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.



(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 Express5800/R110j-1 be sure to select "Interactive Firmware Update" if System ROM v 2.00 (05/15/2019) is applied.



Wait for a while until the following screen appears.

	5 11	
iLO	iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5 iLO: BMCCN7731036.	_ _ ×
Power Switch Virtual Drives Keyboard		
NEC		
NEC		
Standard Progra	am Package 5.0.0.0	
Select the prefer	red language	
	i a langango	
English	Japanese	
_		
Accept the End U	User License Agreement (EULA)	
Read	Accept	
		R.
Reboot	Nex	
1024 x 768	KK II 🕨 😐	AES 🕘 🖲 🕄

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

Dialog box will appear.

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

ilo	iLO Integrated Remote Console - Server: WIN-SISDTG55RG5 iLO: BMCCN7731036.	_ D X
Power Switch Virtual D	ives Keyboard	
NEC		
Standau	Standard Program Package	×
Standa Selec @ E Acceş	NEC Software License Agreement 1. License Web Corporation (hereinafter referred to as "NEC") grants you a personal and non-exclusive license to use the provided software (the "Software") only on one machine at any one time, and only in the country where you got the Software. You get no license other than those expressly granted you under this Agreement. 2. Period (1) This Agreement comes into effect on the day when you received the Software. (2) You may terminate the license granted hereunder by notifying us in writing at least one month prior to the desired termination date. (3) NEC may terminate the license granted you hereunder at any time if you fail to comply with any terms and conditions of this Agreement. (4) Upon termination of the license, you must destroy, uninstall or dispose of the Software, any copies of the Software and manual and other materials provided with the Software. (2) NEC grants you the right to use the Software only on the purchased products, the products which NEC defines as the supported models for the Software only in the country in which you acquired the Software in accordance with the Conditions of the preceding paragraph. 4. Intellectual Property Rights including patent and copyright All of the intellectual process including patent and copyright	Next
1024 x 768	88 1 9 9	🔒 AES

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

language of the second s		
ilo	iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5 iLO: BMCCN7731036.	_ _ ×
Power Switch Virtual Drives	Keyboard	
NEC		
Standard P	Program Package 5.0.0.0	
C tearreitea a r	regiant i dendige eterere	
Colored disc		
Select the	e preferred language	
🗹 Englist	Japanese	
Accept the	e End User License Agreement (EULA)	
	5 ()	
Read	Accept	
Read	Marken Karlen	
	N	ext
	•	
1024 x 768		🔒 AES 🛛 🔿 🔿

(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.

10	iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5 iLO: BMCCN7731036.
Power Switch Virtual Drives Keyboard	
NEC Smart Update Manager 8.4	A.O
Localhost Guided U	pdate
	Exit
	Actions V
Step 1	Step 2 Step 3 Review Deployment
Inventory of baseline	and node
 Inventory of baseline 	
Standard Program Package	Baseline successfully added Total components 651
Inventory of Localhost	
localhost Inventory completed	Node already has one or more installed components with version higher than the version available in the baseline.
Next Abort Star	t Over Reboot
1024 x 768	M II P P

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

10	iLO Integrated Remote Console - Se	rver: WIN-SIS	DTG5SRG	5 iLO: BMCCN77	31036.		_ 🗆 X
Power Switch Virtual Drives Keyboard							
NEC Smart Update Manager 8							
Localhost Guided U	pdate						
							Exit
							Actions V
Step 1	Step 2						
Deployment summar	v						
▼ localhost - applicable co	omponents						- 1
Applicable Components: 7							- 1
Suggested Components: 0							
Selected Components: 0							
Select all	Deselect all						
Search	Q						
Select Package Components		Ready to w	Туре	Criticality	Installed Version	Available Version	Reboot Required
Force Online Flash for servers using /5100/5200/610 (firmware-le-0.3	or Linux - Innovation Engine Firmware for Intel Xeon Scalable 3100/3200/4100/4200 00/6200/8100/8200 series Processors 2.0.11-2.1.x86_64)	\$	Firmware	Optional	View Details	0.2.0.11	Required
Online ROM E	lach Comnones for Linux - il O 5	0	Firmwara	Recommended	1 /12	1.40	No
1024 x 768				KK 11 🕨 🔍			🔒 AES 🛛 🔿 🔿

A list of firmware will appear.

The firmware displayed depends on the server hardware configuration.

Force	Online ROM Flash Component for Linux - ILO 5 (firmware-ilo5-1.40-1.1.x86_64)	\$	Firmware	Recommended	1.43	1.40	No
Force	Language Pack - Japanese (firmware-lpk-lio- 1.30-1.1.x86_64)	0	Firmware	Recommended	1.43	1.30	No
Force	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64 (firmware-nic-broadcom- 2.23.10-1.1.x86_64)	\$	Firmware	Optional	View Details	2.23.10	Required
Force	Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/120/5100/6100/8100 series Processors (firmware-powerpic-1.0.4-1.1.x86_64)	\$	Firmware	Optional	View Details	1.0.4	No
Force	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/6200/6100/6200/8100/8200 series Processors (firmware- sps-04.01.04.251-21.1486_64)	\$	Firmware	Optional	View Details	04.01.04.251	Required
Force	Online ROM Flash Component for Linux - System ROM U32 (firmware-system- oem-u32-2.00_2019_02_02-1.1.x86_64)	\$	Firmware	Optional	U32 2.00 - (02/02 /2019)	U32 2.00 - (02/02/2019)	Required
arnings/	Alerts						

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

(11) Search for "Online ROM Flash Component for Linux-System ROM" in the firmware list and check the icon on the left.

If the icon is "Selected" or "Forced", continue to the next step, else if the icon on the left is "Select" or "Force", click "Select" or "Force" and change it to "Selected" or "Forced".



(12) Search for "Language Pack – Japanese" and "Online ROM Flash Component for Linux - iLO5", and make sure that those are selected.

Selected

If Language Pack or iLO5 is not selected, click "Select" or "Force" to change it to





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

(13) 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.

10	iLO Integrated Remote	Console - Server: WIN-SISDTG5SRG5	iLO: BMCCN7731036.	- • ×
Power Switch Virtual Drives Keyboard				
NEC Smart Update Manager 8.4	4.0			
Localhost Guided U	pdate			
				Actions V
Step 1	Step 2	Step 3		
Deployment				
Iocalhost Deployment cor	mpleted	Deployment done.		
Search	Q			
▲ Component	F	'ackage	Deployment status	Log
firmware-ilo5-1.40-1.1.x86_6	34 C	nline ROM Flash Component for Linux - .O 5	Success.	View log
firmware-lpk-ilo-1.30-1.1.x86	5_64 L	anguage Pack - Japanese	Success.	View log
firmware-system- oem-u32-2.00_2019_02_02-	1.1.x86_64 S	Inline ROM Flash Component for Linux - ystem ROM U32	Success, reboot required to activate new version.	View log
Start Over Abort	Reboot			
1024 x 768			NN II 🕨 🔍	🔒 AES 🛛 🔿 🏵

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

ll0	iLO Integrated Remote Console	- Server: WIN-SISDTG5SRG5	iLO: BMCCN7731036.	- 🗆 X
Power Switch Virtual Drives Keyboard				
NEC Smart Update Manager 8.				
Localhost Guided U	pdate			
				_
				Actions V
				- 1
Step 1	Step 2	Step 3 Deployment		
Deployment				
Iocalhost Deployment co	mpleted	Deployment done.		
Search	Q			
▲ Component	Package		Deployment status	Log
firmware-ilo5-1.40-1.1.x86_0	64 Online RO iLO 5	M Flash Component for Linux -	Success.	View log
firmware-lpk-ilo-1.30-1.1.x8	6 64 Language	Pack - Japanese	Success.	View log
firmune sustem	Online BO	M Elash Component for Linux	Success, repeat required to activate	Them tog
oem-u32-2.00_2019_02_02-	-1.1.x86_64 System R	OM U32	new version.	View log
Start Over Abort	Reboot			
1024 × 768		h		AEC
1024 X 700				

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

ILO .	iLO Integrated Rem	ote Console - Server: WIN-SISDTG55	SRG5 iLO: BMCCN7731036.	_ _ X
Power Switch Virtual Drives Keyboard				
NEC Smart Update Manager 8.	4.0	Reboot		
Localhost Guided U	pdate	Are you cure you want to rebeat the	pode2	
		Are you sure you want to reboot the	noder	
		Yes, Reboot Car	ncel	Actions V
Step 1		Step 3		
Deployment				
Iocalhost Deployment co	ompleted	Deployment d	tone.	
Search	Q			
▲ Component				Log
firmware-ilo5-1.40-1.1.x86_1	64	Online ROM Flash Component for Linu	ux - Success.	View log
firmware-lpk-ilo-1.30-1.1.x8	6_64	Language Pack - Japanese	Success.	View log
firmware-system- oem-u32-2.00_2019_02_02-	-1.1 x86_64	Online ROM Flash Component for Linu System ROM U32	ux - Success, reboot required new version.	o activate View log
Start Over Abort	Reboot			
1024 x 768	14		N 11 🕨 🔍	🔒 AES 🔍 🔿 🕲

(16) 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.

10	iLO Integrated Remote Console - Server: WIN-SISD	FG5SRG5 iLO: BMCCN7731036.	-	o x
Power Switch Virtual D	ives Keyboard			
Power Switch Virtual D	Vere Keybard Provisioning Smart Storage Administrator Scripting Toolkit Windows PE 64 Bit Mode Server Hardware Diagnostics UEFI	utematically in 2 s.		
	The highlighted entry will be executed a	utomatically in 4s.		
1024 x 768	POST Code: 003E	14 U F 9	🔒 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.



- (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.