

Steps to update System ROM by Starter Pack DVD

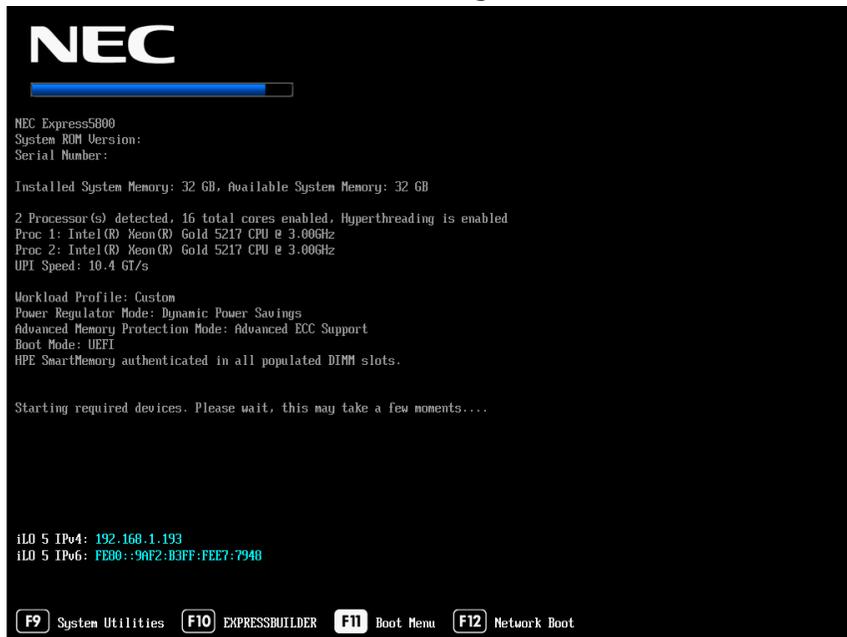
This document includes notice for using starter Pack DVD to update System ROM. Please see the following steps to update System ROM directly by Starter Pack DVD without Windows and Linux OS environment.

- (1) Disable the secure booting.

Run **System Utilities**, and then proceed to **Secure Boot Settings** in **System Configuration > BIOS/Platform Configuration (RBSU) > Server Security**.

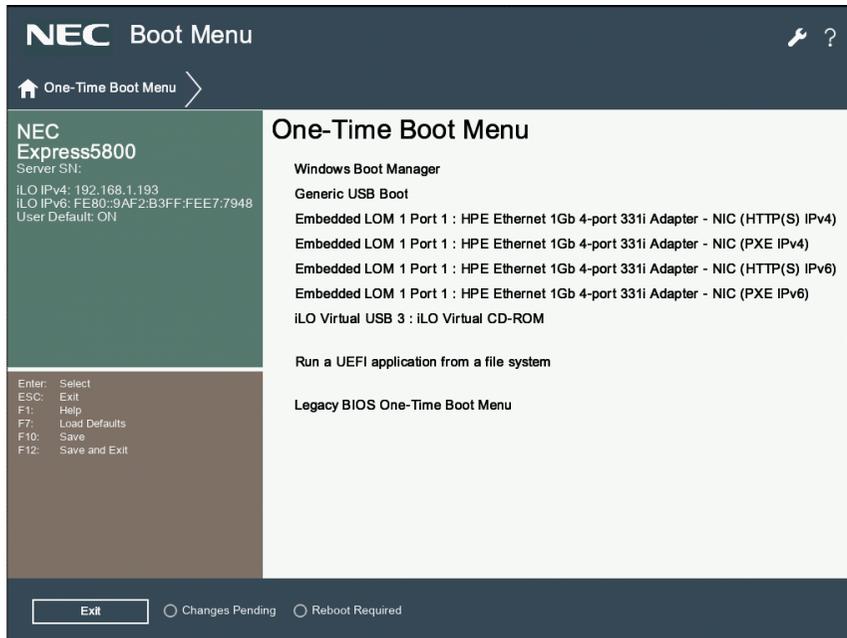
- (2) Power off and power on the server or restart the server by pressing <Ctrl>+<Alt>+<Delete> keys.

The POST will start as the following screen.



(3) Press <F11> key during the POST.

The following Boot Menu is shown.



The list of Boot Menu will be changed depending on the system environment.

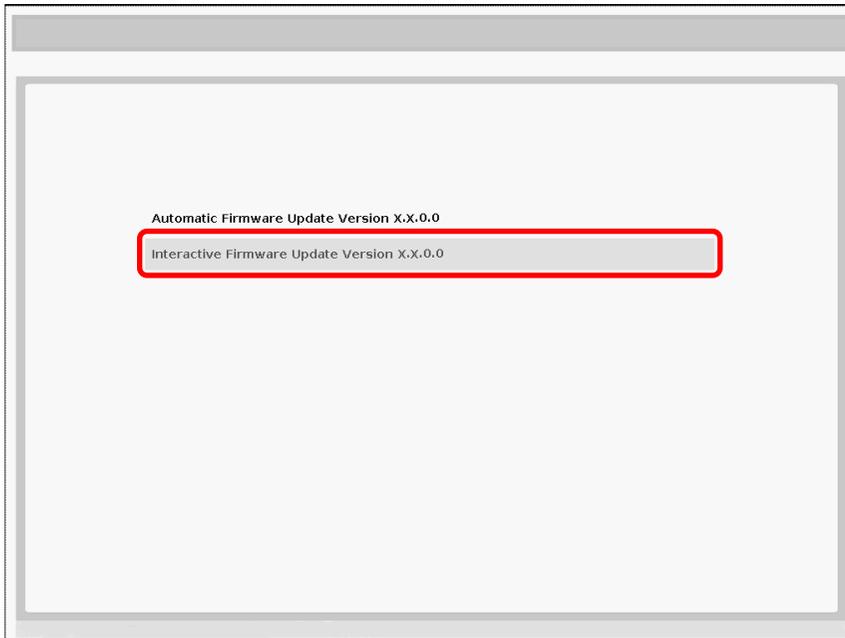
(4) Choose the DVD drive set in step (2) on the One-Time Boot Menu.

The Starter Pack DVD will start and the following menu is shown.

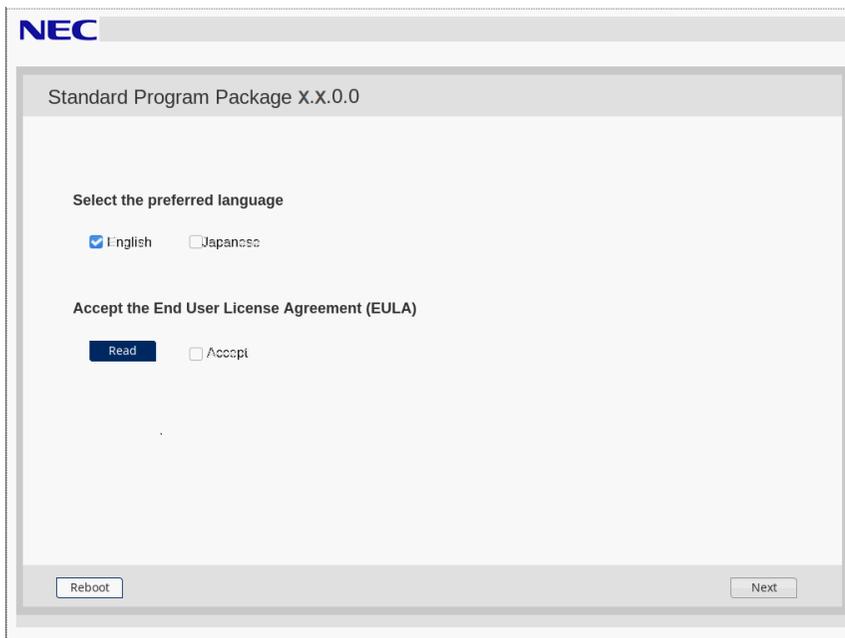


(5) Choose **Interactive Firmware Update** by pressing <down> key and press <Enter> key.

- If no key is pressed within 10 seconds, be careful another update process will start automatically.
- Customers using the product below are advised to select the "Interactive Firmware Update" option without fail.
 - Express5800/R120h-1M, R120h-2M
 - Express5800/R120h-1E, R120h-2E
 - Express5800/T120h

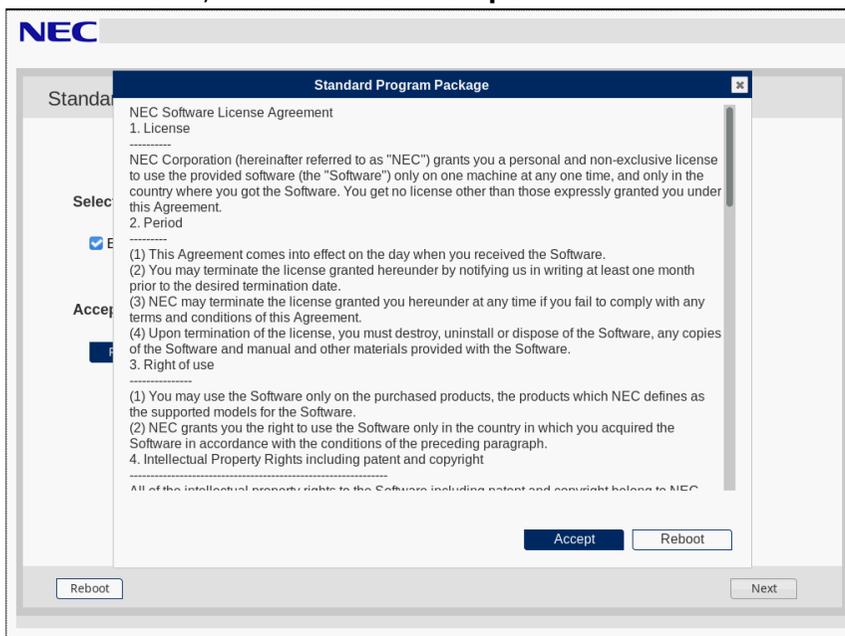


Wait for a while until the following screen appears.

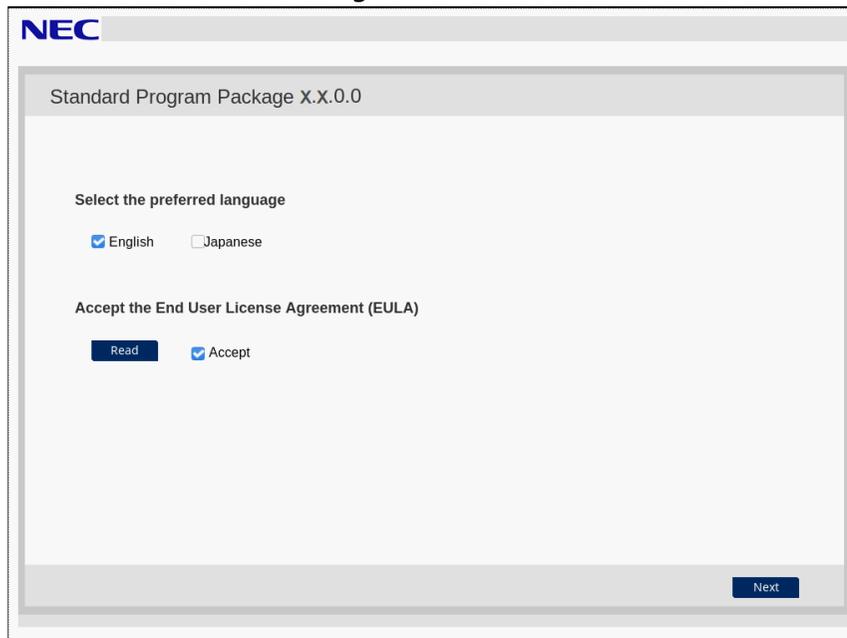


(6) Click **Read** under **Accept the End User License Agreement (EULA)**.
Dialog box will appear.

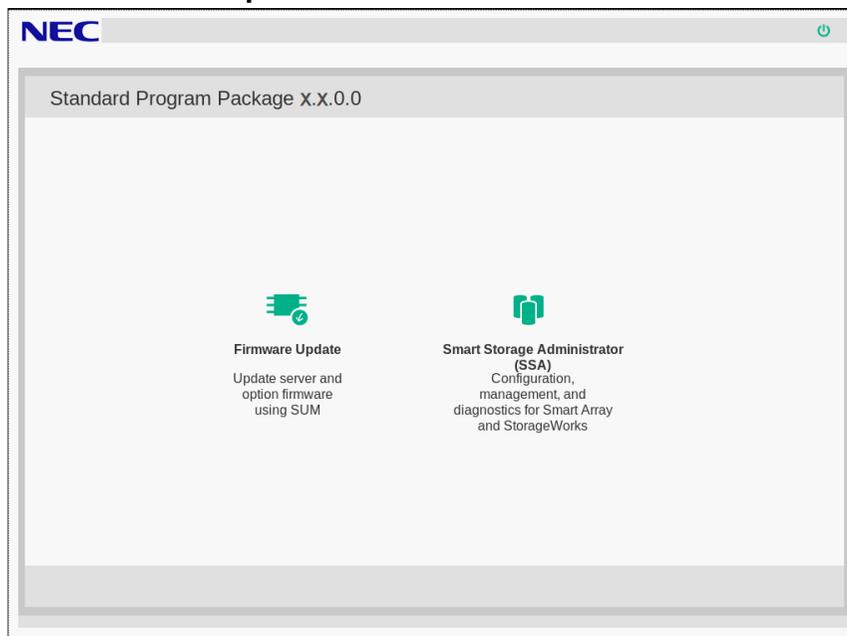
(7) Read the EULA, and then click **Accept**.



(8) Click **Next** on the lower right of the screen.



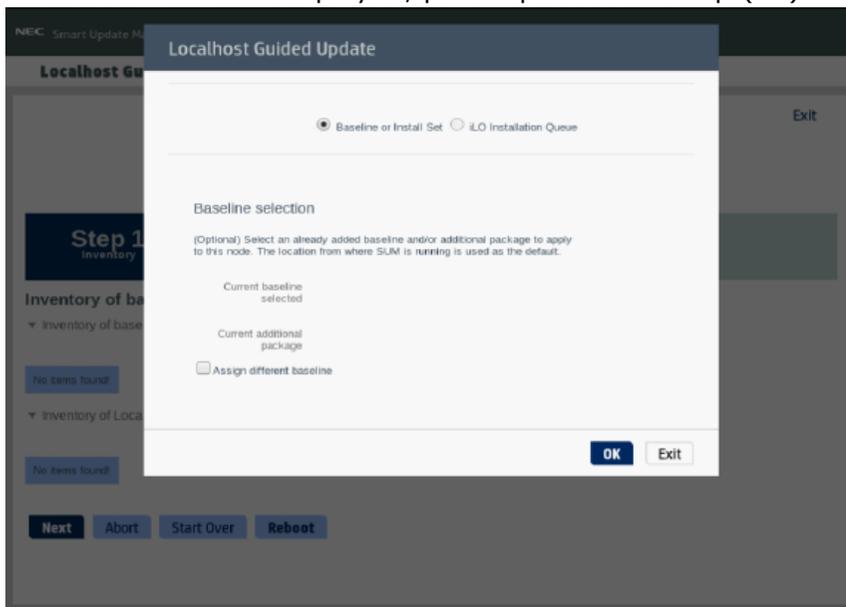
(9) Click **Firmware Update**.



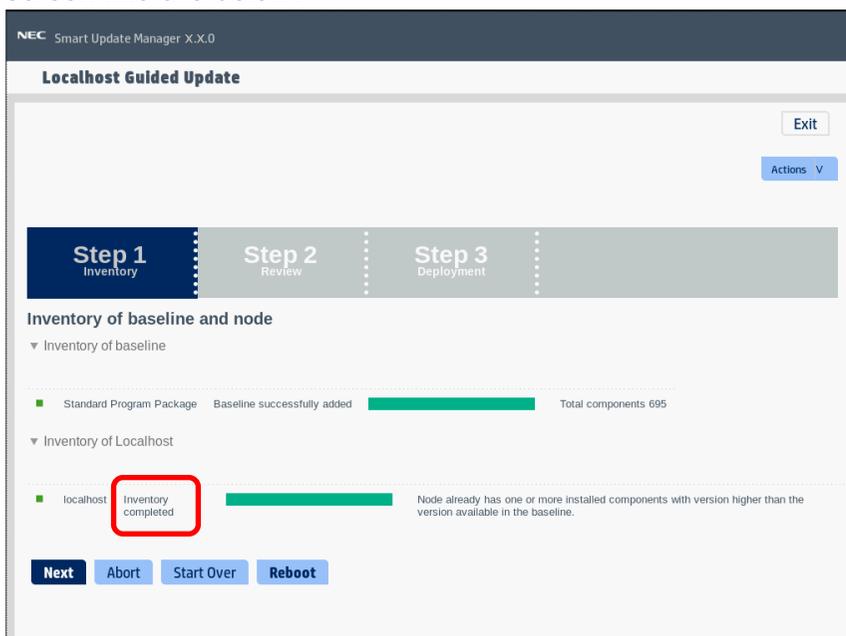
If the installation stops with an error, see troubleshooting.

(10) If the Localhost Guided Update Options window appears, check that “Baseline or Install Set” is selected, and click **OK**. (Do not select iLO Installation Queue).

If this screen is not displayed, please proceed to step (11).



(11) The Localhost Guided Update screen will appear and the inventory process will begin. Wait for a while until "Inventory completed" message appears on the screen like the below.



(12) Click **Next**. "Step 2 Review" will appear.

NEC Smart Update Manager X.X.0

Localhost Guided Update

Exit

Actions ▾

Step 1 Inventory | **Step 2 Review** | Step 3 Deployment

Deployment summary

▼ localhost - applicable components

Applicable Components: 8
Suggested Components: 0
Selected Components: 0

Select all Deselect all

Search

Select Components	Package	Ready to proceed	Type	Criticality	Installed Version	Available Version	Reboot Required
Force	ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors (PICFW-1.0.8-1)	◇	Firmware	Recommended	1.0.8	1.0.8	Required
Force	Online ROM Flash Component for Linux - iLO 5 (firmware-ilo5-2.81-1.1.x86_64)	◇	Firmware	Recommended	2.90	2.81	No

A list of firmware will appear.

The firmware displayed depends on the server hardware configuration.

NEC Smart Update Manager X.X.0

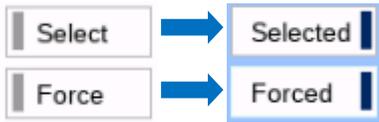
Localhost Guided Update

Select Components	Package	Ready to proceed	Type	Criticality	Installed Version	Available Version	Reboot Required
Force	ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors (PICFW-1.0.8-1)	◇	Firmware	Recommended	1.0.8	1.0.8	Required
Force	Online ROM Flash Component for Linux - iLO 5 (firmware-ilo5-2.81-1.1.x86_64)	◇	Firmware	Recommended	2.90	2.81	No
Force	Language Pack - Japanese (firmware-ilo5-ipk-ja-r11-2.72-1.1.x86_64)	◇	Firmware	Optional	2.72.08	2.72	No
Force	ROM Flash Firmware Package - System ROM U30 (OEM.U30_2.76_02_09_2023)	◇	Firmware	Recommended	U30 2.80 - (04/20 /2023)	U30 2.76 - (02/09/2023)	Required
Force	Firmware Package - HPE MR416i-a Gen10 Plus Tri Mode Controller (HPE_MR416i-a_Gen10_52.22.3-4650_B)	◇	Firmware	Recommended	View Details	52.22.3-4650	No
Force	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64 (firmware-nc-broadcom-2.32.3-1.1.x86_64)	◇	Firmware	Recommended	View Details	2.32.3	Required
Force	ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200 /8100/8200 series Processors (firmware-OEM.IEGen10_0.2.3.0)	◇	Firmware	Recommended	0.2.3.0	0.2.3.0	Required
Force	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200 /8100/8200 series Processors (firmware-sps-04.01.04.901-1.1.x86_64)	◇	Firmware	Recommended	View Details	04.01.04.901	Required

The blue bar means that the firmware will be installed at step (13).

(13) Search for "ROM Flash Firmware Package - System ROM Uxx ", and make sure status of the selected component.

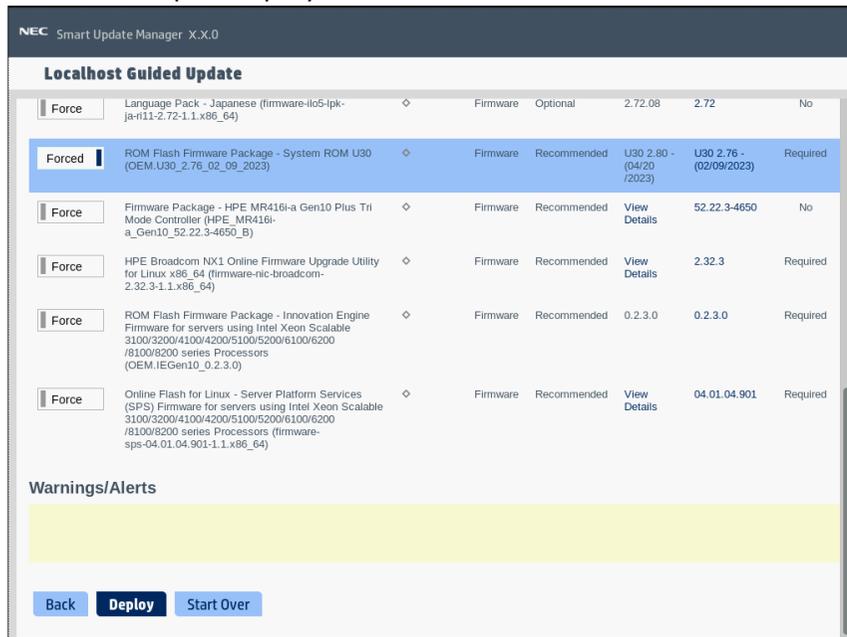
If System ROM is not selected, click "Select" or "Force" to change it to "Selected" or "Forced".



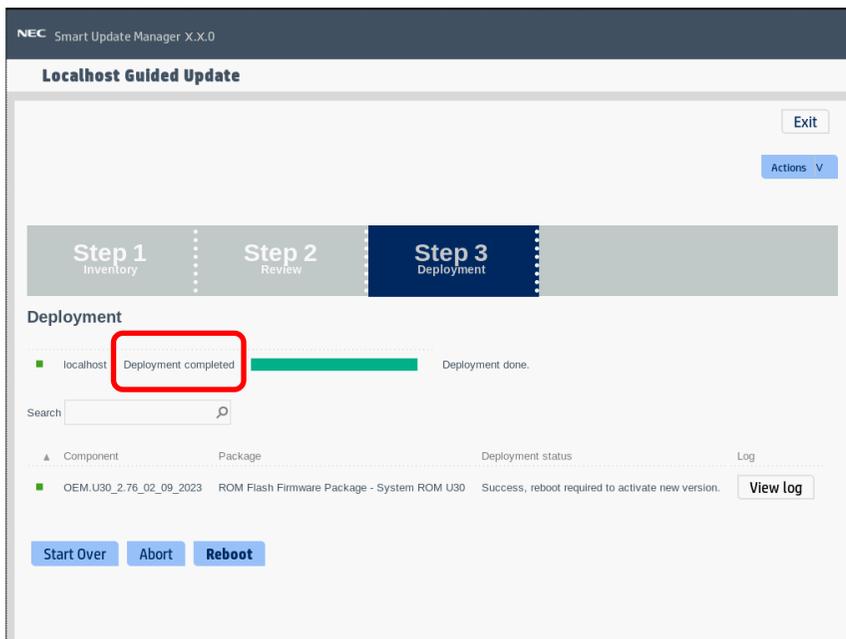
Do not change the selective state of other firmware by this step.

* When downgrading the firmware, set to "Selected" or "Forced" manually.

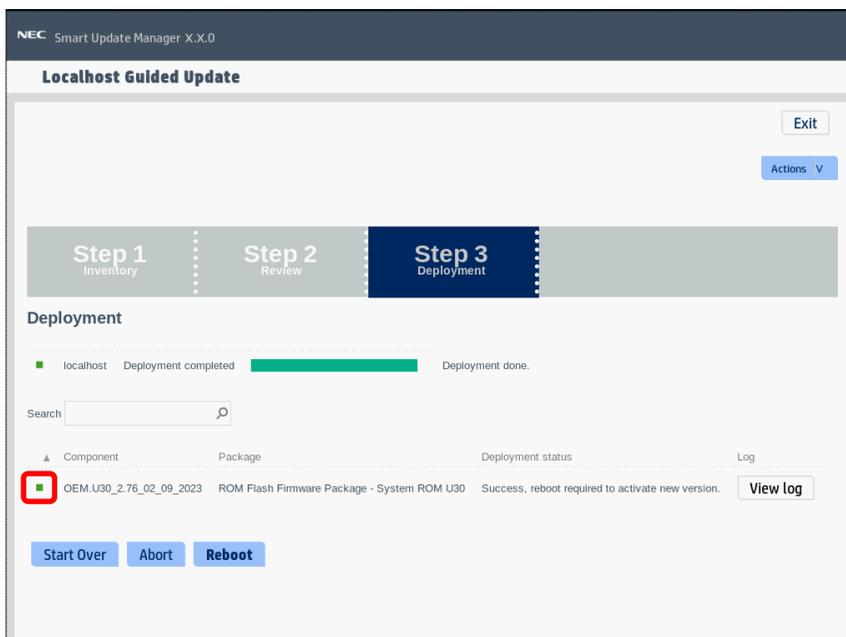
(14) Scroll the window if necessary, and then click **Deploy** on the lower left of the screen. "Step 3 Deployment" will start.



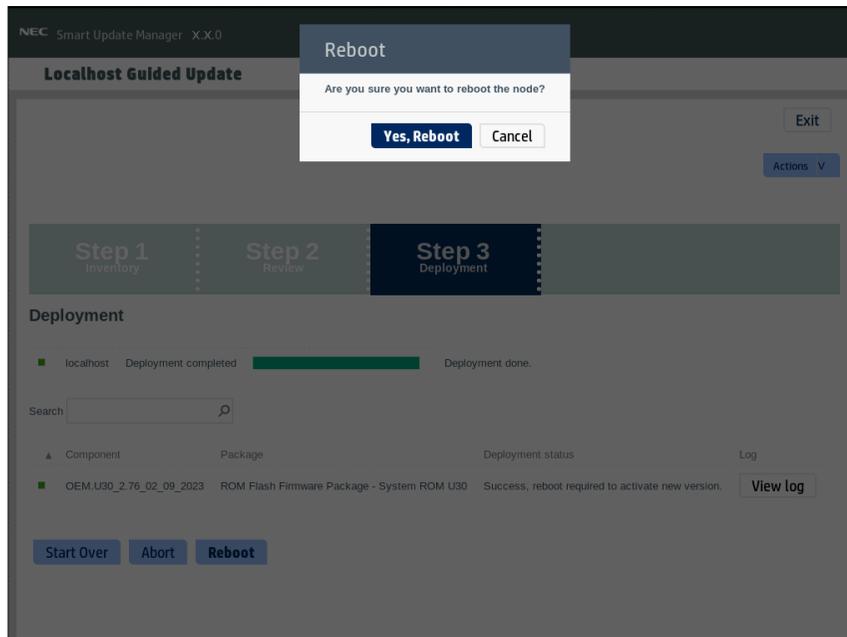
Wait for a while until "Deployment completed" message appears on the screen like the below.



(15) To confirm the success of updating, check that the status icons are green like the below.



(16) Eject the Starter Pack DVD from the drive, and then click **Reboot** on the lower left of the screen.



(17) Enable the secure booting if necessary.

The procedure is complete after the system restarts.

When Internal Slim DVD-ROM drive [N8151-137] or Internal DVD-Super Multi Drive [N8151-138] is used, the Starter Pack DVD can not be ejected after the system restarts. For details, see Troubleshooting [1. Starter Pack DVD cannot eject from the DVD drive].

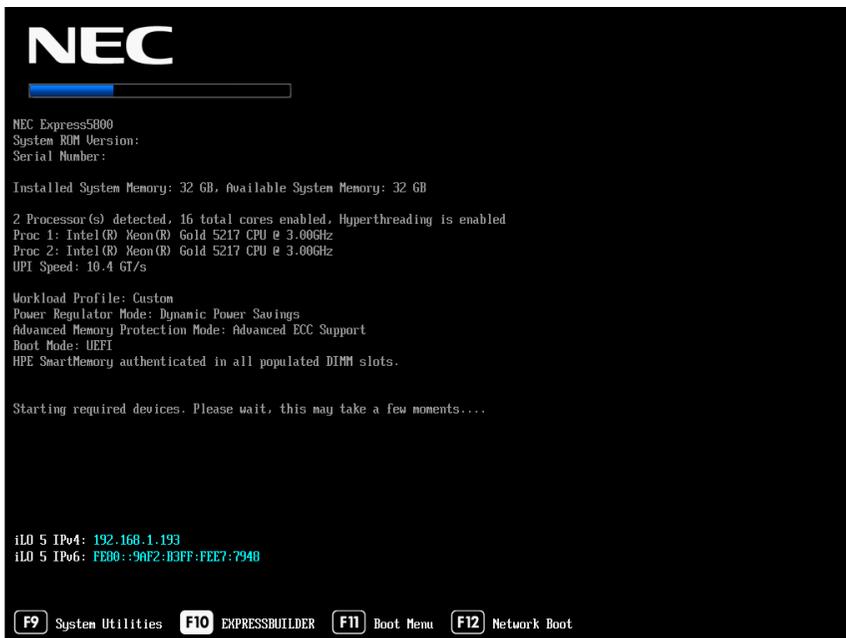
Troubleshooting

1. Starter Pack DVD cannot eject from the DVD drive

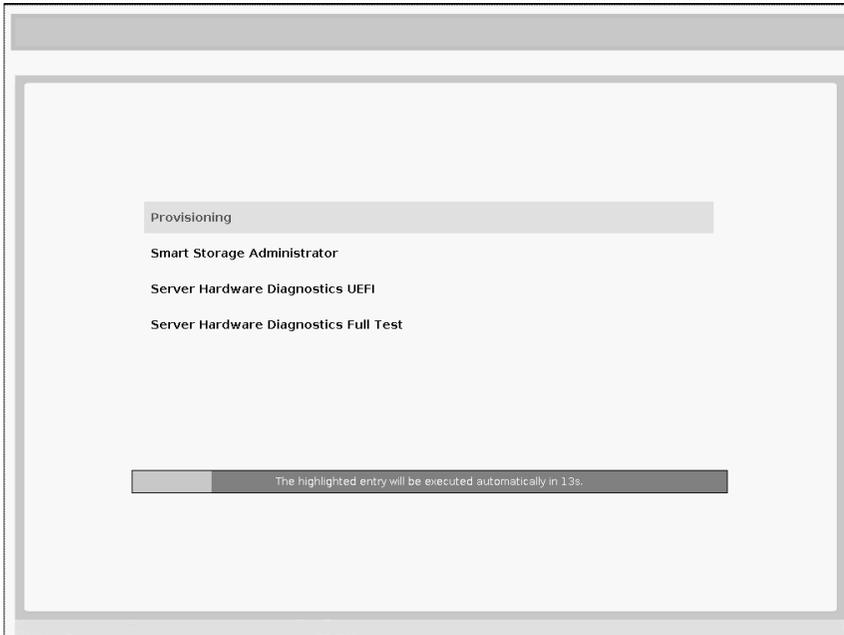
If the DVD eject button does not work after restarting the server, please see the following steps to eject the DVD.

- (1) Power off/on the server or restart the server by pressing <Ctrl> + <Alt> + <Delete> keys.

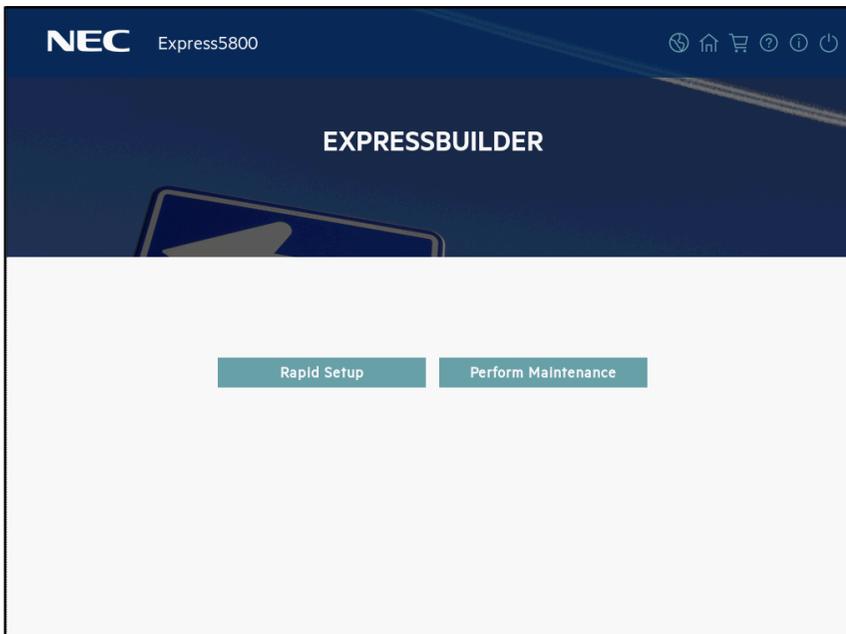
The POST will start as the following screen.



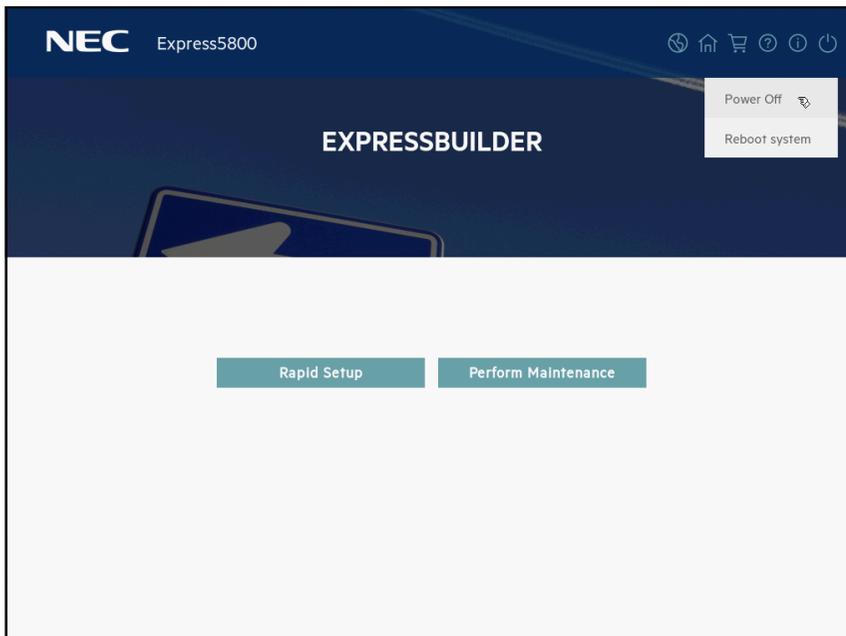
- (2) Press <F10> key during POST.
The following screen will appear.



- (3) Choose **Provisioning**. If no key is pressed within 10 seconds, the Provisioning will start automatically.
After a while, the following screen will appear.



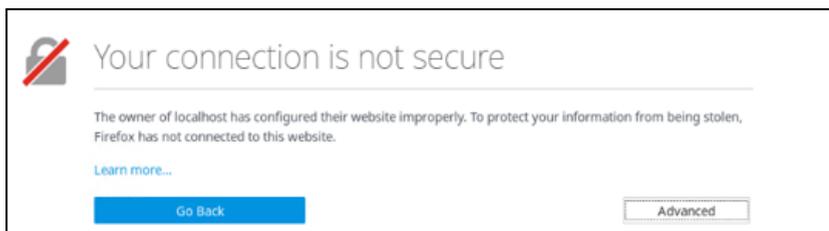
- (4) To eject the DVD, press the DVD eject button on the DVD drive.
- (5) To exit the EXPRESSBUILDER, click the power icon on the upper right and choose **Power off** or **Reboot system**.



The procedure is completed.

2. Installation stopped with "Your connection is not secure"

If the installation cannot proceed with the following error, follow the steps below.



- (1) Click the "Advanced" on the screen.
- (2) Click the "Add Exception..." on the screen.
- (3) On the pop-uped "Add Security Exception" screen, click the "Confirm Security Exception".

The procedure is completed.