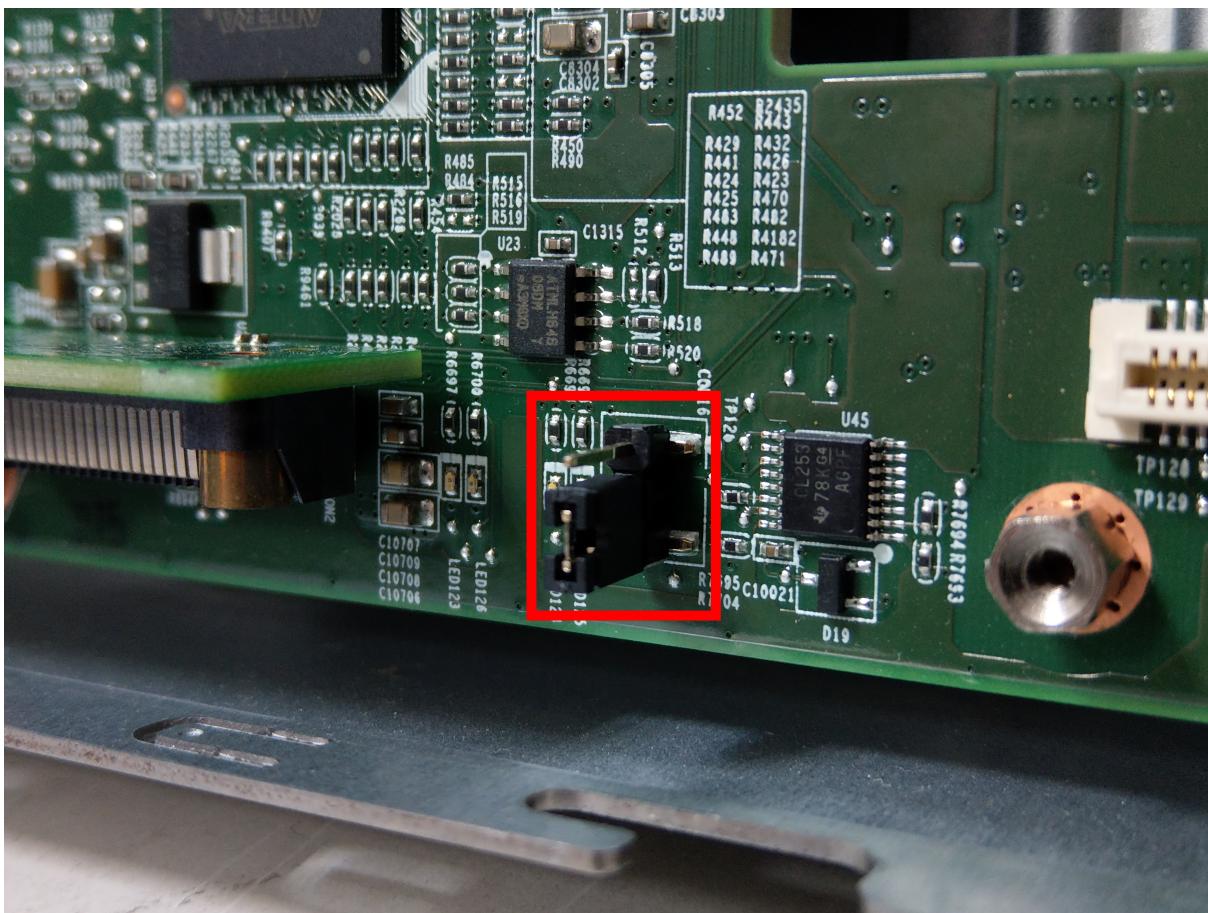
```
DNI6CB9C5163846 Login: sysadmin
Password:
[1860 : 1860 INFO]SERIAL Login from IP:127.0.0.1 user:sysadmin
```

7. copy default config to conf

command : cp -r /etc/defconfig/ /conf/

```
~ # cp -r /etc/defconfig/ /conf/
~ # █
```

8. Please put the jumper back and put the chassis back then the console will change to ONL.



9. Prepare USB storage.

10. Put the updated files (AGC7648SV1_V1.01_rom.ima and Yafuflash) into USB storage.

11. Plug the USB device into device.

12. Login (Account: root Password: onl)

```
Open Network Linux OS ONL-master, 2019-01-04.02:16-9c6ab86
localhost login: root
Password:
Last login: Sat Apr  8 00:47:03 UTC 2000 on ttys0
Linux localhost 4.9.75-OpenNetworkLinux #1 SMP Fri Jan 4 02:26:23 UTC 2019 x86_64
root@localhost:~# █
```

13. Stop ONL service

1. service onlpd stop
2. service onlp-snmpd stop

```
root@localhost:~# service onlpd stop
[....] Stopping ONLP Platform Agent: onlpd. ok
root@localhost:~# service onlp-snmpd stop
[....] Stopping ONLP SNMP Agent: onlp-snmpd. ok
root@localhost:~# █
```

14. Please wait 3 minutes.

15. Mount USB

1. rm -rf /tmp/usb
2. mkdir /tmp/usb
3. mount /dev/sdb1 /tmp/usb/

```
root@localhost:~# mkdir /tmp/usb
root@localhost:~# mount /dev/sdb1 /tmp/usb/
```

16. Change directory to USB storage and run Yafuflash.

1. cd /tmp/usb
2. ./Yafuflash -kcs AGC7648SV1_V1.01_rom.ima

```
root@localhost:/# cd /tmp/usb/
root@localhost:/tmp/usb# ./Yafuflash -kcs AGC7648SV1_V1.01_rom.ima
```

17. type "Y" to update

```
INFO: Yafu INI Configuration File not found... Default options will not be applied...
-----
YAFUFlash - Firmware Upgrade Utility (Version 4.116.0)
-----
(C)Copyright 2016, American Megatrends Inc.
The Module boot size is different from the one in the Image
So, Type (Y/y) to do Full Firmware Upgrade or (N/n) to exit
Enter your Option : y█
```

18. Please wait few minutes to update.

```
*****
WARNING!
FIRMWARE UPGRADE MUST NOT BE INTERRUPTED ONCE IT IS STARTED.
PLEASE DO NOT USE THIS FLASH TOOL FROM THE REDIRECTION CONSOLE.
*****
Preserving Env Variables...          done
Uploading Firmware Image : 100%... done
Flashing [boot] Module ....
```

19. Update success

```
Flashing [agc7648s] Module ....
Flashing Firmware Image : 100%... done
Verifying Firmware Image : 100%... done
Setting Env variables...           done
Resetting the firmware.....
root@localhost:/tmp/usb# █
```

20. When update is done, power off the device and power on again.