LX Firmware Update Instructions

This document provides instructions on updating LX Platform firmware, as performed through the LX device interface. Note that the sequence of steps and referenced file names also apply to updating LX Platform firmware using PowerAlert[®] Mass Updater v1.1.1. This document is divided into two sections:

Section 1—Updating LX Platform devices running firmware version 15.00 or firmware version 15.02.

Section 2—Updating LX Platform devices running firmware version 15.04 or later.

To verify which update process to follow, click **About** in the device's web interface to view the PowerAlert Engine Version.

If the Engine version begins with 15.00 or 15.02, proceed to Section 1.

If the Engine version begins with 15.04 or 15.5.x, proceed to Section 2.

Warning: Executing the update with the wrong file or in the wrong sequence may place the device into a state where it cannot accept a firmware update.

TRIPP·LITE		About localadmin	ſ
PowerAlert Device Manager	Item		
T Status	Operating System	Ubuntu 16.04.2 LTS Linux 4.4.31 flash: 3.5G ram: 247204kB processor: a.	*
+ Control	Agent Type	Nmc5	
+ Configuration	MAC Address	00:06:67:40:2F:D3	
. comganation	Serial Number	2720FV0AC88E200919	
+ Logs	PowerAlert Driver Version	15.04.0000.16301.0001	
About	PowerAlert Console Version	15.04 (16301M-0001)	
	PowerAlert Engine Version	15.04 (16301M-0001)	
Active Alarms 🖌 0 1 0	Driver File Status	Normal	
	SNMP v3 Engine ID	8000035203000667402fd3	



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1 In the interface menu, click **Control > Device**, then select the **Firmware Update** check box. The **Choose File** button will appear below the Control menu.

TRIPPILITE			Devic	e Controls		localadmin 📲
PowerAlert Device Manager		D	Device:	Syste	m 🔻	
+ Status		F	Function:	Maintenan	ce 🔻	
Device						0
		Control				
Loads		Restart SNMP Card				*
Load Groups		Restart with Factory Defaul	Ilts (Preserve Network Settings)			
		Restart with Factory Defaul	ilts (Do NOT Preserve Network Se	ettings)		
Events	~	Firmware Update				
+ Configuration	$\left \right\rangle$					
+ Logs						
About						
Active Alarms 4 0 0 1 0						-
		elect firmware file, then sel	elect run button to upload & upd	late:		
		Choose File No file chose	en			

2 Click the Choose File button. In the window that appears, navigate to the location where the downloaded Firmware folder is stored. From within the STEP 1 folder, select the Repo_padm_upgrade_15_0_step1-15.5.3.16000.tar file, then click Open. The window will close and return to the device web interface.

← → * ↑	This PC	> Desktop > Firmware > STEP 1		✓ Ö Search STEP	1	Q
the state of the second	^	Name	Date modified	Туре	Size	
Desktop	*	www.acade_15_0_step1-15.5.3.16000.tar	11/13/2017 11:44	WinRAR archive	10 KB	

If using the PowerAlert Mass Updater utility (version 1.1.1 or later), click the **Browse** button and navigate to the location where the downloaded Firmware folder is stored. Select the STEP 1 folder, then click **OK**.

PowerAlert Mass Updater Select Files To Update Path to Files to Update Browse	×
Browse For Folder Please choose the folder containing the new firmware files	×
 This PC Desktop Firmware STEP 1 STEP 2 	^

3 Click the Run Control button > to start the update procedure. A message box will appear, asking to confirm starting the update. Click **Continue**. Please allow several minutes for the update to complete.

TRIPPIITE	Device Con	trols localadmin
PowerAlert Device Manager	Device:	System 💌
+ Status		
- Control	Function:	Maintenance 🔻
Device	Control	
Loads	Restart SNMP Card	*
Load Groups	Restart with Factory Defaults (Preserve Network Settings)	
	Restart with Factory Defaults (Do NOT Preserve Network Settings)	
Events	Firmware Update	
+ Configuration		
+ Logs		
About		
Active Alarms 🖌 0 1 0		Ţ
	Select firmware file, then select run button to upload & update:	
	Choose File Repo_padm_u16000.tar	
Control		
Restart SNMP Card		
 Restart with Factory Defa 	ults (Preserve Network Settings)	
 Restart with Factory Defa 	ults (Do NOT Preserve Network Settings)	
✓ Firmware Update		
Select firmware file, then s	Update may take several n update will start, device will You can attempt to re-log Continue	ninutes. Upon completion of upload, reboot, and client session will log out. in after several minutes. Continue?
Choose File Repo_padm	_u16000.tar	

4 When the update is complete, clear the browser cache. Close, then reopen the browser and log in to the device's web interface.

5 Repeat steps 1 through 4, this time opening the STEP 2 folder and selecting the **Repo_padm_upgrade_15_0_step2-15.5.3.1031.tar** file. Please wait at least 10 minutes for this update to complete.

~	→ 👻 🛧 📙 → This PC	> Desktop > Firmware > STE	P 2		~ Ū	Search STEP 2	2	Q
*	へ Quick access Desktop ★	Name ^	step2-15.5.3.1031.tar	Date modified 7/31/2018 2:10 PM	Type WinRA	R archive	Size 248,140 KB	
	Control							
	Restart SNMP Card							
	Restart with Factory (Defaults (Preserve Network	Settings)					
	Restart with Factory (Defaults (Do NOT Preserve	Network Settings)					
~	Firmware Update							
S	elect firmware file, th	en select run button to up	Update may tak update will start, You can attem	ke several minutes device will reboot pt to re-login afte Continue	s. Upon ;, and cl er severa Ca	completion of ient session al minutes. C ancel	of upload, will log out. continue?	
	Choose File Repo_p	adm_u17614.tar						

If using the PowerAlert Mass Updater utility (version 1.1.1 or later), click the **Browse** button and navigate to the STEP 2 folder. Select it, then click **OK**.

Browse For Folder Please choose the folder containing the new firmware files			
Please choose the folder containing the new firmware files			
V Desktop			
🗸 🔄 Firmware			
STEP 1			
STEP 2			

6 When the second upgrade has been completed, go to the About page to confirm the update was successfully installed.

Note: If the device had a dynamically assigned (DHCP) IP address, the IP address may be different after the upgrade.

TRIPPILITE		About	localadmin =	Ł
Pawar Mart Davias Managar	ltem			
	Operating System	Ubuntu 16.04.4 LTS Linux 4.4.31 flash: 3.5G ram: 247204kB processor: armv7l		^
	Agent Type	Nmc5		
+ Control	MAC Address	00:06:67:40:1D:A4		
L Confirmation	Serial Number	2702AV016769700093		
+ Configuration	PowerAlert Driver Version	15.5.3 (Build 1031)		
+ Logs	PowerAlert Console Version	15.5.3 (Build 1031)		
A 1	PowerAlert Engine Version	15.5.3 (Build 1031)		
About	Driver File Status	Normal		
Active Alarms 🗲 0 ! 0 🖠 0	SNMP v3 Engine ID	8000035203000667401da4		
				-
	4		1	Þ
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1 In the interface menu, click **Control > Device**, then select the **Firmware Update** check box. When the Update window appears, click the **Choose File** button.



2 In the new window that appears, navigate to the location where the downloaded **padm_upgrade-15.5.3.1031.tar** file is stored. Select the file, then click **Open**. The window will close and return to Update window, showing the file name next to the Choose File button. Click the **Upload** button.

Open Open						×
← → × ↑ 🔒 > This P	C > I	Desktop » LX Upgrade	ٽ ~	Search LX Upgrad	de	9
Organize 🔻 New folder				-	= •	?
💻 This PC	^	Name	Date modified	Туре	Size	
🧊 3D Objects		🙀 padm_upgrade-15.5.3.1031.tar	7/31/2018 12:52 PM	WinRAR archive	226,270 KB	
Desktop						
Documents						
File nam	e: nad	Im ungrade-15.5.3.1031 tar		✓ All Files		~
		ingupgrade 15.55.165 filler		Open 💌	Cancel	
				open (*	Cancer	
		Update			×	
	_					
Choose update file, the	en select	t 'Upload'				
Choose File pacingu	pgrau	5.1051.tai			_	
					Upload►	
L						

If using the PowerAlert Mass Updater utility (version 1.1.1 or later), click the **Browse** button and navigate to the location where the downloaded Firmware folder is stored. Select it, then click **OK**.

approverAlert Mass Updater	×
Select Files To Update	
Path to Files to Update	Browse
Browse For Folder	×
Please choose the folder containing the new firmware files	
🗸 🛄 This PC	^
✓ 🛄 Desktop	
Firmware	

3 A progress bar will indicate the start of the upload. When it is completed, click on the **Update** button. Please allow at least 10 minutes for the update to complete.

	Upload	Maintenance		
	Unload in program			
	opioad in progress.			
_	19 %			
		Update	×	
	File upload	ded. Select 'Update' to start u	pdate.	
	Update	×		
			1	
	Setting up update processes			
	20 %			
			Update	
		Update Finish	ed	×
	Upgrade has completed. Devi	ce is now rebooting. Please o login in a few min	clear browser cache & close browser, · nutes	then re-

4 When the update is complete, clear the browser cache. Close, then reopen the browser and log in to the device's web interface. **Note:** If the device had a dynamically assigned (DHCP) IP address, the IP address may be different after the upgrade.

5 Go to the **About** page to confirm the update is successfully installed.

TRIPPILITE		About	localadmin	-
PowerAlert Device Manager	Item			
	Operating System	Ubuntu 16.04.4 LTS Linux 4.4.31 flash: 3.5G ram: 247204kB processor: armv7l		-
+ Status	Agent Type	Nmc5		
+ Control	MAC Address	00:06:67:40:1D:A4		
+ Configuration	Serial Number	2702AV016769700093		
	PowerAlert Driver Version	15.5.3 (Build 1031)		
+ Logs	PowerAlert Console Version	15.5.3 (Build 1031)		
About	PowerAlert Engine Version	15.5.3 (Build 1031)		
About	Driver File Status	Normal		
Active Alarms 🗲 0 ! 0 🚺 0	SNMP v3 Engine ID	8000035203000667401da4		
				-
	4			•
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