

LiveNX Upgrade Guide 9.0.x to 9.1.x UBUNTU Converstion

UPGRADE

LiveAction, Inc. 3500 WEST BAYSHORE ROAD PALO ALTO, CA 94303

The Upgrade Guide consists of the following:

- 1. Upgrade Requirements (Mandatory)
 - a) Export Devices (Mandatory)
 - b) Backup Server Configurations (Mandatory)
 - c) <u>Create VM Snapshot (Mandatory) (ESXi)</u>
- 2. Upgrading the Open Virtualization Appliance (OVA) based LiveNX
 - a. LiveNX Server All-In-One OVA (Mandatory)
 - i. Online Upgrade
 - ii. Offline Upgrade
 - b. LiveNX Node All-In-One OVA (If applicable)
 - i. <u>Online Upgrade</u>
 - ii. Offline Upgrade
- 3. Upgrading the LiveNX Client (Mandatory)
 - a. <u>Windows</u>
 - b. <u>Mac</u>
- 4. Verification (Recommended)

Upgrade Requirements

- Requires a minimum of 8GB VM memory to successfully upgrade.
- Primary DNS must be reachable from the LiveNX and Node.
- Customers currently using a cloud license with an active maintenance contract will be automatically
 licensed for a major version upgrade. Customers currently using a traditional offline activated license key
 require an updated license for a major version upgrade and must contact LiveAction Support at
 <u>support@liveaction.com</u>.
- Export Devices (Mandatory)
- <u>Backup Server Configurations (Mandatory)</u>
- <u>Create VM Snapshot (Mandatory)</u> of your current LiveAction VM(s) before proceeding with the upgrade.
 - Once the upgrade has been successfully completed, power off the VM and delete the snapshot.
 In general, VMs with snapshots run slower and may impact performance. Do not retain a single snapshot for more than 24-72 hours.

Known Issue and Caveats

Performance degradation was observed in LiveNX Server/Node systems with 8GB VM Memory. We recommend increasing the LiveNX OVA VM Memory to 32GB before upgrading to v7.3.0 and newer releases. See <u>OVA Specifications</u> for VM sizing requirement options.

Export Devices

Step 1

From the Java Client, choose File > Export Devices





Step 2 Click Export to CSV, enter a filename, then Export

Dashboard Manage 💷 Expand	QoS Flow Routin	ng IP SL	A LAN												
Q	🕂 🗣 🖪 🖊 📮 📲	R R T	able 🕂 Refresh 🛛 All Flow	Types	Current Tin	ne 🗸 Curr	ent Polling	Interval 🗸	🖙 *DefaultF	ilterGroup 🗸 Top	200 🗸	🛃 Displa	y Filter Co	olors 🗸	
Name	Search Example: (site	🔝 Exp	port Devices												×
Mame												Q - Two	e here to	filter result	e .
London		Add/U	Name	Туре	Device Serial	IP Address	Vendor	Model	IOS Version	Description	Line Rate	Node	Group	Site	Site CIDR
B Palo Alto			GigabitEthernet0/0	Interface Interface	PCM28202PM67	18.28.1.2 18.28.298.29 18.28.251.4	Cisco	catsexostack	Unknown OS	Cisco IOS Software, IO	1,000,000	Local	Palo Alto	Palo_Alto	in an an ar a
			-Null0 -StackPort1 -StackSub-St1-1	Interface Interface Interface	_						4,294,967 4,294,967	,			
			-StackSub-St1-2 -TenGigabitEthern	Interface Interface	Export th	e content to	a CSV file			~	\$ 🗈 🖽-	×			
	N N N N N N N N N N N N N N N N N N N	-TenGigabitEthern -TenGigabitEthern -Vlan1	Interface Interface Interface		Apower	soft th Exchar	ige Folder								
			Vlan2 GigabitEthernet0/0 GigabitEthernet0/1	Interface Router Interface Interface	Recent Items Custom Office Templates								ondon	London	18.38.1.6/34
	✓ Global Hullo - Viant ✓ - Global ✓ - Global	-GigabitEthernet0/2 -Null0 -Vlan1 = 4331-A-42	Interface Interface L2VLAN Router	Documents	My Reco	eived File bes e Notebo	s ioks					slo Alto	Palo_Alto	18.28.38.0(3.	
		✓ GigabitEthernet0 II ✓ GigabitEthernet0.II ✓ GigabitEthernet0/ II ✓ GigabitEthernet0/ II ✓ GigabitEthernet0/ II	Interface Interface Interface Interface Interface	This PC	RingCentralMeetings Virtual Machines										
			-GigabitEthernet0/ -Loopback0	Interface Interface	1	File name:	LiveNX	Devices 02102	017			Export			
			-Null0 -Vlan1	Interface Interface	Network	Files of type:	CSV file	es (*.csv)			1,000,000	Cancel			
			GigabitEthernet0/ GigabitEthernet0/ GigabitEthernet0/	Router Interface Interface	PLHQBLSHIPP	18.28.38.2 18.28.38.2 18.28.41.4	Cisco	cisco15R4331	15.4(3)54	Cisco IOS Software, IS connected to 4331-A-42 connected to ASR9K-B-14 connected to ni-3-A-32	1,000,000	Local	New York	New_York	10.20.41.43
	Color Manalas D. Disal	Ŭ	Nullo	Interface						connected to prove 52	4,294,967				
	Internet *100 MB / 32 flor						<						Export to	CSV	Close

Figure 2: Name and location for the Exported Devices

Step 3

Shutdown the Client by selecting **File > Exit**.

Backup Server Configurations

Step 1

Login to the LiveNX Web Client

LiveNX	

Figure 1: LiveNX Web Login

Step 2

In the top right corner, click Settings:



Figure 2: Server Settings



Click the **Configuration** tab, then Export. If required, click **Encrypt** to password-protect the file.

≡ LiveAction [™] [™] [™]	New Features! 🔺 11 📮 0 🔹 0
Settings	
Licensing	
Proxy	
Updates	Export Import
Reports	
Email Configuration	EXPORT CONFIGURATION
Mounted Data	Encrypt
Properties ~	PASSWORD
SNMP Trap	Add password
Syslog	REPEAT PASSWORD
Nodes	Confirm password
Configuration	Evant
Troubleshooting ~	Ехрот
API Token	

Browse to and specify the export location, then click Export.

Figure 3: Export Configuration

Step 4

During the export process, the Server will be temporarily disabled. Click **Yes** to continue.

CONTINUE EXPORTING										
Client access to the server will be temporarily disabled during export process (all users will logged out except current user). Do you want to continue?										
	Cancel	ОК								

Figure 4: Export Warning



Create a VM Snapshot (ESXi)

Before upgrading the LiveNX Server/Node, take a VM snapshot of the OVA. With a snapshot, the upgrade can be reverted if an unexpected error occurs.

-							
I0.1.2.13 - vSphere Client							
File Edit View Inventory Administration Plug-ins Help							
Home 🕨 🛃 Inventory 🕨 🛐 Inventory							
🔲 II 🕟 🧐 🔯 🖓 😰 🕪 🧇	₽.						
E 10.1.2.13	LiveNX Ser	ver 6.1.2@ 10.20.6.10					
Archive	Getting Sta	rted Summary Resource Allocation	Performance Events Console				
LiveNX node 6.1.2 @10.20.6.9	- T	\	·				
LiveNX Node 6.1.2@10.20.6.6	What is	a Virtual Machine?					
LiveNX server 6.1.2@ 10.20.6.10	Avistual	machine is a software computer	that like a				
livenx-node-6.2.0-cust Power	•	omputer, runs an operating sys	tem and				
livenx-node-6.2.0-cust Guest	•	hs. An operating system installe	d on a virtual				
livenx-server-6.2.0-cus Snapshot	•	🖄 Take Snapshot					
Divenx-server-6.2.0-cus		Revert to Current Snapshot	computing				
bivenx-server-6.2.0-cus bit Settings		11 Snapshot Manager	is desktop or				
Samplicator (6.1.0) @: Add Permission	Ctrl+P	e server applications.	inchia, or to				
Windows Box(JumpBox Report Performance		chines run on bests. The same best can run					
Reparte		ial machines.	nost can run				
Open in New Window	Chilly Alba N	_					
Permeyo from Investory	CUITAILTIN						
Delete from Disk		sks					
Detete non obse	Shi	down the virtual machine					
	_						
	Sus	pend the virtual machine					
	🔂 Edi	t virtual machine settings					

Figure 1a: Taking a Snapshot of the OVA

🕗 Take Virtual Machine Snapsh 🗕 🗖 🗙									
Name									
LiveNX8.0.xto8.1.x									
Description									
Snapshot before upgrading to 8.1.x									
Snapshot the virtual machine's memory									
Quiesce guest file system (Needs VMware Tools installed)									
OK Cancel									

Figure 1b: Details of the Snapshot

Upgrading the All-In-One OVA (Online)

Step 1

Log into the LiveNX Web Client. In the top right corner of the LiveNX page, click the Settings icon. Go to **Settings**



Figure 1: LiveNX Web

Step 2

Place the following URL in the empty field under **Updates** > "**UPGRADE PACKAGE URL**" then click **Start Update**.

https://download.liveaction.com/LiveNX/9_1_0/software_package-livenx-server-9.1.0-UBUNTU.enc

LiveAction"	NX UX		New Fea	tures! 43	• 0 • 0	🌲 330	{} 🖛	P	0 -	۰.	•
ettings											
censing	^										
License Configuration		UPDATES									
оху		Information									
pdates		Latest Version	9.1.0 🖸	Curr	ent Version	9.0.0				View All V	ersions
eports	~										
nail Configuration			Online Update					Offline Upda	ate		
ngle Sign On - ADFS		① Note: Enter server	r upgrade package URL from	http://www.liveaction	.com/go/softw	are-download					
ounted Data		UPGRADE PACKAGE U	PI								
operties V https://download.liveaction.com/liveNX/9_1_0/coftware_package-liveny-server-9_1_0/IRUNTU.enc											
ta Store Management											
IMP Trap		Start Update									
slog											



Enter the URL and click on **Start Update**. A status bar will indicate **Downloading > Running > Success**. Once completed, the web client will automatically log out. If observed in a vCenter Console, the Server OVA will reboot automatically. The LiveNX Web login page will reload automatically after approximately 120 seconds.

Step 3

Log into the LiveNX Web Client and verify that the Server and Web version has been updated to 9.1.0.



Figure 3: LiveNX Version in the WebUI

Upgrading the All-In-One OVA (Offline)

Step 1

Copy and paste the following URL into a browser to download the upgrade package:

https://download.liveaction.com/LiveNX/9 1 0/software package-livenx-server-9.1.0-UBUNTU.enc

Step 2

Log into the LiveNX Web Client. In the top right corner of the LiveNX page, click the Settings icon. Go to **Settings**



Figure 1: LiveNX Web

Step 3

Updates > **Offline Update** > "**SELECT UPDATE FILE**", click "Choose File" and browse to the software package location. Click **Open**, then "**Start Update**".

LiveAction"	NX UX		New Featur	es! 🔺 43	0 0	. 4 330	{} 🗢	₽	0 -	* -	å :
ttings											
ensing	^										
License Configuration		UPDATES									
icense Expiration Notification											
оху		Information									
odates		Latest Version	9.1.0 😂	Curr	ent Version	9.0.0				View All Ve	ersions
ports	~										
ail Configuration			Online Update					Offline Upda	te		
gle Sign On - ADFS		① Note: Download upo	date file from: http://www.live	action.com/go/sof	ware-download	1					
ounted Data											
operties	\sim	SELECT UPDATE FILE									
ta Store Management		software_package-iver	A Server 5.1.0-0001110.enc					~			
MP Trap		Start Update									
slog											



A status bar will indicate **Downloading > Running > Success**. Once completed, the web client will automatically log out. If observed in a vCenter Console, the Server OVA will reboot automatically. The LiveNX Web login page will reload automatically after approximately 120 seconds.

Step 4

Log into the LiveNX Web and verify that the Server and Web version has been updated to 9.1.0.

APPLICATION VERSION	
Server Version :	9.1.0-20200130-111543f
Web Version :	9.1.0-20200130-5e2d033+b56

Figure 3: LiveNX Version in the Web UI

LiveAction[™]

Upgrading the Node OVA (Online)

This section provides instructions to upgrade the Node OVA to the latest version using the online method. This is used when a LiveNX Node has online access to download the upgrade package.

Step 1

Log into the LiveNX Web Client. In the top right corner of the LiveNX page, Click the Settings icon. Go to **System** Management > Nodes.



Figure 1: LiveNX Web

Step 2

Click the IP Address of the LiveNX Node under "LOCATION" column to launch the Node Web UI. Login with the username "admin" and password "admin".

≡	LiveAction ⁻	NX UX												11 -	0 • 0) 🙏 300	{-}	Ģ	0.	¢٠	💄 admin 👻
< s	/stem Management																				
Lio	ensing	Reports	Updates	Prop	perties	Web Properties	Mounted Data	Nodes		Troubleshooting	SNMP Trap		Email	P	'oxy	Con	figuration		API Token		Syslog
Add	Add Taolof 🖋 Remove Nodes																				
	NODE NAME		0	STATUS		c	NODEID		٥	LOCATION		0	ANALYTICS NODE	ADDRESS			o ANI	LYTICS NODE	STATUS		0
	Node Name Status			Node ID			Location			Analytics Node Address			Ar	Analytics Node Status							
	Local/Server Co			Connected	Connected			bda2aee8-bdbb-4dda-ab2f-a02fa0231cb4		Local			N/A			Uni	Unknown				
	node191 Disconnected			1861cfd2-f714-477a-943	5-5f4e3bbb1b59	10.1.80.191 N/A Unknow					Unknown										
10 rows	/ 2										0									« < 1	/1 > >

Figure 2: Nodes Tab

LiveNX	

Figure 3: LiveNX Node Web UI

Click the "Update" tab then select the Online option. Enter the following URL then "Start Update".

https://download.liveaction.com/LiveNX/9 1 0/software package-livenx-node-9.1.0-UBUNTU.enc

LiveActi	ON.									
About	Properties	Configuration	Troubleshooting	Update						
Online	Offline									
Check F	For Update									
ENTER NODE UPGRADE PACKAGE URL FROM HTTP://WWW.LIVEACTION.COM/GO/SOFTWARE-DOWNLOAD										
Start U	Ipdate		21.1							

Figure 4: LiveNX Node Online Update

A status bar will indicate **Downloading > Running > Success**. Once completed, the web client will automatically log out. If observed in a vCenter Console, the Node OVA will reboot automatically. The LiveNX Web login page will reload automatically after approximately 120 seconds.



Figure 5: Success



Verify that the LiveNX Node Status is "Running".

LiveAct	ion~			
About	Properties	Configuration	Troubleshooting	Update
NODE				
Node V	ersion :	9.0.0-20191120-8	f91b9a	
OVA Ve	ersion :	1.39.0		
Node N	lame :	LiveNX8-node		
Node II	D:	baedfd28-9cb7-4	ca1-a29c-d58580b4ebf3	
Node S	tatus :	Running		
Server	Address :	10.1.80.128		
Analyti	cs Node Address	: Unknown		
Analyti	cs Node Status :	Disconnected		

Figure 6: Node Status Running

Step 5

In the LiveNX Server, verify that the LiveNX Node Status is Connected.

≡	LiveAction [™] ^{NX}			▲ 0	• 0	• 0 🐥 2 {	} 📮	0· ¢·	💄 admin 👻
< Sy	stem Management								
Licensii	ng Reports Update:	Properties Web Proper	ties Mounted Data Nodes	Troubleshooting SN	NMP Trap	Email Configuration	Configure Prox	configuration	API Token
Add 1	Add Node 💉 Remove Nodes						nalytics Node		
	NODE NAME	STATUS \$	NODE ID	LOCATION	\$	ANALYTICS NODE ADDRES	\$	ANALYTICS NODE STATUS	\$
	Node741	Connected	caebf479-7143-41f3-bf6b-dfe3d7b	10.1.80.193		N/A		Unknown	
	Local/Server	Connected	d99907d5-834b-483b-98b2-2b3981	Local		N/A		Unknown	
10 rows	/ 2							« < 1	/1 > >

Figure 7: Node Status Connected

Upgrading the Node OVA (Offline)

This section provides instructions to upgrade the Node OVA to the latest version using the offline method.

Step 1

Copy and paste the following URL in a browser to download the upgrade package:

https://download.liveaction.com/LiveNX/9 1 0/software package-livenx-node-9.1.0-UBUNTU.enc

Step 2

Log into the LiveNX Web Client. In the top right corner of the LiveNX page, Click the Settings icon. Go to **System Management > Nodes.**



Figure 1: LiveNX Web

Step 3

Click the IP Address of the LiveNX Node under "LOCATION" column to launch the Node Web UI. Login with the username "admin" and password "admin".

≡	LiveAction	NX UX										۵	11	0 •	0 🐥 300	{-	-} 🖵	0.	¢٠.	💄 admin 👻
< s	ystem Managemer	it																		
Uc	ensing	Reports	Updates	Properties	Web Properties	Mounted Data	Nodes	1	Troubleshooting	SNMP Trap		Email		roxy	Cor	nfigurati	ion	API Token		Syslog
Add	Node 💉 Ren	nove Nodes											1				🖪 Node Config		Export A	nalytics Node
	NODE NAME		0	STATUS	٥	NODE ID		٥	LOCATION		٥	ANALYTICS NODE	ADDRESS			٥	ANALYTICS NOD	STATUS		0
	Node Name			Status		Node ID			Location			Analytics Node	Address				Analytics Nod	e Status		
	Local/Server			Connected		bda2aee8-bdbb-4dda-a	b2f-a02fa0231cb4		Local			N/A					Unknown			
	node191			Disconnected		1861cfd2-f714-477a-94	35-5f4e3bbb1b59		10.1.80.191			N/A					Unknown			
10 row	5 / 2																		« < 1	/1 > >





Figure 3: LiveNX Node Web UI

Under "SELECT UPDATE FILE", browse to the location of the software package. Click on Open, then "Start Update".

LiveActi	ion"				
About	Properties	Configuration	Troubleshooting	Update	
Onlin 1. DOWN	e Offline	LE FROM HTTP://WW	/W.LIVEACTION.COM/GC)/SOFTWARE-DC	WNLOAD
2. SELEC	T UPDATE FILE				
🛓 Cho	oose File softwar	e_package-livenx-node-	9.1.0-full.zip		
Start	Update				

Figure 4: LiveNX Node Offline Update

A status bar will indicate **Downloading > Running > Success**. Once completed, the web client will automatically log out. If observed in a vCenter Console, the Node OVA will reboot automatically. The LiveNX Web login page will reload automatically after approximately 120 seconds.

SUCCESS	×
OVA updated successfully. OVA will be rebooted.	
ок	

Figure 5: Success



Verify that the LiveNX Node Status is "Running".

LiveActi	ion [°]			
About	Properties	Configuration	Troubleshooting	Update
NODE				
Node V	ersion :	9.0.0-20191120-8	if91b9a	
OVA Ve	rsion :	1.39.0		
Node N	ame :	LiveNX8-node		
Node I	D :	baedfd28-9cb7-4	ca1-a29c-d58580b4ebf3	
Node S	tatus :	Running		
Server	Address :	10.1.80.128		
Analyti	cs Node Address :	Unknown		
Analyti	cs Node Status :	Disconnected		

Figure 6: Node Status Running

Step 6

In the LiveNX Server, verify that the LiveNX Node Status is Connected.

≡ l	_iveAction"	NX						▲ 0	0	• 0	2	-} 📮	0 -	0 -	💄 admin 👻
< Sys	tem Management														
Licensin	g Reports	Updates	Properties	Web Propert	es Mounted Data	Nodes	Troubleshootin	g S	NMP Trap	En	nail Configuration	Configure P	roxy Co	nfiguration	API Token
Add N	Add Node 🌶 Remove Nodes														
	NODE NAME	\$	STATUS	\$	NODE ID	\$	LOCATION		٥	ANAL	YTICS NODE ADDRE	ss 🗘	ANALYTICS	NODE STATUS	٥
	Node741		Connected		caebf479-7143-41f3-b	of6b-dfe3d7b	10.1.80.193			N/A			Unknown		
	Local/Server		Connected		d99907d5-834b-483b	-98b2-2b3981	Local			N/A			Unknown		
10 rows	/ 2													« < 1	/1 > >

Figure 7: Node Status Connected

LiveAction[™]

Upgrading the LiveNX Client for Windows

Step 1

LiveNX Client for Windows 32-Bit OS

https://download.liveaction.com/LiveNX/9 1 0/LiveNXClient-9.1.0-UBUNTU-windows-x32.exe

LiveNX Client for Windows 64-bit OS

https://download.liveaction.com/LiveNX/9_1_0/LiveNXClient-9.1.0-UBUNTU-windows-x64.exe

Step 2

Uninstall the legacy Client. Click on Next to confirm the uninstallation procedure.

- « Local Disk (C:) > Program Files > LiveAction Client 8.4.0 > ・ v Ö							
Name	Date modified	Туре					
📙 .install4j	9/26/2019 2:24 PM	File folder					
📙 config	9/26/2019 2:20 PM	File folder					
docs	9/26/2019 2:20 PM	File folder					
📙 jre	9/26/2019 2:20 PM	File folder					
📙 lib	9/26/2019 2:22 PM	File folder					
📙 template	9/12/2019 10:45 PM	File folder					
Er LiveAction Evaluation License Agreemen	9/12/2019 10:43 PM	PDF File					
Erection Software Perpetual License an	9/12/2019 10:43 PM	PDF File					
LiveAction Software Subscription License	9/12/2019 10:43 PM	PDF File					
LiveAction.jar	9/12/2019 10:43 PM	JAR File					
LiveActionClient.exe	9/12/2019 10:45 PM	Application					
🔊 uninstall.exe	9/12/2019 10:45 PM	Application					

Figure 1: Client Uninstaller via Start shortcut

Step 3

Run the executable file LiveNXClient_windows-x64_<version>_setup.exe. The first page of the Wizard is shown below. Select the Next button.



Figure 2: Windows Client Install – Welcome Page

Proceed to the Destination Directory Page with the recommended default file location. Then select Next.

Setup - LiveAction Client 9.0.0	_		×
Select Destination Directory Where should LiveAction Client be installed?			
Select the folder where you would like LiveAction Client to be installe	d, then (dick Nex	t.
Destination directory			
C:\Program Files\LiveAction Client 9.0.0	Bro	owse	
Required disk space: 343 MB			
Free disk space: 98,646 MB			
< Back	Next >	(Cancel

Figure 3: Windows Client Installation – Destination Directory

Step 5

Setup the Start Menu folder. We recommend you accept the default name for this folder in order to reduce any confusion with previous or subsequent versions of the Client.

Setup - LiveAction Client 9.0.0	-		×
Select Start Menu Folder Where should Setup place the program's shortcuts?			
Select the Start Menu folder in which you would like Setup to creashortcuts, then dick Next.	ate the prog	ram's	
LiveAction Client 9.0.0			
Accessibility Accessories Administrative Tools Cygwin LiveAction Client 6.2.3 LiveAction Client 7.3.0 LiveAction Client 8.1.0			*
< Back	Next >	С	ancel

Step 4: Windows Client Installation – Start Menu Folder

Step 6 Click **Next** on the Client setup, then accept the creation of a desktop icon if desired.

Setup - LiveAction Client 9.0.0		-		×
Select Additional Tasks Which additional tasks should be performed?				
Select the additional tasks you would like Setup to Client, then click Next.	o perform while i	installing Live	Action	
Create a desktop icon				
	< Back	Next >	Ca	ncel

Figure 5: Select Additional Tasks on the Client

The Client setup will begin its install procedure. Once completed, click Finish.



Figure 6: Windows Client Installation – Completion

Step 8

When the installer completes, run the Client and login using your credentials.



Client Login	×
LiveNX	
Username:	
Password:	
For first time use:	
Username and password are "a	dmin"
Click "Configure" to setup server	r address
Configure OK	Cancel

Figure 6: Client login

Upgrading the LiveNX Client for Mac

Step 1

LiveNX Client for Mac OS

https://download.liveaction.com/LiveNX/9 1 0/LiveNXClient-9.1.0-UBUNTU-macos.dmg

Step 2

Uninstall the legacy Client by right-clicking on the LiveNX Client and selecting Move to Trash.



Figure 1: Uninstalling the Client

Step 3

Install the LiveNX Client by opening the LiveNXClient_macos_<version>_setup.dmg file. Run the Client installer and follow the installation wizard:



Figure 2: Installation wizard

Proceed to the Destination Directory Page with the recommended default file location. Then select Next.

• • •	Setup - Liv	veAction Client	9.0.0	
Select Destination Where should Live	Directory Action Clien	t be installed?		
Select the folder wh then click Next.	nere you wou	ıld like LiveAct	ion Client to	be installed,
/Applications				Browse
Required disk space	e: 930 MB			
Free disk space:	345 GB			
install4i				
iiistail4j		< Back	Next >	Cancel

Figure 3: Mac Client destination directory

Step 5

Click Next on the Client setup, then accept the creation of a desktop icon if desired.



Figure 4: Select Additional Tasks – Create a desktop icon

The Client setup will begin its install procedure. Once completed, click Finish.



Figure 5: Completing the install wizard

Step 7

When the installer completes, run the Client and login using your credentials.

Client Login X				
LiveNX				
Username:				
Password:				
For first time use:				
Username and password are "admin"				
Click "Configure" to setup server address				
Configure OK Cancel				

Figure 6: Client login

Verification (Recommended)

Once the Client, Server, and Node are upgraded, log into the Client and verify that all your devices are loaded. If any devices are "greyed out", perform a REFRESH for that specific device or select HOME and Refresh all devices. After the refresh is completed, all devices should now be green. If any issues arise during the upgrade process please contact LiveAction Technical Support.