

Altos BrainSphere™ R385 F6 BIOS and BMC Firmware Upgrade Guide

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Preface

1. This Guide provides step-by-step instructions for updating the BIOS and BMC firmware on Altos servers. It covers preparation, execution, and verification processes to ensure system stability and reliability.
 2. Please update your system firmware with caution, as incorrect firmware updates can lead to system damage.
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Chapter 1. Log in to the BMC Web UI.

<Set BMC IP in the BIOS Setup Menu>

1. Press "DEL" during boot-up to enter the BIOS setup menu.
2. Configure your **BMC IP address** on the "Server Mgmt" page, select "Static" or "DHCP" depending on your network environment.
3. Once the settings are complete, press "F4" to save and reboot the system.

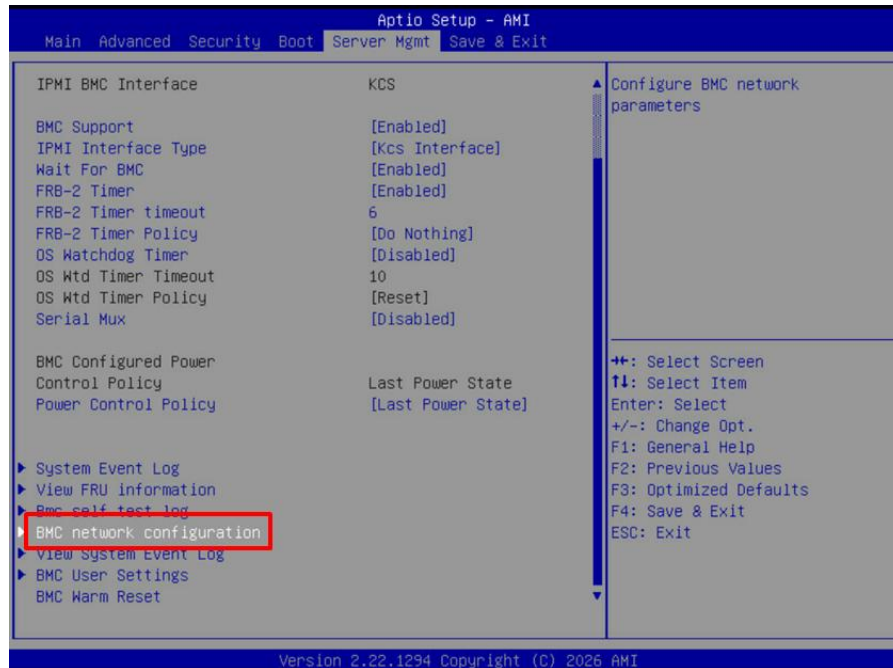


Figure 1.

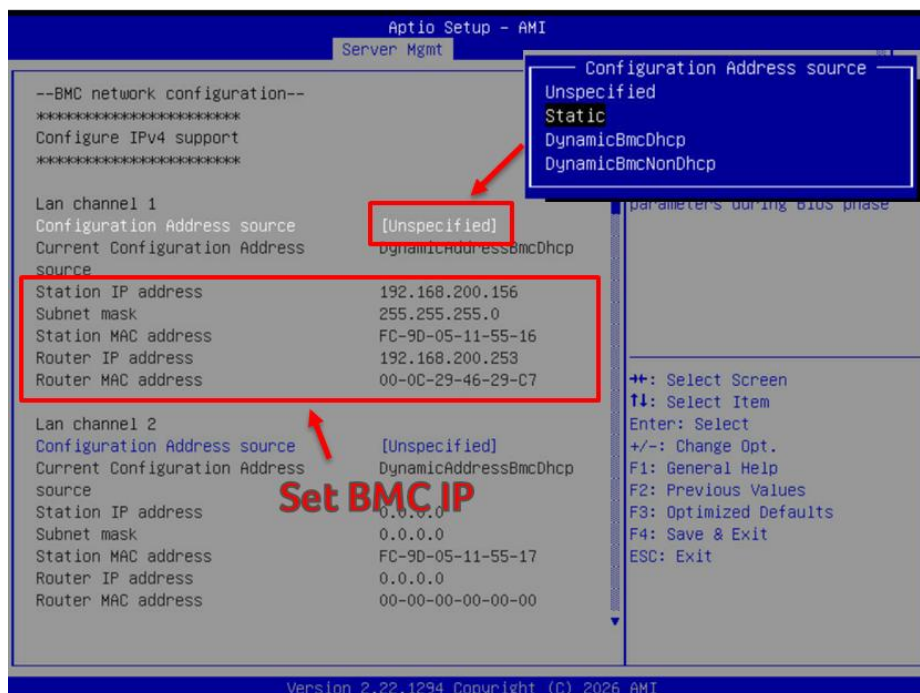


Figure 2.

< Log in to the BMC Web UI >

1. Enter your **BMC IP address** (**https://<BMC IP>**) from your laptop browser to access the BMC Web login page.
2. After entering the default username/password, a window will prompt to reset password. You will be able to log in once the new password is set.

Default username: *altos1*

Default password: *Superuser@123*

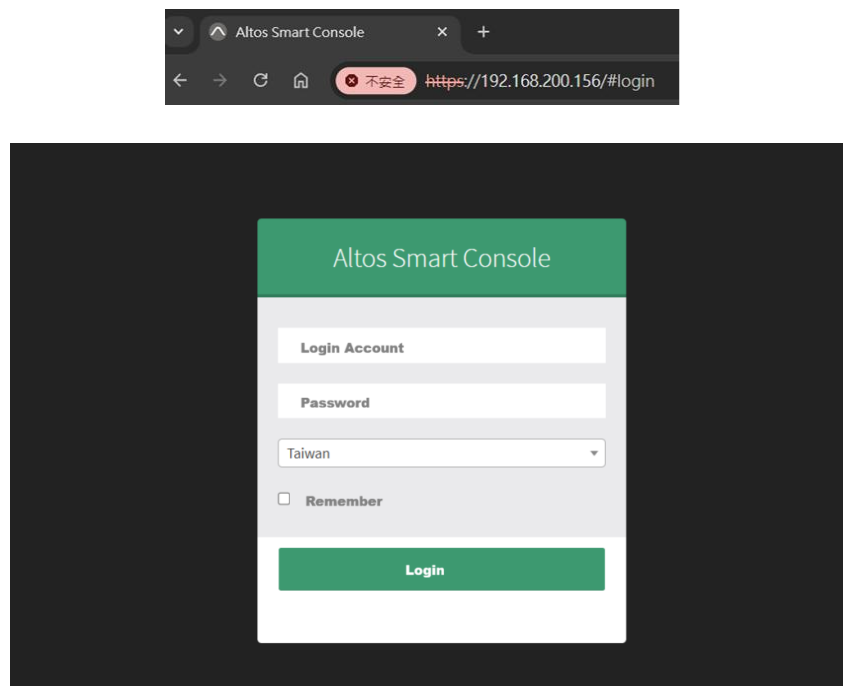


Figure 3.

Chapter 2. Update the BMC firmware in BMC Web UI

1. Access the BMC Web UI, go to the maintenance page, and select the Firmware Update option.

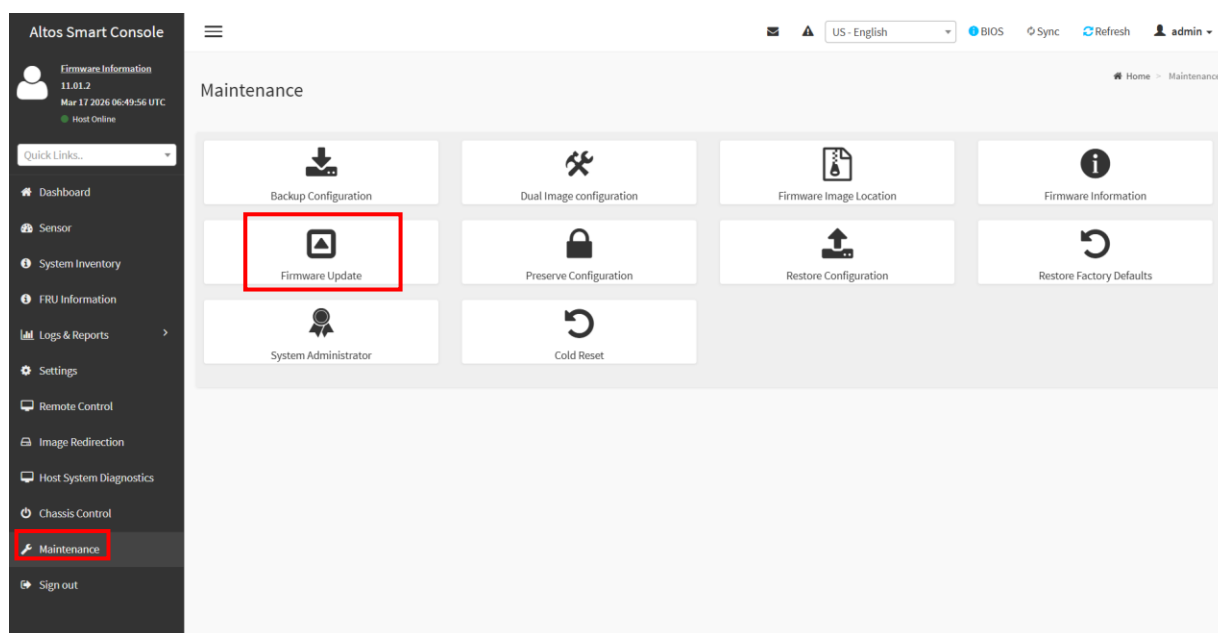


Figure 4.

2. Download the firmware update package to your computer, upload the **"ima"** file from the folder, and click on the **"Start firmware update"** option.

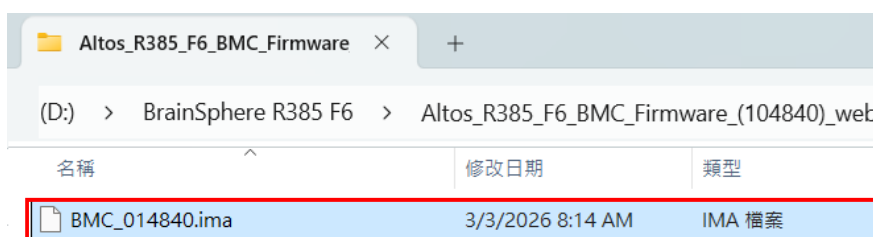


Figure 5.

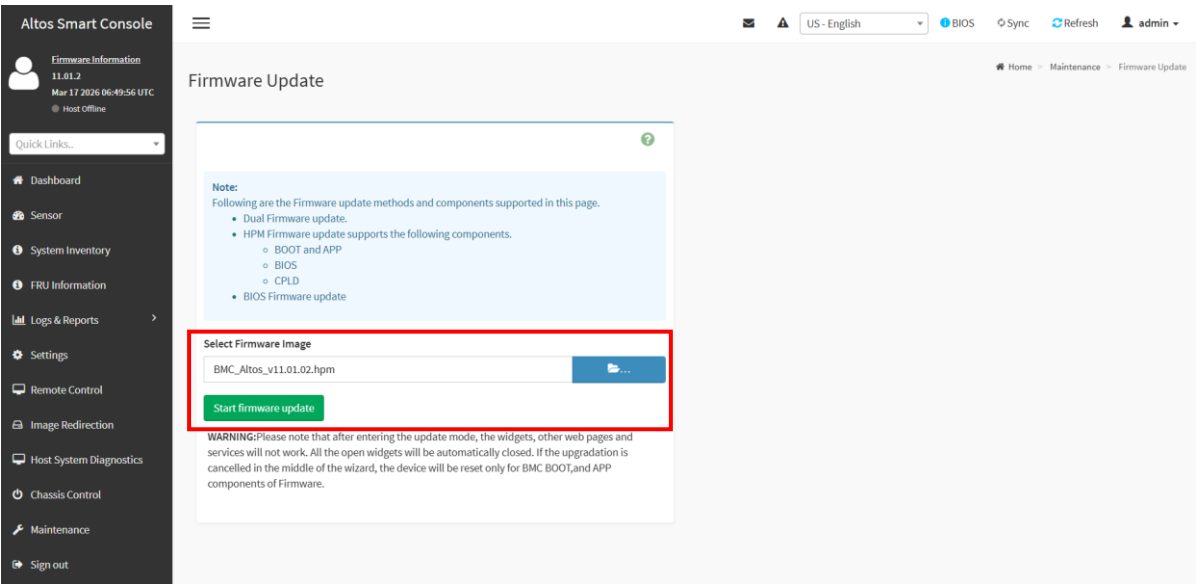


Figure 6.

3. After click **“Start firmware update”** the following screen will appear. Select **“Both image”** to update ROM1 and ROM2 simultaneously, and **uncheck “Preserve all Configuration”**.

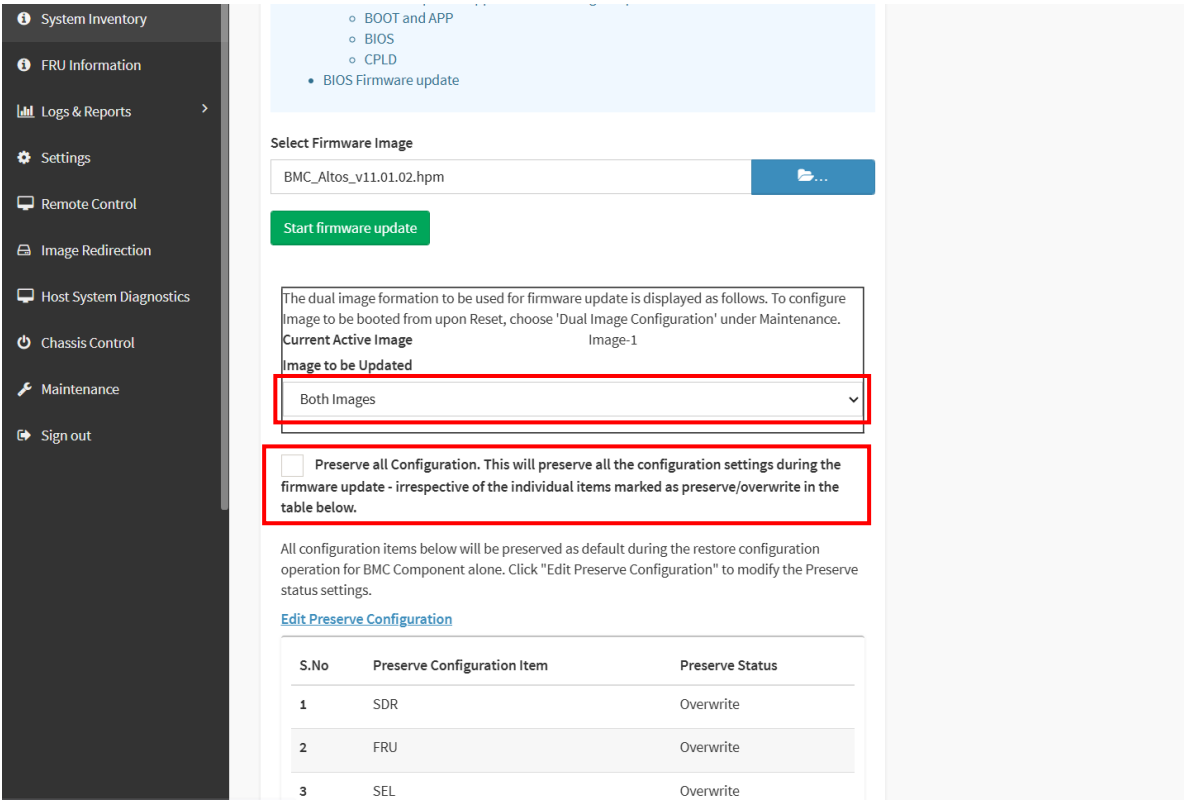


Figure 7.

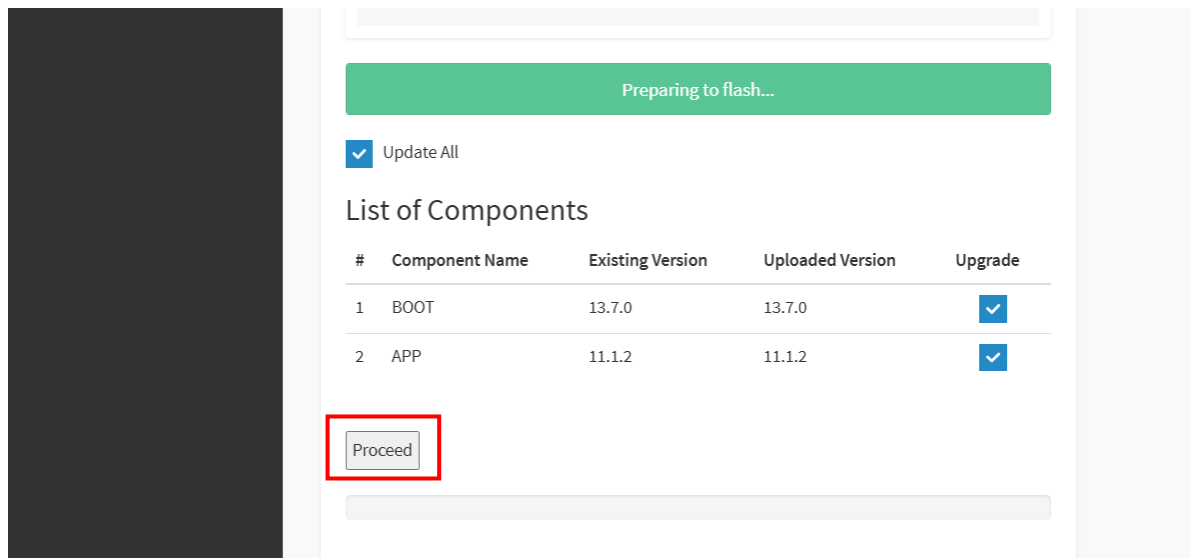
4. Press **"Proceed"** to continue

Figure 8.

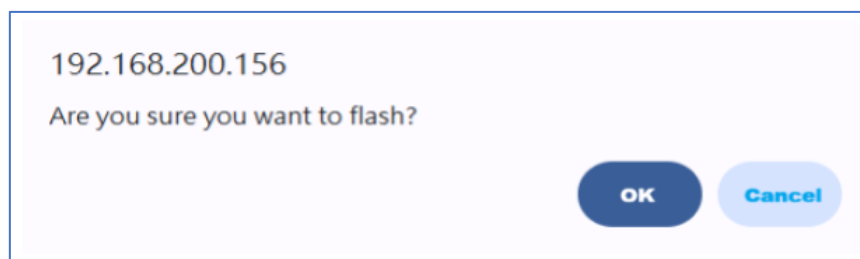
5. Press **"Yes"** to continue

Figure 9.

6. The system begins the update process. Once the update is complete, please click Yes, and the BMC will undergo an initialization process.

Note. Since Preserve All Configuration was not selected, you will need to reboot and reconfigure the BMC IP address. (If DHCP was used and bound to a MAC address, the original IP will be reassigned.)

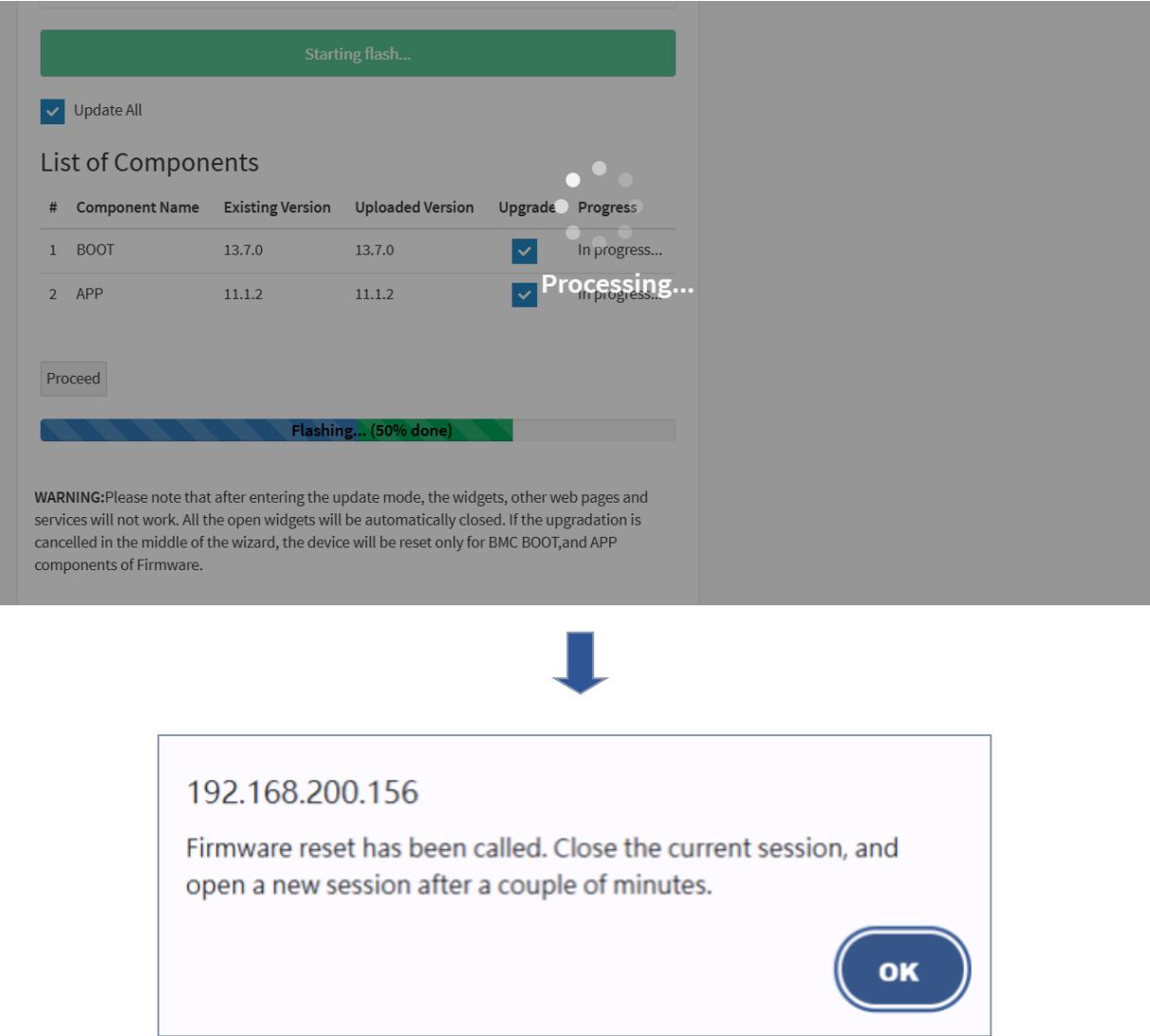


Figure 10.

7. Login to the BMC Web UI and check if the version is correct.

Chapter 3. Update the BIOS firmware in BMC Web UI

1. Access the BMC Web UI, go to the maintenance page, and select the firmware update option.

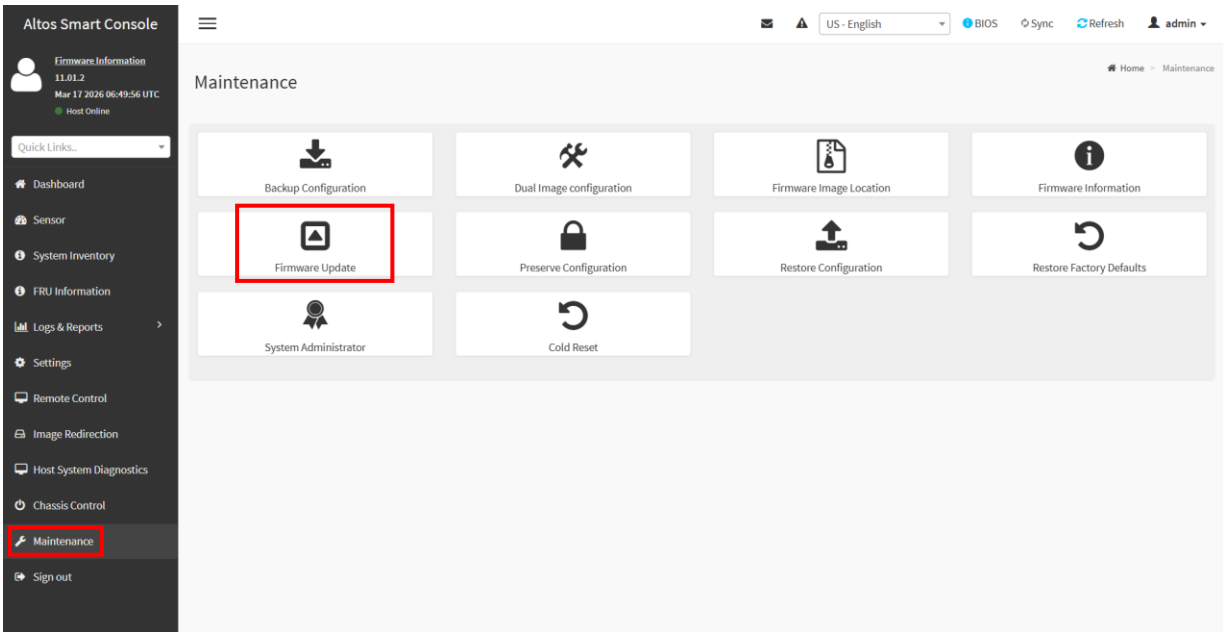


Figure 11.

2. Download the firmware update package to your computer, upload the “cpm” file from the folder, and click on the “**Start firmware update**” option.



Figure 12.

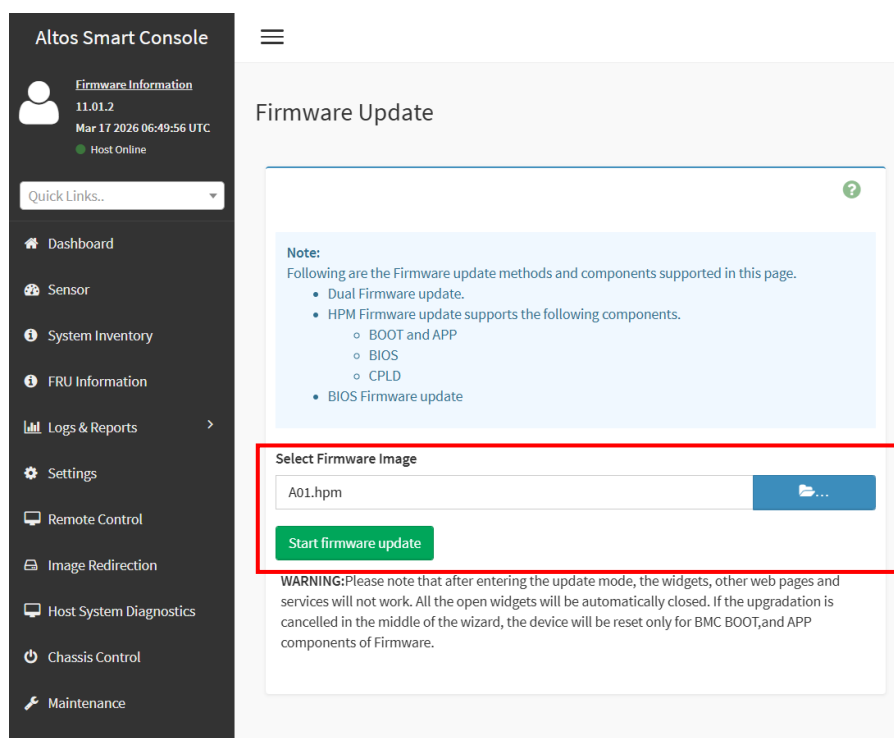


Figure 13.

- After pressing **“Start firmware update”**, you will see the following screen. Click **“Proceed”** to start the update.

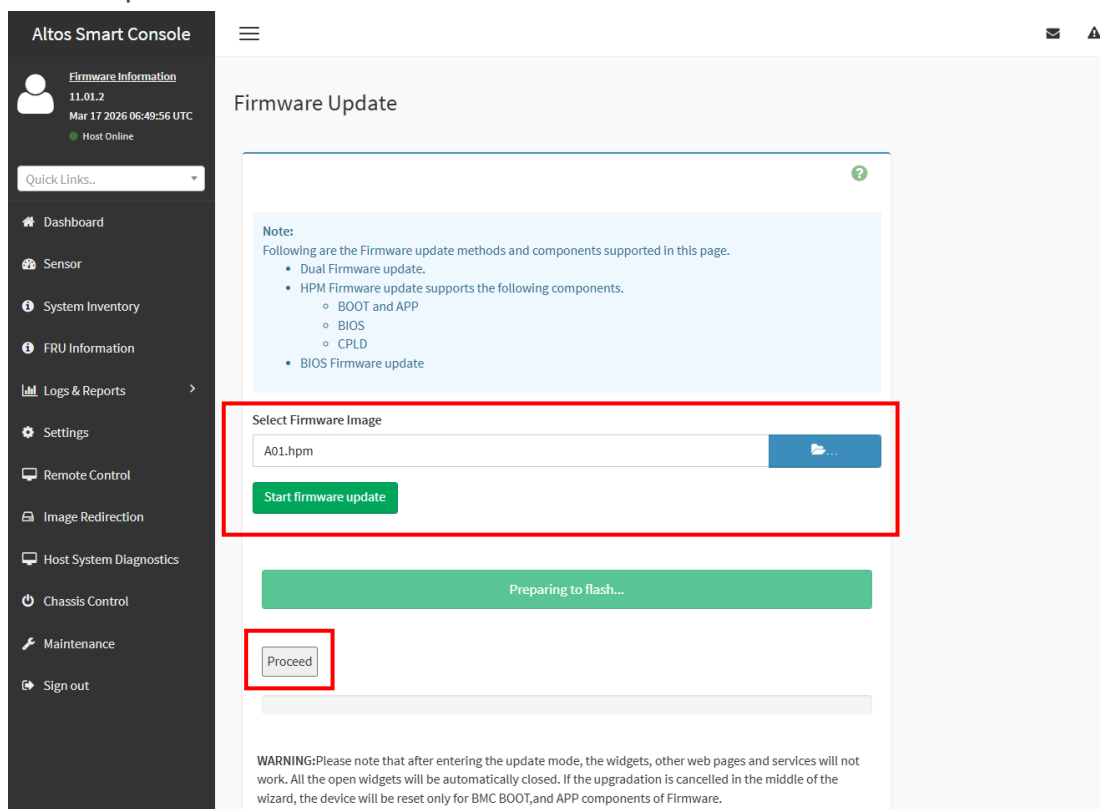


Figure 14.

4. Press “Yes” to continue

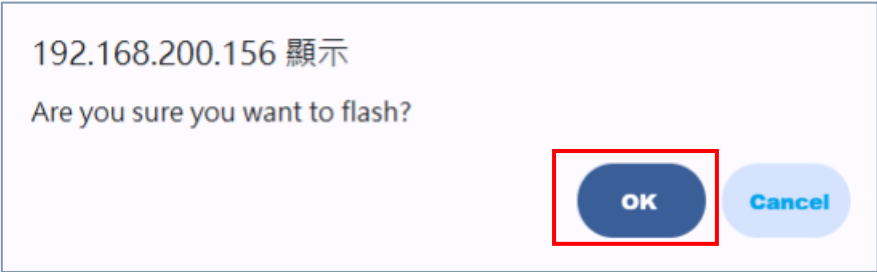


Figure 15.

5. Once the upload progress bar reaches 100%, click “**Proceed to flash**” to start the firmware update.

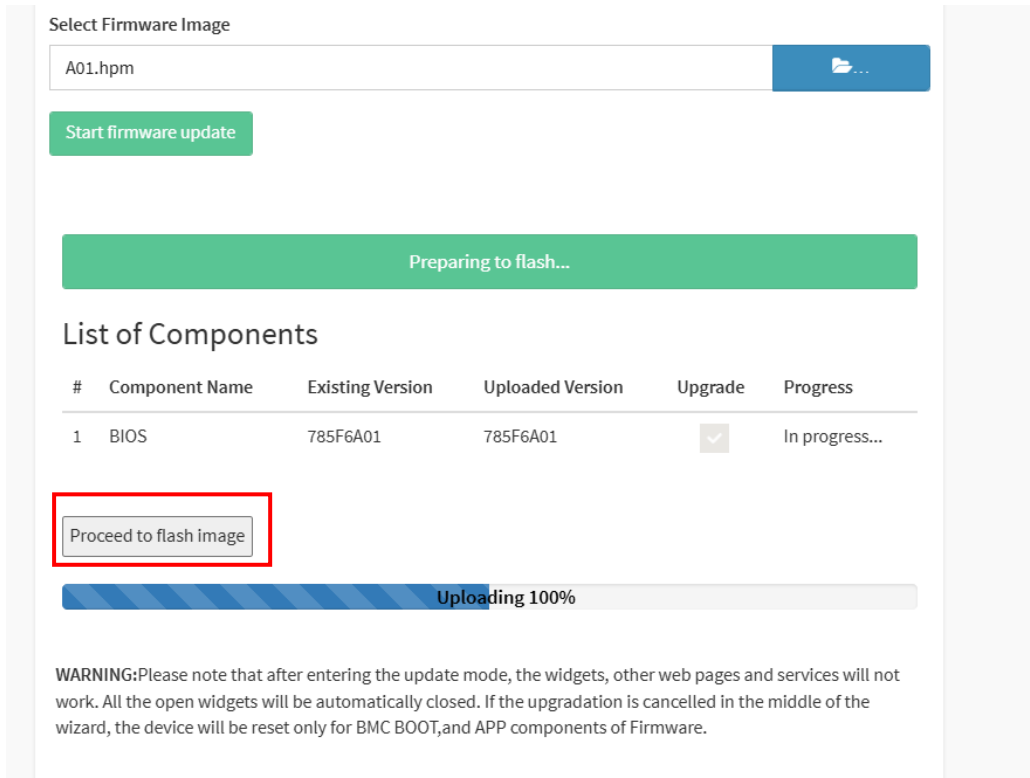


Figure 16.

6. Once the update is complete, please click **"Yes"**. The system will **automatically reboot** to finalize the BIOS update.

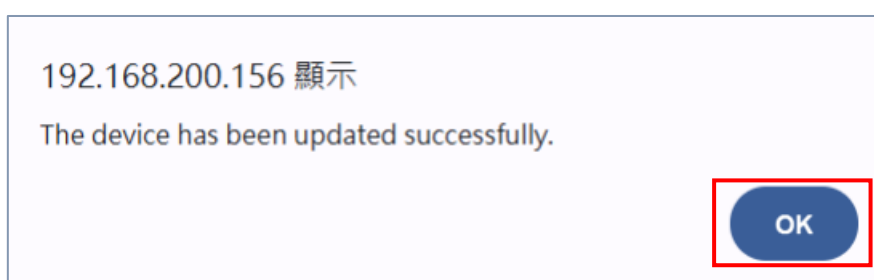
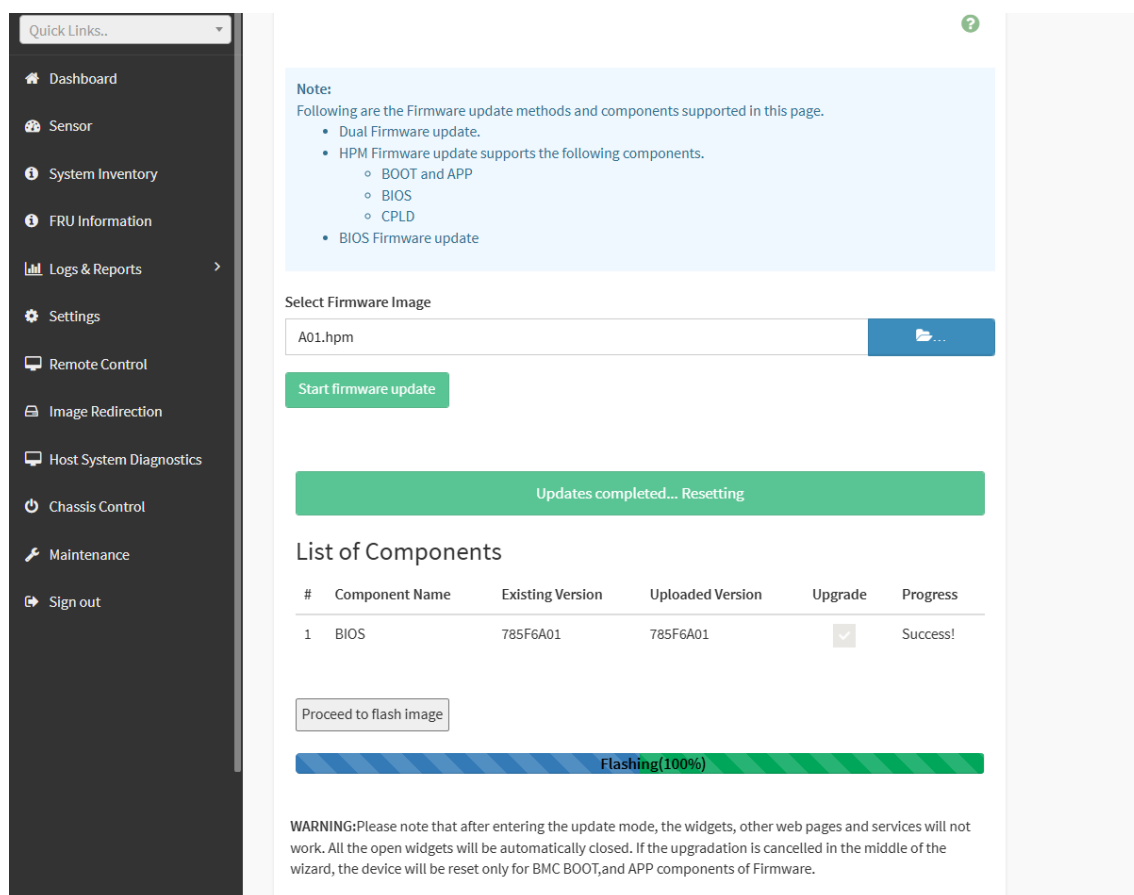


Figure 17.

7. Login to the BMC Web UI or enter to BIOS setup menu check if the version is correct.