N8190-163/164/165/166/167/168/ 171/172/173/174 Fibre Channel Controller

Precautions for Firmware Application (Windows)

• N8190-165/166/167/168/173/174

The firmware for N8190-165/166/167/168/173/174 cannot be applied in a Windows Server 2016 environment.

Please refer to "2-2-1. Updating firmware" in the Starter Pack application procedure and perform the firmware update from the Starter Pack DVD.

• N8190-163/164/171/172

The firmware for N8190-163/164/171/172 may not be applied in a Windows OS environment.

In addition, if the firmware version is "14.2.589.5" or later, the firmware may not be applied from the Starter Pack DVD. Refer to the "How to confirm the Firmware version" in this procedure and confirm the firmware version. Please follow the steps below depending on the firmware version.

< "14.2.589.5" or later >

Apply the firmware 14.0.499.29" according to the "Firmware application procedure" in this procedure. After applying the firmware, refer to the "How to confirm the Firmware version" in this procedure and confirm that the firmware version is "14.0.499.29".

< Earlier than "14.0.499.29". >

Refer to "2-2-1. Updating firmware" in the Starter Pack application procedure and perform the firmware update from the Starter Pack DVD. After applying the firmware, refer to the "How to confirm Firmware version" in this procedure and confirm that the firmware version is "14.0.499.29".

< "14.0.499.29" > No special action is required. [How to confirm Firmware version]

Confirm the firmware version by either of the following procedures:

- < System Utilities >
- 1) Startup System Utilities by pressing the F9 key during POST.
- 2) Select System Configuration.
- 3) Select System Configuration N8190-163/164/171/172 Fibre Channel Controller. Following is the list of the Part Number and the name of Fibre Channel Controller. N8190-163/164: SN1200E N8190-171/172: SN1600E
- 4) Select Display Adapter Info.
- 5) Check the Firmware version.
- < iLO WEB interface >
- 1) Connect to the target Server via iLO web interface and log in.
- 2) Select [Firmware & OS Software] -> [Installed Firmware].
- 3) Confirm the [Firmware Name] and [Firmware Version] of the N8190-163/164/171/172 Fibre Channel Controller.

Following is the list of the Part Number and the name of Fibre Channel Controller. N8190-163/164: SN1200E N8190-171/172: SN1600E Make sure that [TPM Visibility] setting is [Hidden] when Trusted Platform Module (TPM) is installed in the server. For more information about [TPM Visibility] setting, refer to the "Maintenance Guide (Common)" of the server.
After changing the setting, restart the server and enter the System Litility again, and then preceded with

After changing the setting, restart the server and enter the System Utility again, and then proceed with the following procedure.

- 2) The firmware image file of "14.0.499.29" is in the directory "/fc/14049929/" of Starter Pack Version S8.10-010.10. Copy this firmware image file (fwpkg format) to the management computer.
- From the management computer, access the web administration screen of iLO5 on the server. Start your web browser and access the following URL. https://<iLO5's IP address or host name>Select [Firmware & OS Software] -> [Installed Firmware].
- 4) Select "Firmware & OS Software" from the menu in the left pane of the iLO5 screen window, select the "Firmware" tab in the center of the window, and then select "Upload to iLO Repository" on the right side of the window.
- [Upload to iLO Repository] will be displayed. Select [Local file] for File Location, select the [Choose File] button in the Local File column, and select the file you copied in Step.2. Then press the [Upload] button.
- 6) The message "Upload to iLO Repository" will pop up. Then, select [OK].
- 7) "Firmware Upload" will appear at the top of the window. The message "Uploading Firmware Image, Please wait" is displayed and the progress bar moves forward. After Completion, the message "Completed" will be displayed.
 Caution: This message means the upload is complete, not the update.
- 8) Select "Firmware & OS Software" from the menu in the left pane of the iLO5 screen window, and then select the "Installation Queue" tab in the center of the window. If the task has already been registered, it will be registered after the previously registered task.

9) Select "Firmware & OS Software" from the menu in the left pane of the iLO5 screen window, and then select the "iLO Repository" tab in the center of the window.
Confirm that the uploaded file has been added to the iLO Repository, and click the [Box icon] under the File Version column. On the expanded [Install Component] screen, click [Yes, install now].
Caution: Click "Name" of the contents added to "iLO Repository" to see the file name.
If there is a task that has already been registered in step 8, the added file will be displayed in "Pending" status.

- 10) [Firmware Update] will appear at the top of the window. The message "Flashing Firmware Image, Please wait" will be displayed and the progress bar will advance. After completion, the message "Completed" will be displayed.
- 11) Restore [TPM Visibility] setting, if changed this setting in Step 1.

12) Restart the server.

After the reboot, you will see that the firmware version has been "14.0.499.29".