## Steps to update firmware by Starter Pack DVD

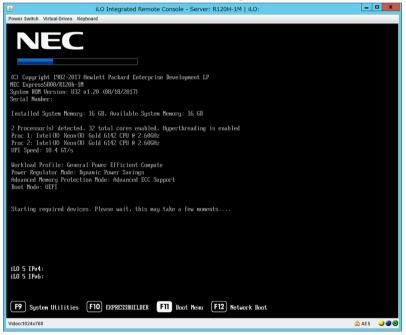
This document includes notice for using starter Pack DVD to update Firmware. Please see the following steps to update firmware directly by Starter Pack DVD without Windows and Linux OS environment.

(1) Disable the secure booting.

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

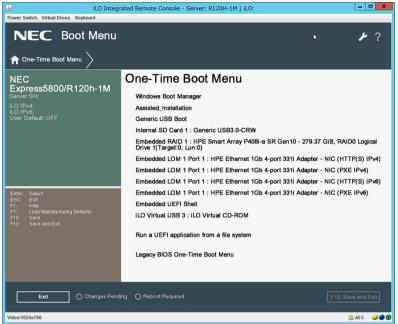
(2) Power off and power on the server or restart the server by pressing <Ctrl>+<Alt>+<Delete> keys.

The POST will start as the following screen.



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

The following Boot Menu is shown.

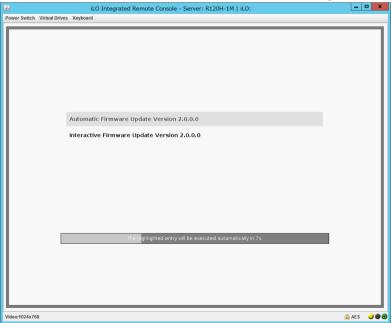


(The list of Boot Menu will be changed depending on the system environment)

(4) From the Boot Menu, choose the drive specified by Step (2), and then exit the

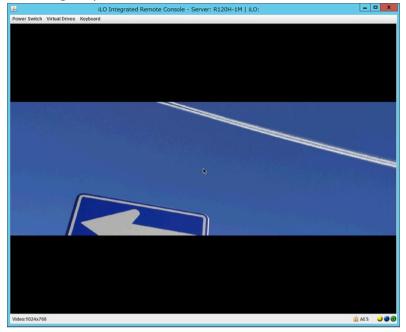
menu.

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

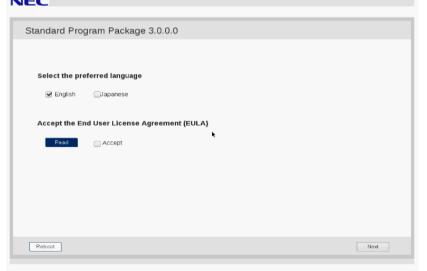


(5) Choose **Interactive Firmware Update**. If no key is pressed within 10 seconds, another update process will start automatically.

After the Interactive Firmware Update starts, the update will progress through the following steps:



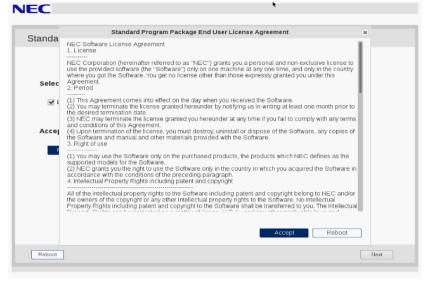
Wait for a while until the following screen appears.



(6) Click Read under Accept the End User License Agreement (EULA).

Dialog box will appear.

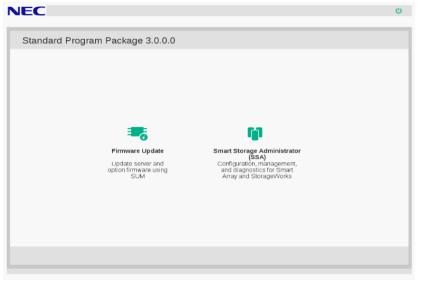
(7) Read the EULA, and then click **Accept**.



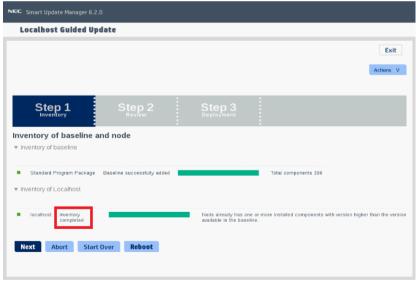
(8) Click **Next** on the lower right of the screen.

Standard Prog	gram Package 3.0.0.0
Select the pre	eferred language
🗹 English	Dapanese
Accept the Er	nd User License Agreement (EULA)
Read	✓ Accept
	Next

(9) Click Firmware Update.



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



5

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

NEC Smart Update Manager 8.2.0							
Localhost Guided Update							
							Exit
						A	ctions V
Step 1 Step 2		Step 3	B t				
Deployment summary v localhost - applicable components							
Applicable Components: 6 Suggested Components: 5							
Selected Components: 5							
Select all Deselect all							
Select Package Components	Ready # to proceed	Туре	Criticality	Installed Version	Available Version	Reboot Required	Signature File Exists
Forced Online ROM Flash Component for Linux - System ROM U30 (firmware-system- oem-u30-1.36_2018_02_15-1.1.x86_64)	1.1	Firmware	Optional	U30 1.36 - (02/15 /2018)	U30 1.36 · (02/15 /2018)	Required	NA
Forced HPE Broadcom NX1 Online Firmware	- <b>1</b>	Firmware	Optional	View	2.20.7	Required	NA

## A list of firmware will appear.

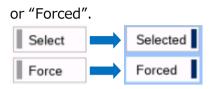
_ Jeleut all	t Guided Update							
iearch	Q							
Select Components	Package	Ready w to proceed	Туре	Criticality	Installed Version	Available Version	Reboot Required	Signature File Exist
Forced	Online ROM Flash Component for Linux - System ROM U30 (firmware-system- oem-u30-1.36_2018_02_15-1.1.x86_64)	÷	Firmware	Optional	U30 1.36 - (02/15 /2018)	U30 1.36 · (02/15 /2018)	Required	NA
Forced	HPE Broadcom NK1 Online Firmware Upgrade Utility for Linux x86_64 (firmware- nic-broadcom-2.20.7-1.1.x86_64)	5 de 1	Firmware	Optional	View Details	2.20.7	Required	NA
Forced	Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100 /5100/6100/8100 series Processors (firmware- powerpic-1.0.4-11 x88_64)	1	Firmware	Optional	View Details	1.0.4	No	NA
Forced	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i, p. P408e, p. P408i, a. P408i, c. E208i, p. E208e, p. E208i, c. E208i, a. P204i, c. P204i, b. P216i, a. and P418ie m SR Gen10 (imware- smartarray-f7c07bdbbd-1 34-1 1 x66_64)	•	Firmware	Recommended	1.34	1.34	Required	NA
Online ROM F	lash Component for Linux - iLO 5							
Forced	firmware-ilo5-1.20-1.1.x86_64	1.1	Firmware	Recommended	1.20	1.20	No	NA
Force	firmware-ilo5-lpk-ja-1.15-1.1.x86_64	<u> </u>	Firmware	Recommended	1.20	1.15	No	NA

(The firmware displayed depends on the server hardware configuration)

(11) Search for "Language Pack – Japanese (firmware-lpk-ilo-1.30-1.1.x86\_64)" and make sure that it is selected.

Selected

If Language Pack is not selected, click "Select" or "Force" to change it to "Selected"



Do not change the selective state of other firmware.

(12) 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.

NEC S	Smart Update Manager 8.2.0			
Lo	calhost Guided Update			
				Exit
				Actions V
	Stop 1 St	Stop 2		
	Step 1 Ste	p 2 Step 3 Deployment		
Dep	loyment			
۰.	localhost Deployment completed	Deployment done.		- 1
	Deproyment completed	Depoyment done.		- 1
Search	م م			- 1
	Component	Package	Deployment status	Log
÷.	firmware-system- cem-u30-1.36_2018_02_15-1.1 x86_64	Online ROM Flash Component for Linux - System ROM U30	Success, reboot required to activate new version.	View log
	tirmware-nic-broadcom-2.20.7-1.1.x86_64	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	Success, reboot required to activate new version.	View log
	firmware-powerpic-1 0 4-1 1 x86_64	Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	Success.	View log

To confirm the success of updating, check that the status icons are green like the below

Localhost Guided Update			
			Exit
			Actions V
Sten 1 Ster	2 Step 3		
Step 1 Step Inventory Revi	o 2 w Deployment		
Inventory Revi	ew Deployment		
:	ew Deployment		
localhost Deployment completed			
Peployment  Iocalhost Deployment completed earch	Deployment done.		
Deployment  I localhost Deployment completed earch Component. Immyare-system-	Deployment done. Package Online ROM Flash Component for Linux -	Deployment status Success, reboot required to activate	Log View Iou
Deployment  I localhost Deployment completed earch  Component	Deployment done.		Log View Log

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

NEC Smart Update Manager 8.2.0	Reboot		
Localhost Guided Update	Are you sure you want to reboot the node?		
Deployment	Yes, Reboot Cancel		
Iocalhost Deployment completed	Deployment done.		
Search 🔎			
▲ Component			Log
firmware-system- oem-u30-1.36_2018_02_15-1.1.x86_64	Online ROM Flash Component for Linux - System ROM U30	Success, reboot required to activate new version.	View log
firmware-nic-broadcom-2.20.7-1.1.x86_64	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	Success, reboot required to activate new version.	View log
firmware-powerpic-1 0.4-1.1 x86_64	Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	Success.	View log
firmware-smartarray-17c07bdbbd- 1.34-1.1.x86_64	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408:p. P408:p. P408:a, P408:c, E208:p, E208:e, p. E208:c, E208:a, P204:c, P204:b, P818:a and P418:e m SR Gen10	Success, reboot required to activate new version.	View log
firmware-ilo5-1.20-1.1.x86_64	Online ROM Flash Component for Linux - ILO 5	Success.	View log
Start Over Abort Reboot			

(14) 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 cannot be ejected after the system restarts. For details, see Troubleshooting.

## Troubleshooting

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.

Power Switch Virtual Drives Keyboard	
Provisioning	
Smart Storage Administrator	
Scripting Toolkit Windows PE 64 Bit Mode	
The highlighted entry will be executed automatically in 11s.	
	-
Video:1024x768	AES 🥥 🖲 🤆

(3) Choose **Provisioning**. If no key is pressed within 10 seconds, the Provisioning will start automatically.

After a while, the following screen will appear.

iLO Integrated Remote Console - Server: SRV8C0214621   iLO: BMC7CE712P3HJ.	ŀ	- 0 X
Power Switch Virtual Drives Keyboard		
NEC Express5800/R120h-2M 🛛 🖓 🏲 ?	i	ሳ
EXPRESSBUILDER		
World's most-advanced server configuration software		
EXPRESS OS INSTALL PERFORM MAINTENANCE		
Video:1024x788	🔒 Al	es 🥥 🖲 🕑

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

		iL	0 Inte	grated	l Rem	ote Cor	nsole -	Serve	r: SRV	3C02:	14621	iLO:	BMC7	CE712F	знJ.			-	D X
Power Switch	Virtual Drives	Keyboa	rd																
N	EC	Exp	ress	5800	/R120	0h-2№	4						Ø	ñ	F	•		i	С
						FY	PR	FSS	RI		DE	D			Pow		ff ystem		
				W	orld's		advan						ftware		Reba		ysrem		
		[		EX	PRESS (	DS IN STA	ALL			1	PERFOI	RM MAIN	ITENANG	E					
Video:1024x76	8																	🔒 AE S	

The procedure is completed.