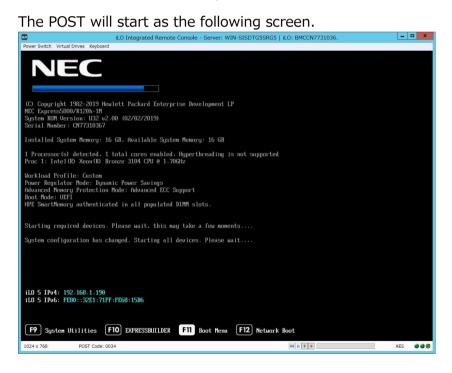
# Steps to update firmware by Starter Pack DVD

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.

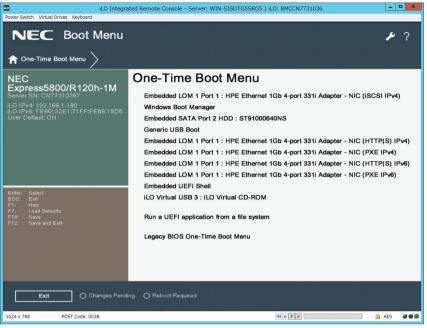
Run System Utilities, and then proceed to Secure Boot Settings in System Configuration > BIOS/Platform Configuration (RBSU) > Server Security.

(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.

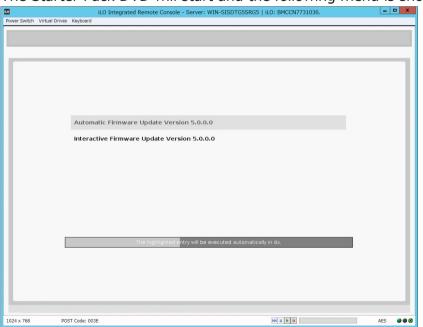
#### The following Boot Menu is shown.



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

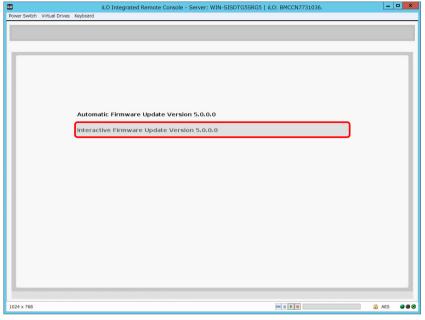
(4) Choose the DVD drive set in step (2) on the One-Time Boot Menu.

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.	_ 🗆 X
Power Switch Virtual Drives Keybe	board	
NEC		
NEC		
Standard Prog	gram Package 5.0.0.0	
Select the pre	eferred language	
	5 5	
🗹 English	Japanese	
Accept the En	nd User License Agreement (EULA)	
Read	Accept	
		ĸ
Reboot	N	ext
1024 x 768	W N P O	AES 🔵 🖲 😒

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

Dialog box will appear.

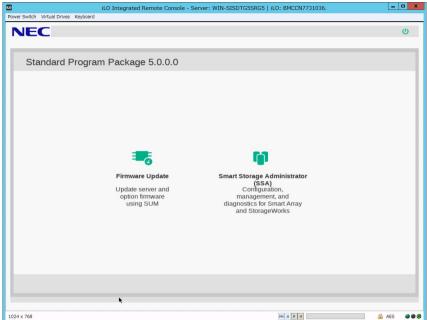
(7) Read the EULA, and then click **Accept**.

ilo	iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5   iLO: BMCCN7731036.	_ 🗆 X
Power Switch Virtual Dr	rives Keyboard	
NEC		
Standa	Standard Program Package	ж
Stanua	NEC Software License Agreement 1. License 	
Selec	this Agreement. 2. Period	
€ E	(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.	
Accer	<ul> <li>(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.</li> <li>(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.</li> <li>3. Right of use</li> </ul>	
	(1) You may use the Software only on the purchased products, the products which NEC defines as the supported models for the Software. (2) NEC grants you the right to use 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 accounts induce to the Coffman including estant and constable belong to NEC	
	Accept Reboot	
Reboot	]	Next
1024 x 768		🔒 AES 🔍 🔿 🕄

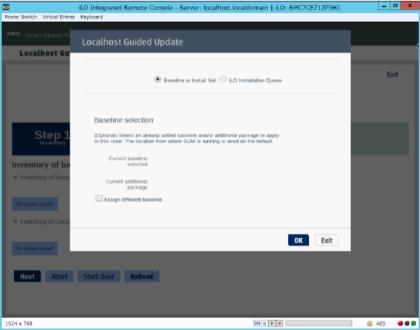
(8) Click **Next** on the lower right of the screen.

language of the second s		
<b>ILO</b>	iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5   iLO: BMCCN7731036.	_ 🗆 X
Power Switch Virtual Drives	Keyboard	
NEC		
Standard P	Program Package 5.0.0.0	
C tearreitea e r	regiant i dendige eterere	
Colored disc		
Select the	e preferred language	
🗹 Englist	sh 💷 Japanese	
Accept the	e End User License Agreement (EULA)	
	5 ( )	
Read	✓ Accept	
Read	Marken Karlen	
	N	ext
	•	
1024 x 768	IN 11 P 0	🔒 AES 🛛 🔿 🔿

(9) Click Firmware Update.



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).



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.

ILO.	iLO Integrated Remote Console - Server: WIN-SIS	DTG5SRG5   iLO: BMCCN7731036.	_ 🗆 X
Power Switch Virtual Drives Keyboard			
NEC Smart Update Manager 8.	1.0		
Localhost Guided U	odate		
			Exit
			Actions V
Step 1	Step 2 Step Review Deployme		
Inventory of baseline	and node		
<ul> <li>Inventory of baseline</li> </ul>			
Standard Program Package	Baseline successfully added	Total components 651	
▼ Inventory of Localhost			
localhost Inventory completed	Node aireac version ava	y has one or more installed components with version hig lable in the baseline.	ner than the
North About Cha	Pakaat		
Next Abort Sta	t Over Reboot		
1024 x 768		10 II P O	🙆 AES 🔍 🔿 🏵

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

10	iLO Integrated Remote Console - Se	rver: WIN-SIS	DTG5SRG	5   iLO: BMCCN77	731036.		_ 🗆 X
Power Switch Virtual Drives Keyboard							
NEC Smart Update Manager 8.							
Localhost Guided U	pdate						
							Exit
							Actions V
Step 1	Step 2						
				:			
Deployment summary	У						
▼ localhost - applicable co	omponents						I
Applicable Components: 7							
Suggested Components: 0							
Selected Components: 0							
Select all	Deselect all						
Search	Q						
Select Package Components		Ready to w proceed	Туре	Criticality	Installed Version	Available Version	Reboot Required
servers using I /5100/5200/610	r Linux - Innovation Engine Firmware for ntel Xeon Scalable 3100/3200/4100/4200 0/6200/8100/8200 series Processors 0.11-2.1.x86_64)	\$	Firmware	Optional	View Details	0.2.0.11	Required
Online ROM El	seh 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.

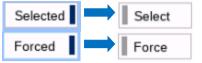
The firmware displayed depends on the server hardware configuration.

Force     Online ROM Flash for Linux × 86 64 (timware-nil-broadcom- 2.23.10-11.1x86_64)     Details       Force     Online ROM Flash for Linux - Advanced Power Capping Microcontroller Filmware for servers using Intel Xeon Scalable 3100/4005/100/610/06100/6100/6100/100/e100 series Processors (timware-powerpic-1.0.4-11.1x88_64)     Firmware Optional     View Details     1.0.4     No       Force     Online Flash for Linux - Server Platform Services (SPS) 3100/3200/4100/4200/5100/6200/8100/8200 series Processors (timware- sps-04.01.04.251.2.1.x86_64)     Firmware Optional     View Details     04.01.04.251     Required Details	Force	Online ROM Flash Component for Linux - ILO 5 (firmware-IIo5-1.40-1.1.x86_64)	\$	Firmware	Recommended	1.43	1.40	No
Force     Online ROM Flash for Linux x66 64 (timware-nit-broadcom- z2310-11.1886_64)     Details       Force     Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 31004/0051006100010010010010010010010010010010010	Force		0	Firmware	Recommended	1.43	1.30	No
Force         Microcontoller Firmware for servers using Intel Xeon * Scalable 3100/05100/6100/6100/6100/6100/6100/62006         Details           Force         Online Flash for Linux - Server Platform Services(SPS) ◆ Firmware for servers using Intel Xeon Scalable 3100/2004/100/42005/100/82006/100/800/800/800/800/800/800/800/800/800	Force	for Linux x86_64 (firmware-nic-broadcom-	\$	Firmware	Optional		2.23.10	Required
Force         Firmware for servers using Intel Xeon Scalable         Details           310/03/2004/10/04/2005/005/2005/005/2006/2008/200         Details           spe>40.10.4251.21.x86_64)         Details           Force         Online ROM Flash Component for Linux - System ROM ◆         Firmware Optional         U32 2.00 - U32 2.00 - U32 2.00 - U32 2.00 - U32 (02/02/2019)           001/07         Online ROM Flash Component for Linux - System ROM ◆         Firmware Optional         U32 2.00 - U32 (02/02/2019)           001/07         02/02         (02/02         (02/02/2019)           001/07         02/02         (02/02/2019)         (02/02/2019)	Force	Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	\$	Firmware	Optional		1.0.4	No
U22 (firmware-system- oem-u32-2.00_2019_02_02-1.1_x86_64) (02/02 /2019)	Force	Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors (firmware-	\$	Firmware	Optional		04.01.04.251	Required
arnings/Alerts	Force	U32 (firmware-system-	\$	Firmware	Optional	(02/02		Required
	/arnings	Alerts						

The blue bar means that the firmware will be installed at step (12).

(11) Search for "Online ROM Flash Component for Linux - iLO5", and make sure status of the selected component.

If iLO5 is "Selected" or "Forced", click light side of "Selected" or "Forced" to change it to "Selected" or "Forced".



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

\* For N8103-189/190/191/192/193/194/195/196/197/201 RAID/SAS contr ollers, "3.53" is displayed in "Available Version", but "3.00" will be install ed.

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

(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.

ILO .	iLO Integrated Remote Console - S	Server: WIN-SISDTG5SRG5	iLO: BMCCN7731036.	_ 🗆 🗙
Power Switch Virtual Drives Keyboard				
NEC Smart Update Manager 8.4				
Localhost Guided Up	date			
				Actions V
Step 1	Step 2	Step 3 Deployment		
Deployment				
localhost Deployment com		Deployment done.		
Search	Q			
▲ Component	Package		Deployment status	Log
firmware-ilo5-1.40-1.1.x86_64	4 Online ROM I iLO 5	Flash Component for Linux -	Success.	View log
firmware-lpk-ilo-1.30-1.1.x86	_64 Language Pa	ck - Japanese	Success.	View log
firmware-system- oem-u32-2.00_2019_02_02-1		Flash Component for Linux - I U32	Success, reboot required to activate new version.	View log
Start Over Abort	Reboot			
1024 x 768			N 11 > •	🔒 AES 🛛 🔿 🕲

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

the	below.	
iLO		iLO

Localhost Guided U	pdate			
				Actions V
Step 1	Step	2 Step 3		
			•	
	:	Deployment done.		
Iocalhost Deployment co	:	Deployment done.		
Deployment	ompleted	Deployment done.	Deployment status	Log
Deployment  Iocalhost Deployment co	ompleted		Deployment status Success.	Log View log
Deployment  Iccalhost Deployment co Search Component	64	Package Online ROM Flash Component for Linux -		

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

iLO Integrated Remo	ote Console - Server: WIN-SISDTG5SRG5	iLO: BMCCN7731036.	= 🗆 X
Power Switch Virtual Drives Keyboard			
NEC Smart Update Manager 8.4.0	Reboot		
Localhost Guided Update	Are you sure you want to reboot the node?		
	Are you sure you want to report the node?		
	Yes, Reboot Cancel		Actions V
Step 1 Step 2 Inventory Review	Step 3 Deployment		
Deployment			
Iocalhost Deployment completed	Deployment done.		
Search			
Component			Log
tirmware-llo5-1.40-1.1 x86_64	Online ROM Flash Component for Linux - ILO 5	Success.	View log
firmware-lpk-ilo-1.30-1.1.x86_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 Linux - System ROM U32	Success, reboot required to activate new version.	View log
Start Over Abort Reboot			
1024 x 768		NN II 🕨 🔍	🙆 AES 🛛 🔿 🎯

(15) 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].

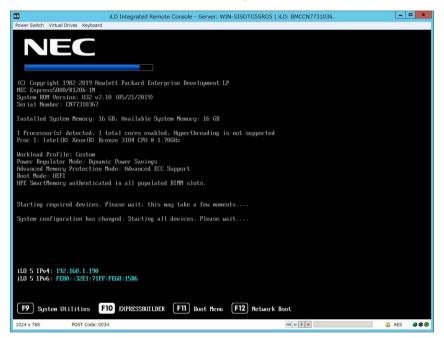
### Troubleshooting

## 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.



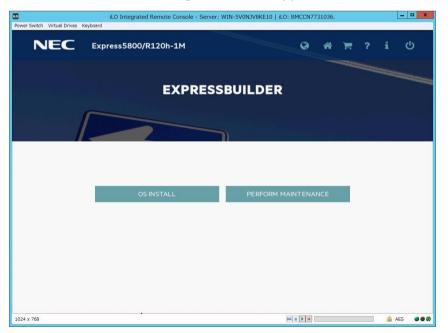
(2) Press <F10> key during POST.

The following screen will appear.

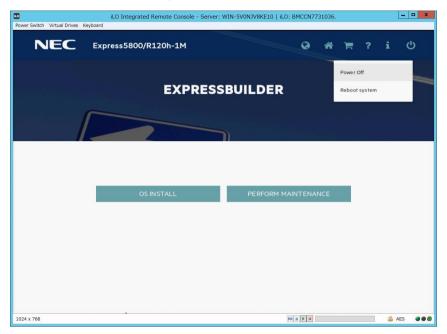
iLO	iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5   iLO: BMCCN7731036.	-	o x
Power Switch Virtual D	ives Keyboard		
Power Switch Virtual D	Keybard           Provisioning           Smart Storage Administrator           Scripting Toolkit Windows PE 64 Bit Mode           Server Hardware Diagnostics UEFI		
1024 x 768	POST Code: 003E	🔒 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.