



Web Console Update

BIOS Firmware Update From BMC Web Console

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Altos Computing Inc. is a subsidiary of Acer



- Connect an Ethernet cable like below the image

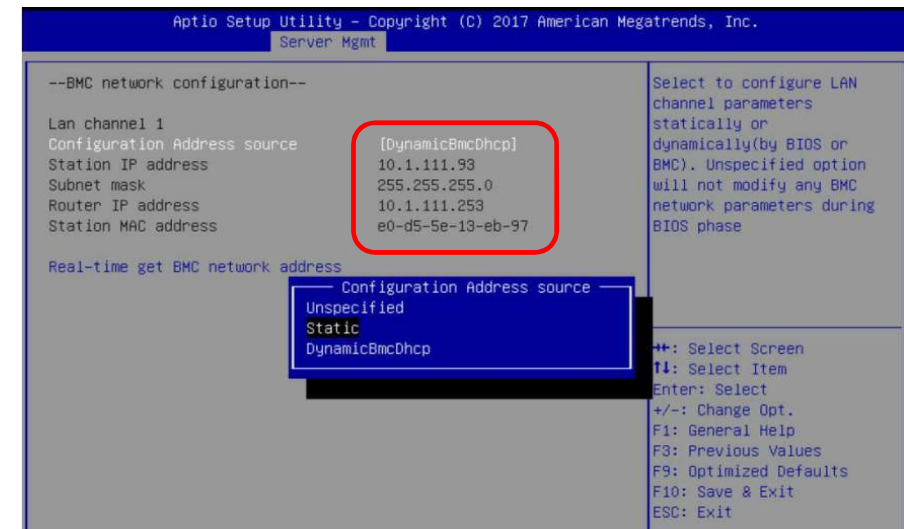
1U Server the BMC connect an Ethernet port



2U Server the BMC connect an Ethernet port

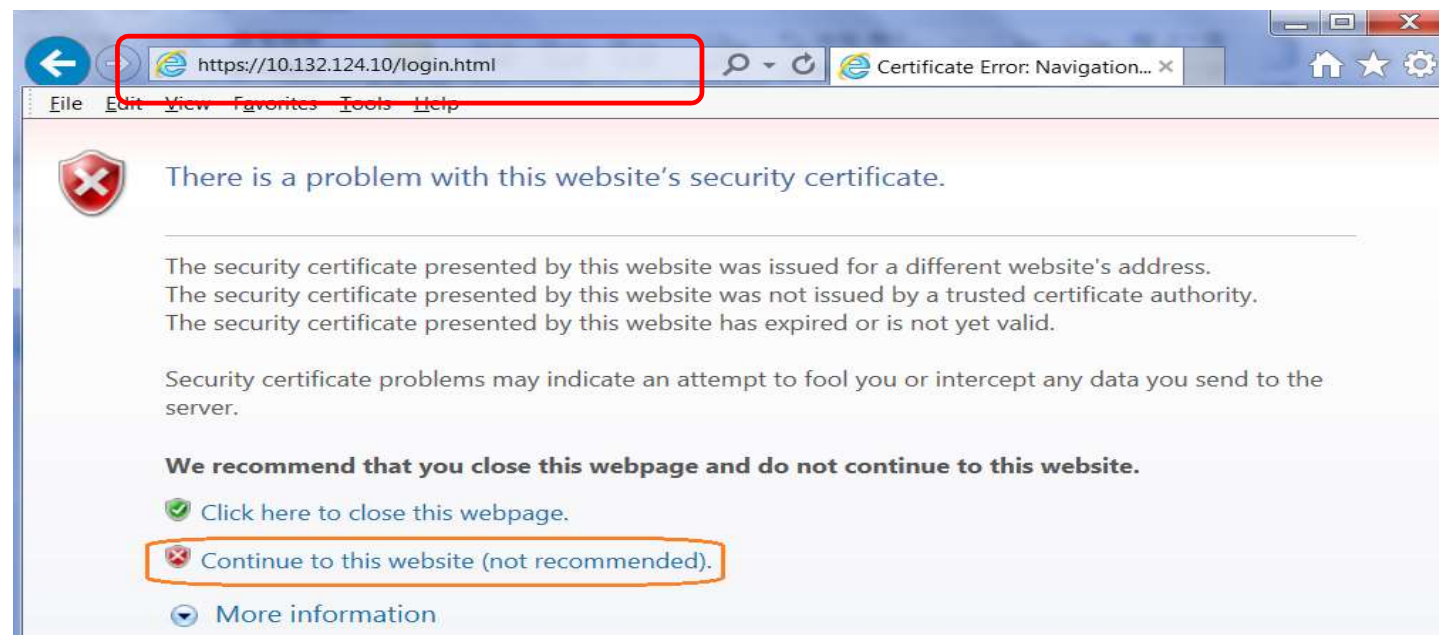


- Power on the system, and press [Del] key to enter BIOS Setup Utility. Go to the [Server Mgmt] tab and select [BMC network Configuration] item.

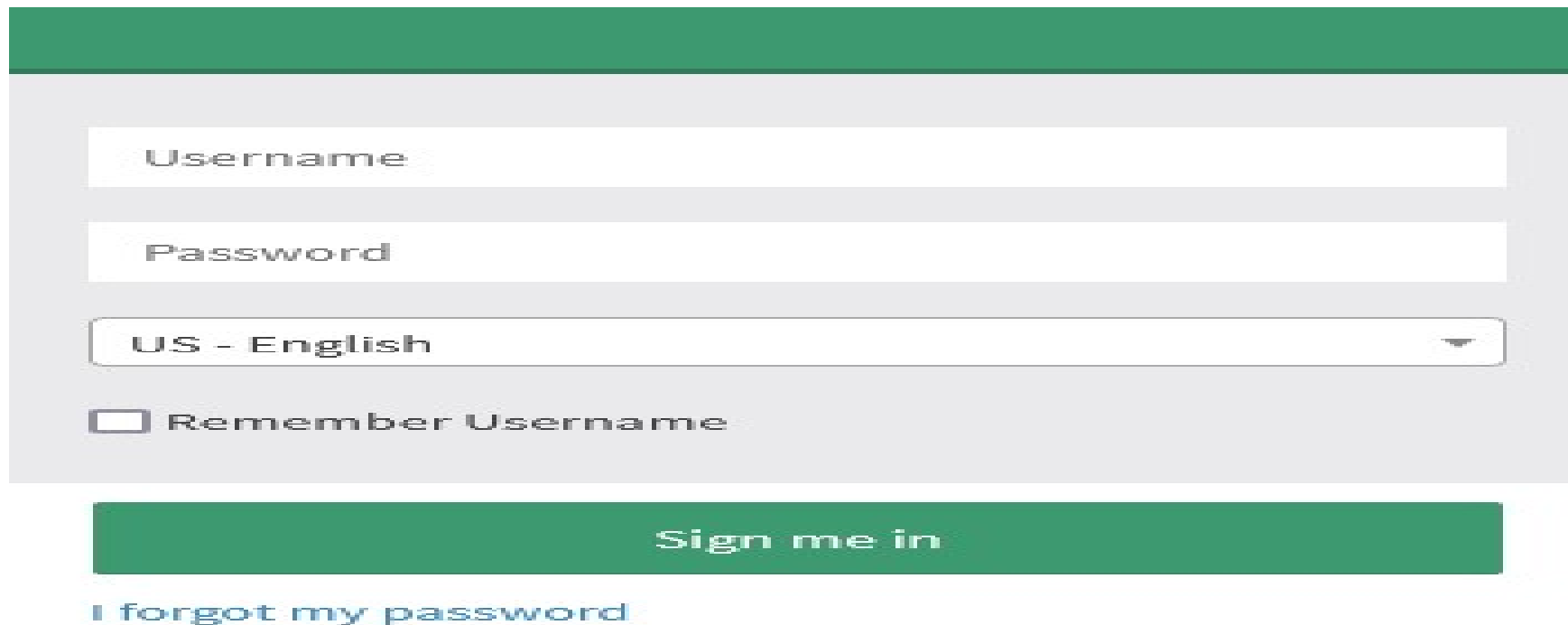


- Press the [Enter] key to “configuration address source” and change to [Static] option.
- Or you can use a DHCP server to assign an IP4 address automatically and see the IP4 address here

- Enter the IP address in browser's web address field. You will see a "There is a problem with this website's security certificate" webpage. Click on [Continue to this website (not recommended)]. Afterwards, you will see the IPMI logon webpage. This will allow you to link to the BMC web UI.

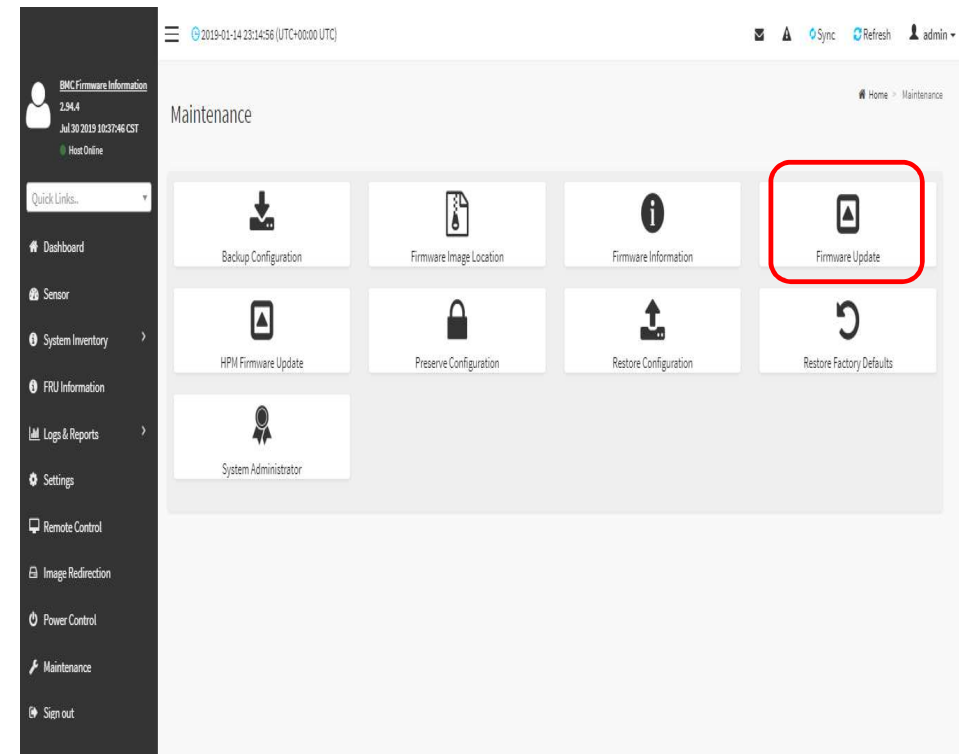
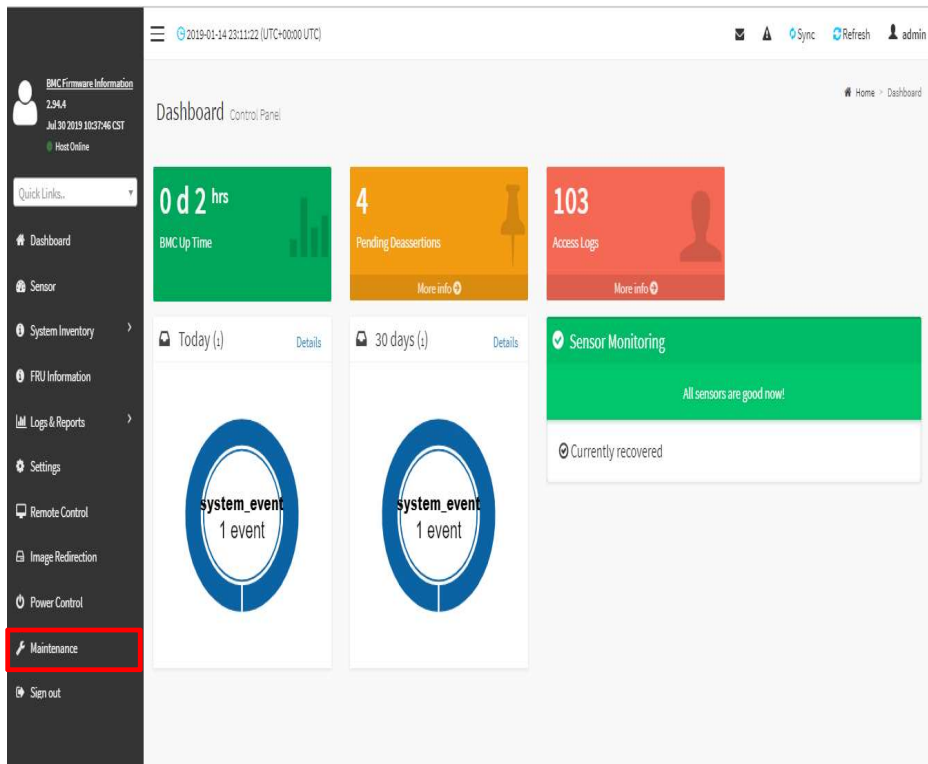


- Go to the BMC login web UI ,the default user name and password is user : **admin** password :**password** , after entering the username and password, click on the “Sign me in” button.



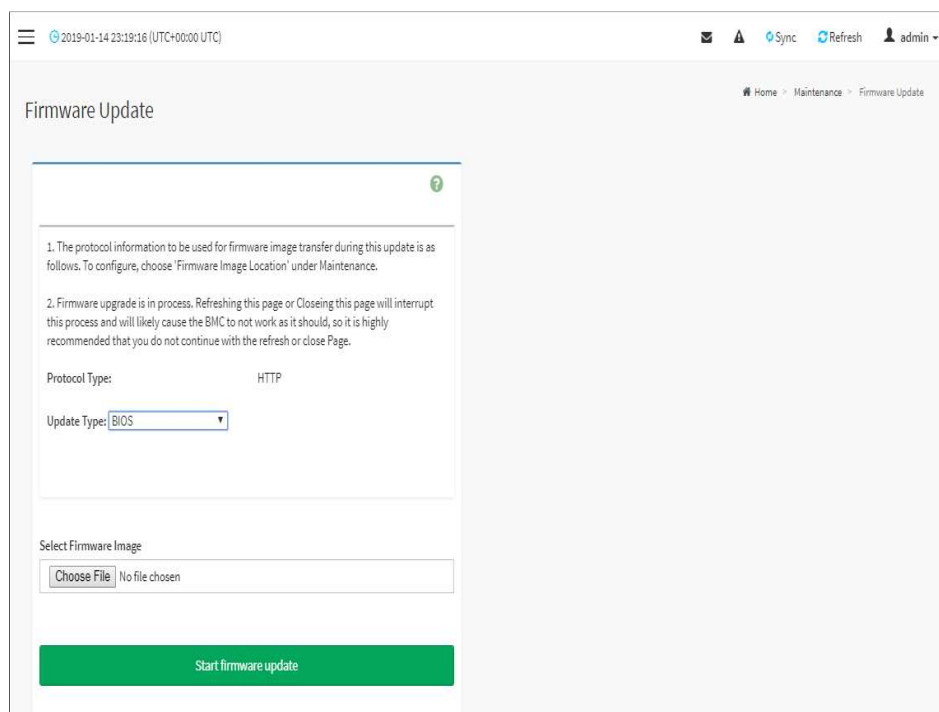
A screenshot of the BMC login web UI. The interface features a green header bar at the top. Below it, there is a light gray rectangular area containing the login fields. These include a 'Username' text input, a 'Password' text input, and a language selection dropdown menu currently set to 'US - English'. Below the dropdown is a checkbox labeled 'Remember Username'. At the bottom of the gray area is a large green button with the text 'Sign me in'. Below the button, there is a blue hyperlink that reads 'I forgot my password'.

- Open Firmware Update Page , click **Maintenance > firmware Update** from the menu bar like below the image



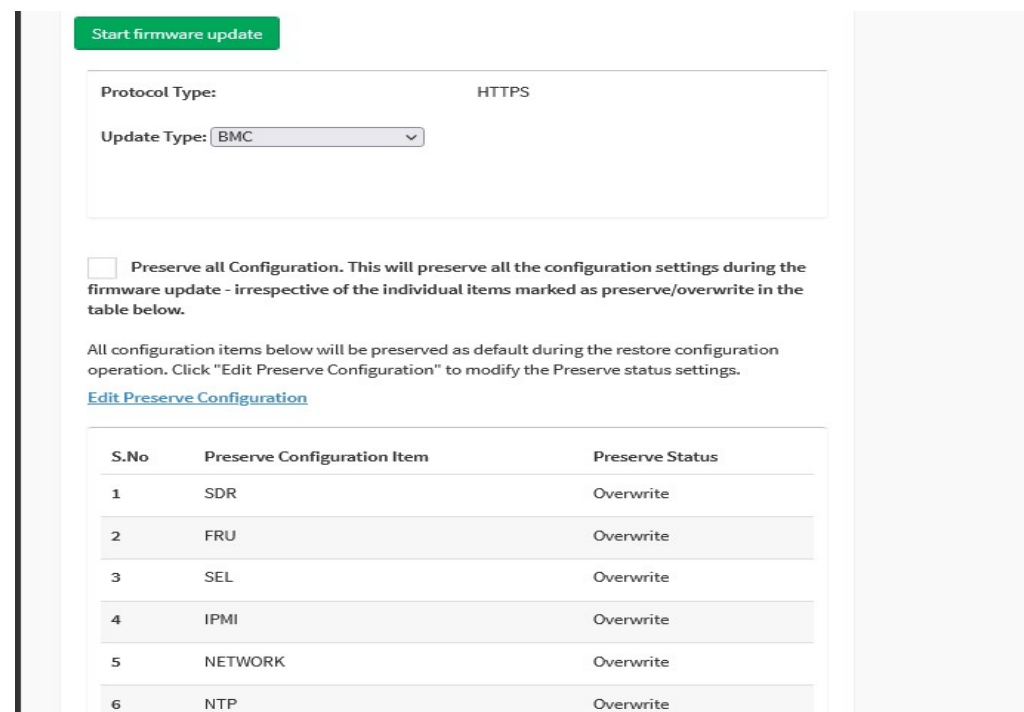
- Sample screenshot of firmware Update page shown as below

➤ Below the page is for BIOS update



The screenshot shows the 'Firmware Update' page. At the top, there is a header with a menu icon, a timestamp '2019-01-14 23:19:16 (UTC+00:00 UTC)', and user controls including 'Sync', 'Refresh', and a user profile 'admin'. The main heading is 'Firmware Update'. Below it, there is a green button labeled 'Start firmware update'. The main content area contains two numbered instructions: 1. The protocol information to be used for firmware image transfer during this update is as follows. To configure, choose 'Firmware Image Location' under Maintenance. 2. Firmware upgrade is in process. Refreshing this page or Closing this page will interrupt this process and will likely cause the BMC to not work as it should, so it is highly recommended that you do not continue with the refresh or close Page. Below the instructions, there are two dropdown menus: 'Protocol Type' set to 'HTTP' and 'Update Type' set to 'BIOS'. At the bottom, there is a 'Select Firmware Image' section with a 'Choose File' button and the text 'No file chosen'. A green 'Start firmware update' button is at the bottom right.

➤ Below the page for BMC update



The screenshot shows the 'Firmware Update' page for BMC update. At the top, there is a green button labeled 'Start firmware update'. Below it, there is a 'Protocol Type' dropdown set to 'HTTPS' and an 'Update Type' dropdown set to 'BMC'. Below these, there is a checkbox labeled 'Preserve all Configuration. This will preserve all the configuration settings during the firmware update - irrespective of the individual items marked as preserve/overwrite in the table below.' Below the checkbox, there is a paragraph: 'All configuration items below will be preserved as default during the restore configuration operation. Click "Edit Preserve Configuration" to modify the Preserve status settings.' Below this paragraph, there is a link 'Edit Preserve Configuration'. At the bottom, there is a table with 3 columns: 'S.No', 'Preserve Configuration Item', and 'Preserve Status'. The table has 6 rows of data.

S.No	Preserve Configuration Item	Preserve Status
1	SDR	Overwrite
2	FRU	Overwrite
3	SEL	Overwrite
4	IPMI	Overwrite
5	NETWORK	Overwrite
6	NTP	Overwrite

● BIOS update step (1)

1. The protocol information to be used for firmware image transfer during this update is as follows. To configure, choose 'Firmware Image Location' under Maintenance.

2. Firmware upgrade is in process. Refreshing this page or Closing this page will interrupt this process and will likely cause the BMC to not work as it should, so it is highly recommended that you do not continue with the refresh or close Page.

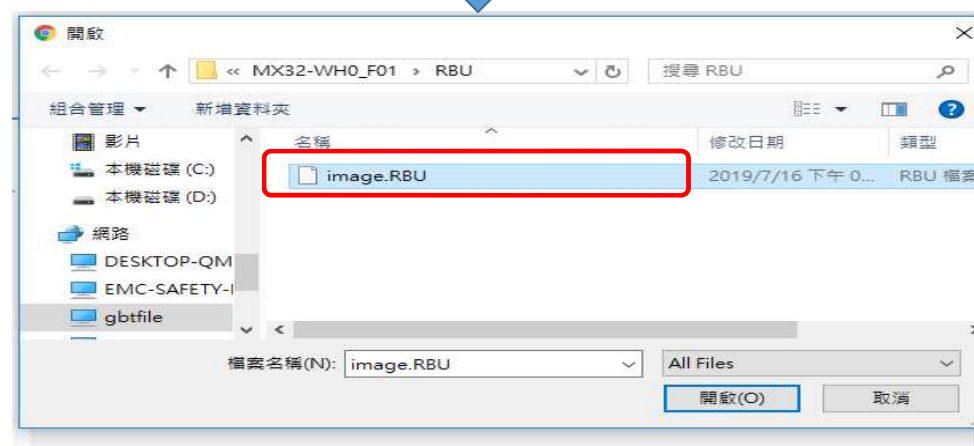
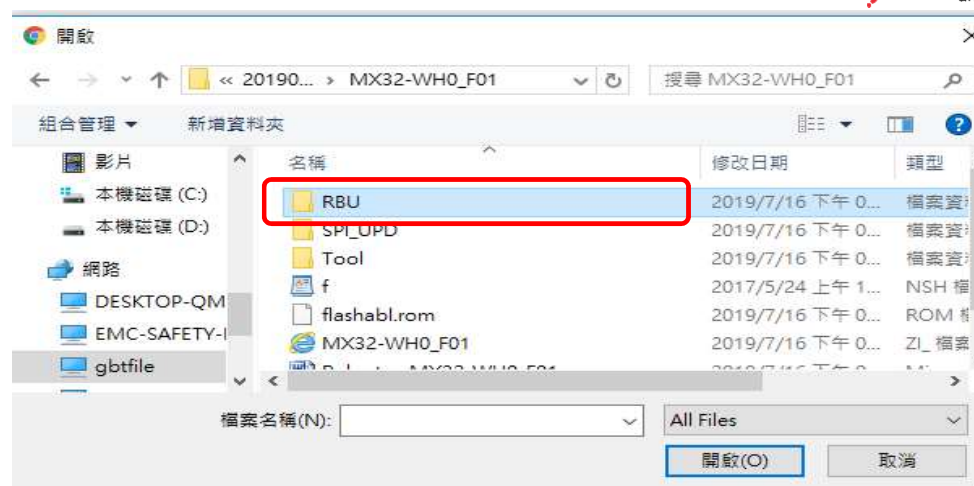
Protocol Type: HTTP

Update Type: BIOS

Select Firmware Image

Choose File No file chosen

Start firmware update



● BIOS update step (2)

Upload the image.RBU file click "start firmware update" button ,after then please click another page the "OK" button

Firmware Update

1. The protocol information to be used for firmware image transfer during this update is as follows. To configure, choose 'Firmware Image Location' under Maintenance.

2. Firmware upgrade is in process. Refreshing this page or Closing this page will interrupt this process and will likely cause the BMC to not work as it should, so it is highly recommended that you do not continue with the refresh or close Page.

Protocol Type: HTTP

Update Type: BIOS

Select Firmware Image

Choose File image.RBU

Start firmware update



Firmware Update

10.1.111.73 says
We will start the firmware upgrade now. Please reset system after BIOS update finish. Do you want to continue?

OK Cancel

1. The protocol information to be used for firmware image transfer during this update is as follows. To configure, choose 'Firmware Image Location' under Maintenance.

2. Firmware upgrade is in process. Refreshing this page or Closing this page will interrupt this process and will likely cause the BMC to not work as it should, so it is highly recommended that you do not continue with the refresh or close Page.

Protocol Type: HTTP

Update Type: BIOS

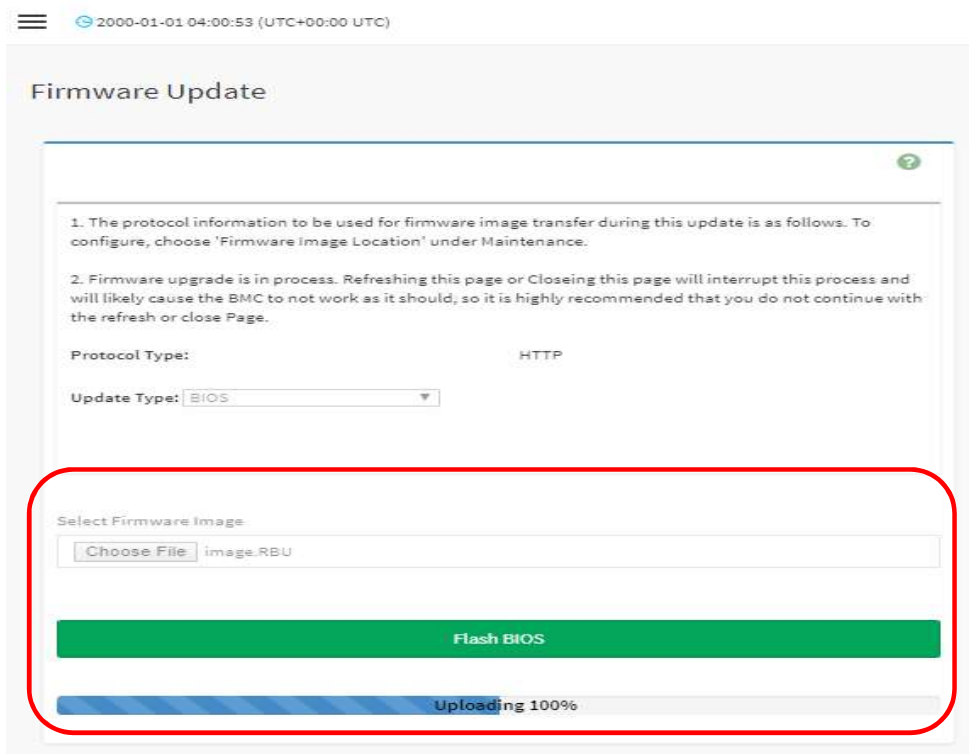
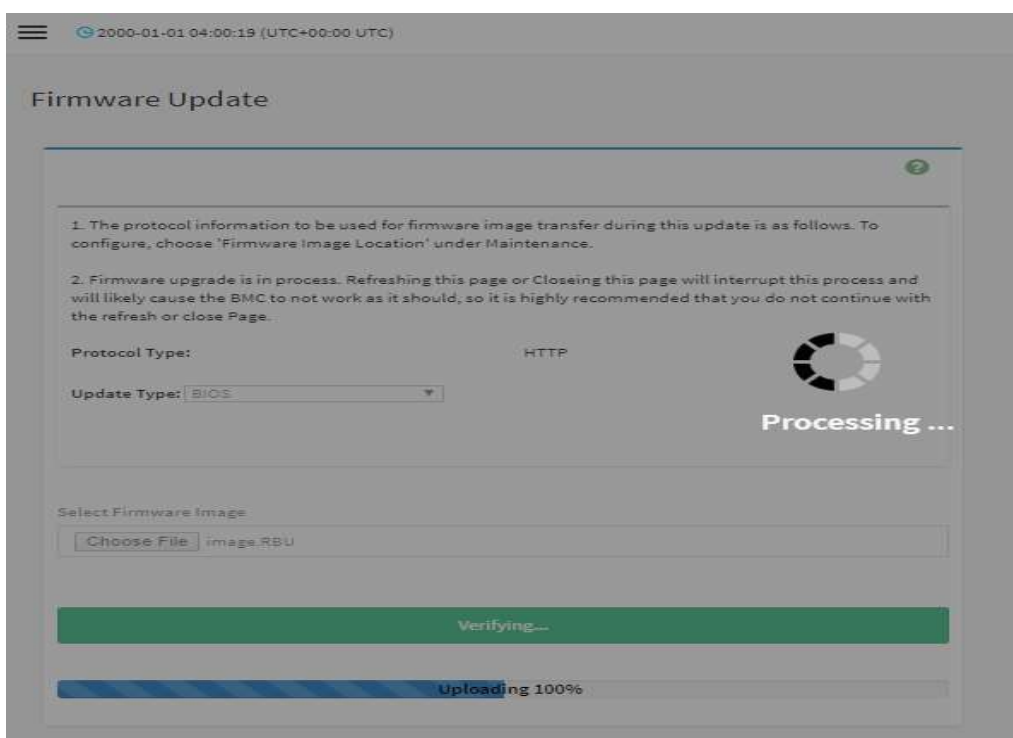
Select Firmware Image

Choose File image.RBU

Start firmware update

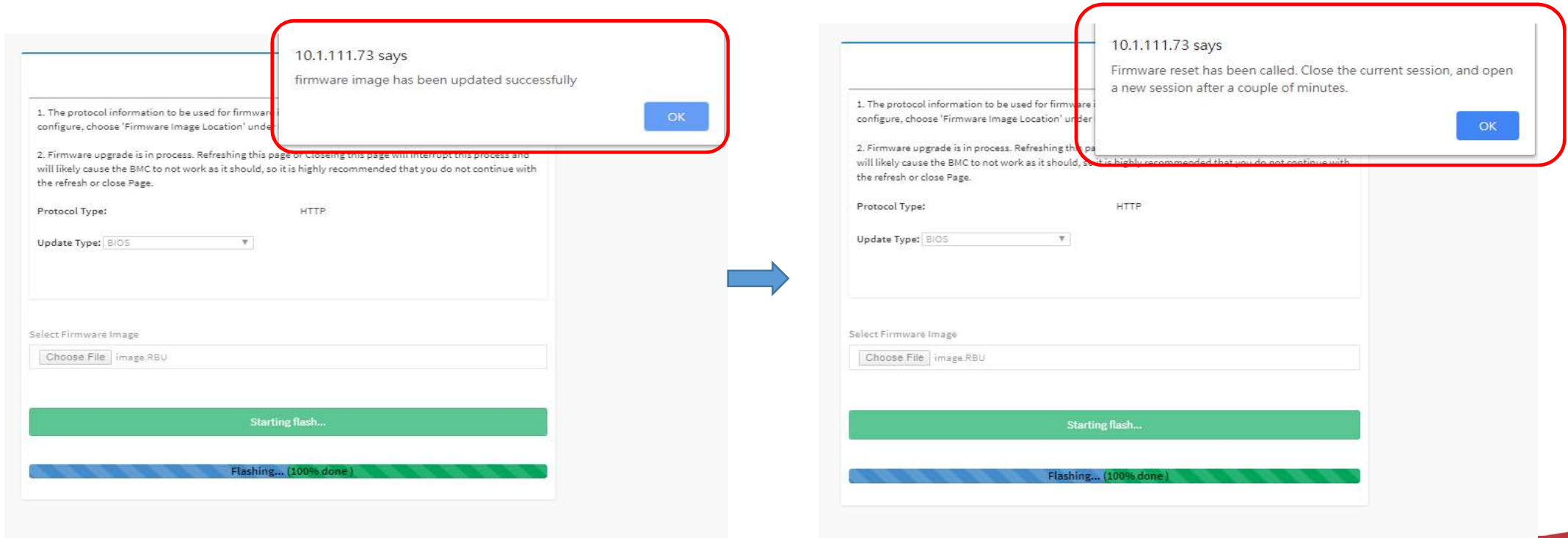
● BIOS update step (3)

Upload 100% please click "Flash BIOS" Button



● BIOS update step (4)

Waiting for flashing to 100% please click updated successfully “ok” button after will jump another window also click “OK” button . After then please AC cycle



The image shows two sequential screenshots of a BIOS update web interface, connected by a blue arrow pointing from left to right. Both screenshots show a progress bar at the bottom that is 100% complete, labeled 'Flashing... (100% done)'. The interface includes a 'Protocol Type' dropdown set to 'HTTP' and an 'Update Type' dropdown set to 'BIOS'. A 'Select Firmware Image' section contains a 'Choose File' button and the text 'image.RBU'. A green bar above the progress bar indicates 'Starting flash...'. In the first screenshot, a red-bordered box highlights a message from '10.1.111.73' stating 'firmware image has been updated successfully' with an 'OK' button. In the second screenshot, a red-bordered box highlights a message from '10.1.111.73' stating 'Firmware reset has been called. Close the current session, and open a new session after a couple of minutes.' with an 'OK' button.



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