LiveAction LiveNX Upgrade Guide



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Upgrade Requirements

- Installation running versions older than 21.4.0 will require a two-step upgrade. Please see Using LiveNX Upgrade Packages on page 2..
- Requires a minimum of 8 GB 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 *support@liveaction.com*.
- Export Devices (Mandatory)
- Backup Server Configurations (Mandatory). See Backup Server Configurations on page 6.
- Create VM Snapshot (Mandatory) of your current LiveAction VM(s) before proceeding with the upgrade. See Create a VM Snapshot (ESXi) on page 7.
 - 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.

Using LiveNX Upgrade Packages

Beginning with LiveNX version 21.4.0, upgrade packages are only available as *.enc* files. Previous versions of LiveNX Server and Node supported a combination of *.zip* and *.enc* upgrade packages.

For LiveNX Node installs starting from 21.2.2 to 21.3.1, the *.zip* upgrade package is only supported, and a mandatory two-step upgrade is required. LiveNX Node installs must upgrade to LiveNX 21.3.1 version using a *.zip* upgrade package, then upgrade to the desired newer version using an *.enc* upgrade.

See the examples below on how to use the *.zip* and/or *.enc* files to upgrade LiveNX to the desired LiveNX version. See *LiveAction Downloads Page* on page 2 for instructions on how to obtain LiveNX upgrade packages.

Example 1: Upgrading from LiveNX 9.5.6 to latest version

If your system is currently using LiveNX 9.5.6, and you want to upgrade to the latest version, follow this step:

• Upgrade using the .enc upgrade package to latest version.

Example 2: Upgrading from LiveNX 21.2.2 to latest version

If your system is currently using LiveNX 21.2.2, and you want to upgrade to the latest version, follow these steps:

- 1. Upgrade Nodes using the .*zip* upgrade package to 21.3.1.
- 2. Then upgrade again using the .enc upgrade package to latest version.

Example 3: Upgrading from LiveNX 21.3.0 to latest version

If your system is currently using LiveNX 21.3.0, and you want to upgrade to the latest version, follow these steps:

- 1. Upgrade Nodes using the .*zip* upgrade package to 21.3.1.
- 2. Then upgrade again using the .enc upgrade package to latest version.

LiveAction Downloads Page

You can obtain LiveNX upgrade packages from the LiveAction *Downloads* page at *https://liveaction.com/download/links*. When using upgrade packages in the various dialogs throughout this guide, you are prompted to paste the URL of the upgrade package directly into the dialogs. From the *Downloads* page, you can easily copy the URL of the desired upgrade package and then paste the URL directly into the dialog when prompted.

Release Docs: Release Notes Data Sheet Onlek Start Guide	Legend: ED Early Deployment: Software that has new features, enhancements and bug fixes MD Maintenance Deployment: Software that has only bug fixes.
Ould other ould be	
Additional Documentation	★ Recommended Release by Support Team / TAC.
Additional Documentation LiveNX 21.x releases: LiveNX 21.5.2	★ Recommended Release by Support Team / TAC.
Additional Documentation LiveNX 21.x releases: LiveNX 21.5.2 LiveNX 21.5.1	Recommended Release by Support Team / TAC.
Additional Documentation LiveNX 21.x releases: LiveNX 21.5.2 LiveNX 21.5.1 LiveNX 21.5.0	Recommended Release by Support Team / TAC. Recommended Release by Support Team / TAC.
Additional Documentation LiveNX 21.x releases: LiveNX 21.5.2 LiveNX 21.5.1 LiveNX 21.5.0 LiveNX 21.4.1	Recommended Release by Support Team / TAC. Recommended Release by Support Team / TAC.

To copy the URL of an upgrade package:

- 1. Scroll down to the LiveNX release you are updating.
- 2. Click the expand arrow to the right to display the available downloads.

LiveNX 21.2.4 * MD		>
LiveNX 21.2.3 MD		>
LiveNX 21.2.2 MD		>
LiveNX 21.2.1 MD		>
LiveNX 21.2.0 ED		>
LiveNX 21.1.1 MD		>
LiveNX 21.1.0 ED		~
File Type	File Name	Actions
LiveNX Client Installers		
LiveNX Client for Mac OS	LiveNXClient-21.1.0-UBUNTU-macos.dmg	۹. ا
LiveNX Client for Windows 32-Bit OS	LiveNXClient-21.1.0-UBUNTU-windows-x32.exe	۹. ا
LiveNX Client for Windows 64-Bit OS	LiveNXClient-21.1.0-UBUNTU-windows-x64.exe	۹. ا
LiveNX Server OVA/OVF		
LiveNX Server OVF for Microsoft Hyper-V - Custom	livenx-server-21.1.0-UBUNTU-custom.7z	۹. ۲
LiveNX Server OVA for VMWare ESXi – Custom	livenx-server-21.1.0-UBUNTU-custom.ova	۹. ۲
LiveNX Server OVA for VMWare ESXi – Large	livenx-server-21.1.0-UBUNTU-large.ova	۹. ا
LiveNX Server OVA for VMWare ESXi – Medium	livenx-server-21.1.0-UBUNTU-medium.ova	الله الله

3. Scroll down further to display the *LiveNX Upgrade Packages*.

for VMWare ESXi – Medium	livenx-server-21.1.0-UBUNTU-medium.ova	۹. ا
for VMWare ESXi – Small	livenx-server-21.1.0-UBUNTU-small.ova	و ال
DVF		
or Microsoft Hyper-V – Custom	livenx-node-21.1.0-UBUNTU-custom.7z	و ال
or VMWare ESXi – Custom	livenx-node-21.1.0-UBUNTU-custom.ova	۹. ۲
or VMWare ESXi – Large	livenx-node-21.1.0-UBUNTU-large.ova	۹. ا
or VMWare ESXi – Medium	livenx-node-21.1.0-UBUNTU-medium.ova	٩.
or VMWare ESXi – Small	livenx-node-21.1.0-UBUNTU-small.ova	€ پ
ckages		
de Package	software_package-livenx-node-21.1.0-UBUNTU.enc	۹. ۲
de Package	software_package-livenx-node-21.1.0.zip	۹. ۲
ade Package	software_package-livenx-server-21.1.0-UBUNTU.enc	۹. ۲
ade Package	software_package-livenx-server-21.1.0.zip	۹. ا
	for VMWare ESXI - Medium for VMWare ESXI - Small DVF or Microsoft Hyper-V - Custom or VMWare ESXI - Custom or VMWare ESXI - Large or VMWare ESXI - Medium or VMWare ESXI - Small or VMWare ESXI - Small de Package ade Package ade Package	for VMWare ESXI - Medium livenx-server-21.1.0-UBUNTU-medium.ova for VMWare ESXI - Small livenx-server-21.1.0-UBUNTU-small.ova bvF livenx-node-21.1.0-UBUNTU-custom.7z or Microsoft Hyper-V - Custom livenx-node-21.1.0-UBUNTU-custom.0va for VMWare ESXi - Custom livenx-node-21.1.0-UBUNTU-custom.ova for VMWare ESXi - Custom livenx-node-21.1.0-UBUNTU-restom.ova for VMWare ESXi - Arage livenx-node-21.1.0-UBUNTU-medium.ova for VMWare ESXi - Small livenx-node-21.1.0-UBUNTU-medium.ova for VMWare ESXi - Small livenx-node-21.1.0-UBUNTU-small.ova for VMWare ESXi - Small livenx-node-21.1.0-UBUNTU-small.ova for Package software_package-livenx-node-21.1.0-UBUNTU.enc ade Package software_package-livenx-server-21.1.0-UBUNTU.enc ade Package software_package-livenx-server-21.1.0-UBUNTU.enc ade Package software_package-livenx-server-21.1.0-UBUNTU.enc

4. Click the Copy URL icon of the desired upgrade package.

LiveNX Upgrade Packages		\sim
LiveNX Node Upgrade Package	software_package-livenx-node-21.1.0-UBUNTU.enc	•
LiveNX Node Upgrade Package	software_package-livenx-node-21.1.0.zip	کې 🕄
LiveNX Server Upgrade Package	software_package-livenx-server-21.1.0-UBUNTU.enc	٤. ا
LiveNX Server Upgrade Package	software_package-livenx-server-21.1.0.zip	•

5. In various dialogs throughout the remainder of this guide, you can now paste the URL of the desired upgrade package directly into the dialogs when prompted.

Export Devices

1. From the web client, choose Menu > Configure > Device Management.



CSV Impo	ort/Export ^	
	Export CSV	COV
	Import CSV	

Backup Server Configurations

1. In the web client, click Settings:



Click the Configuration tab, then Export. If required, click Encrypt to password-protect the file.
 Browse to and specify the export location, then click Export.

≡	LiveAction	NX UX	New Features! 🔺 11 💻 0 🔹
Setting	js		
Licensi	ng		
Proxy			
Update	5		Export Import
Reports	1		
Email C	onfiguration		EXPORT CONFIGURATION
Mounte	d Data		Z Encrypt
Propert	ies	\sim	PASSWORD
SNMP	Ггар		Add password
Syslog			REPEAT PASSWORD
Nodes			Confirm password
Configu	iration		Export
Trouble	shooting	\sim	
API Tok	en		

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

CONTINUE EXP	ORTING			×
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 OK				
	Cancel	ОК		

Create a VM Snapshot (ESXi)

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



🕜 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

Upgrading the All-In-One OVA (Online)

1. In the web client, click Settings.



- 2. Select Updates and then click the Online Update tab.
- Place the upgrade image's URL into the empty field under Updates > "UPGRADE PACKAGE URL" then click Start Update. See LiveAction Downloads Page on page 2 for instructions on how to copy the URL from the Downloads page.

	LiveAction ⁻								🌲 9100		۰.	👗 admin 🕶
Settir	ngs											
٩	Search		UPDATES									
Config	uration											
Data S	iource Management		Information									
Data S	tore Management	~	Latest Version: 22.1.0 😋 Current Vers	on: 23	2.1.0						View All Ve	rsions
Device	Entity Page Reports		Online Update				Off	ine Update				
Email	Configuration		,									
Integr	ations	~	Note: Enter server upgrade package URL from: https://cloudkeys.liveaction.com/downloads							_		
Licens	ing	~	Upgrade Package URL *									
Lice	nse Configuration		https://software_package-livenx-server-22.1.0.enc			St	art Updati	8				
Lice	nse Expiration Notification											

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.

4. Log into the LiveNX Web Client and verify that the Server and Web version has been updated to 21.1.0.

APPLICATION VERSION	
Server Version :	21.1.0-20210204-3253651
Web Version :	21.1.0-20210204-4674323d44+b135

Upgrading the All-In-One OVA (Offline)

1. Log into the LiveNX Web Client. In the top right corner of the LiveNX page, click on Settings.



- 2. Select Updates and then click the Offline Update tab.
- Place the upgrade image's URL into your browser to download the upgrade package. See LiveAction Downloads Page on page 2 for instructions on how to copy the URL from the Downloads page. Once the download has completed, browse to the package location under Updates > Offline Update then click Start Update.

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Settings														
Q Search		UPDATES												
Configuration		0.01120												
Data Source Management		Information												
Data Store Management	~	Latest Version: 22.1.0 C		Current Version:	22.1.0								View All Ve	sions
Device Entity Page Reports		Online Update						Offline	e Update					
Email Configuration														
Integrations	~	Note: Download update file from: https://cloudkeys.liveaction.com/download	ds											
Licensing	~	Select update file *												
LiveNA Configuration		software_package-livenx-server-22.1.0.enc	🗙 🗁 Choose File	Start Update										
Manual ad Data					1									

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.

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

APPLICATION VERSION	
Server Version :	21.1.0-20210204-3253651
Web Version :	21.1.0-20210204-4674323d44+b135

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.

1. Log into the LiveNX Web Client. In the top right corner of the LiveNX page, Click on Settings.



2. Select the Nodes tab, then click the IP Address of the LiveNX Node under the "LOCATION" column to launch the Node Web UI.

≡ LiveAction [™]	NX UX			Ne	v Features!	▲ 89	295	• 0	🌲 157	{} -	0 -	\$ -	÷
Settings													
O Search													
-		NODES											
License Configuration		Add	Remove						Edit No	ode Configur	ation	Node Conf	ig Expor
Ргоху			NODE NAME	\$ STATUS		\$ NO	DE ID			C LOCATI	N		
Jpdates	- 11												
teports	~		Local/Server	Connected		631	138bb7-3475-	1785-bb75-	1d4eded52	Local			
Email Configuration	- 11		node127	Connected		83	a4c09-03ed-	43cb-ade2-a	ab90d1852.	. 10.4.24	6.127		
ingle Sign On	- 11	All rows	(2										
founted Data		Janono											
roperties	~												
ata Store Management													
NMP Trap													
Syslog													
lodes													
Configuration													

3. Log into the Node WebUI with the username "admin" and password "admin".

LiveNX	
Username	
Password	
Login	
By clicking "Login", I agree to the terms of LiveAction's EULA First time user information	
	<u></u>

4. Click the "Updates" tab then select the Online Update option. Place the node's upgrade image's URL into the empty field then click Start Update. See LiveAction Downloads Page on page 2 for instructions on how to copy the URL from the Downloads page.

LiveActi	on.				
About	Properties	Configuration	Troubleshooting	Update	
_					
Oheels	Offline				
ENTER NOD	E UPGRADE PACKAG	E URL FROM HTTP://WWW	LIVEACTION.COM/GO/SOFTW/	VARE-DOWNLOAD	
https://so	ftware_package-live	enx-node-22.1.0.enc			
Start L	pdate				
© 2008-	2022 LiveAction	n, Inc.			

Note 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	

5. Verify that the LiveNX Node Status is "Running".

Live∧ct	ion™				
About	Prop	perties	Configuration	Troubleshooting	Update
NODE					
Node V	ersion :	21.1.	.0-20210204-32536	51	
Node N	lame :	node	127		
Node II	D :	831 <i>a</i>	4c09-03ed-43cb-ad	le2-ab90d1852c04	
Node S	status :	Runr	ning		
Server	Address	s: 10.4.	.246.123		

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

≡ LiveAction [®]	NX UX			۵	89 <mark>-</mark> 295 • 0	🜲 157 🛛 {	} - 0 -	\$ -	💄 admin 👻
Settings									
Q Search		NODES							
Licensing	~								
Proxy		Add Remove				Edit Node	Configuration	Node Config	Export
Updates		NODE NAME	🗘 STATUS	0	NODE ID	\$	LOCATION		\$
Reports	~								
Email Configuration		Node Name	Status		Node ID		Location		
Single Sign On		Local/Server	Connected		c3338bb7-3475-4785-bb75-4	1d4eded52	Local		
Mounted Data		node127	Connected		831a4c09-03ed-43cb-ade2-a	b90d1852	10.4.246.127		
Properties	~	All rows / 2							
Data Store									
Web UI Data Store									
SNMP Trap									
Syslog									
Nodes									
Configuration									

Upgrading the Node OVA (Offline)

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

- 1. Copy the upgrade image's URL from the LiveActions *Downloads* page. See *LiveAction Downloads* Page on page 2 for instructions on how to copy the URL from the *Downloads* page.
- 2. Log into the LiveNX Web Client. In the top right corner of the LiveNX page, click on Settings.



3. Select the Nodes tab, then click the IP Address of the LiveNX Node under the "LOCATION" column to launch the Node Web UI.

≡ LiveAction [™] ■	x		Ne	w Features!	▲ 89	295	• 0	🌲 157	{} -	0 -	¢ -	-
Settings												
Q Search	NODE	s										
License Configuration License Expiration Notification	Add	Remove						Edit N	ode Configi	ration	Node Confi	ig Expo
Proxy		NODE NAME	\$ STATUS		С NO	DE ID			C LOCAT	TION		
Updates		Node Name			16							
Reports ~		Local/Server	Connected		63	338bb7-3475	-4785-bb75	-4d4eded52	Loca			
Email Configuration		node127	Connected		83	1a4c09+03ec	I-43cb-ade2	ab90d1852	10.4.	246.127		
Single Sign On	All rows	. /2										
Mounted Data	74110110	,										
Properties ~												
Data Store Management												
SNMP Trap												
Syslog												
Nodes												
Configuration												

4. Log into the Node WebUI with the username "admin" and password "admin".

LiveNX
Username
Password
Login
By clicking "Login", I agree to the terms of LiveAction's <u>EULA</u> First time user information

 Under "SELECT UPDATE FILE", browse to the location of the software package. Click Open, then "Start Update". See LiveAction Downloads Page on page 2 for instructions on how to copy the URL from the Downloads page.

iveActi	on					
About	Properties	Configuration	Troubleshooting	Update		
		_				
Online	e Offline					
		-				
1. DOWN	LOAD UPDATE F	ILE FROM HTTP://WW	W.LIVEACTION.COM/G)/SOFTWARE-I	DOWNLOAD	
1. DOWN	LOAD UPDATE F	ILE FROM HTTP://WW	W.LIVEACTION.COM/G)/SOFTWARE-I	DOWNLOAD	
1. DOWN 2. SELEC	LOAD UPDATE F T UPDATE FILE ose File softwa	ILE FROM HTTP://WW re_package-livenx-node-	-22.1.0.enc)/SOFTWARE-I	DOWNLOAD	
1. DOWN 2. SELEC 2. Choi Start U	LOAD UPDATE F T UPDATE FILE ose File softwa	ILE FROM HTTP://WW	W.LIVEACTION.COM/G)/SOFTWARE-I	DOWNLOAD	
1. DOWN 2. SELEC 2. Chor Start U	LOAD UPDATE F T UPDATE FILE ose File softwa	ILE FROM HTTP://WV	-22.1.0.enc	D/SOFTWARE-I	DOWNLOAD	
1. DOWNI 2. SELEC	LOAD UPDATE F T UPDATE FILE ose File softwa Jpdate 2022 LiveActic	ILE FROM HTTP://WW re_package-livenx-node-	W.LIVEACTION.COM/G)/SOFTWARE-I	DOWNLOAD	

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	

6. Verify that the LiveNX Node Status is "Running".

LiveActi	OU.				
About	Prop	erties	Configuration	Troubleshooting	Update
NODE					
Node V	ersion :	21.1.	0-20210204-3253651		
Node N	ame :	node	127		
Node ID):	831a	4c09-03ed-43cb-ade2	-ab90d1852c04	
Node S	tatus :	Runr	ning		
Server	Address	: 10.4.	246.123		

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

≡ LiveAction	NX UX			▲ 89	2 95 • 0	🌲 157 🚽	-}- 0-	\$ -	💄 admin 🗸
Settings									
Q Search		NODES							
Licensing	~								
Proxy		Add Remove				Edit Node	Configuration	Node Config	g Export
Updates		NODE NAME	🗘 STATUS		EID	0	LOCATION		0
Reports	~								
Email Configuration		Node Name	Status	No	ode ID		Location		
Single Sign On		Local/Server	Connected	c333	38bb7-3475-4785-bb75	-4d4eded52	Local		
Mounted Data		node127	Connected	831a	a4c09-03ed-43cb-ade2-	ab90d1852	10.4.246.127		
Properties	~	All rows / 2							
Data Store									
Web UI Data Store									
SNMP Trap									
Syslog									
Nodes									
Configuration									

Upgrading the LiveNX Client for Windows

- 1. Download the LiveNX Client that matches the LiveNX Server's version. See *LiveAction Downloads Page* on page 2 for instructions on how to display the *LiveNX Client Installers*.
- 2. Uninstall the former LiveNX client. Click on **Next** to confirm the uninstallation procedure.

🔒 « Local Disk (C:) > Program Files > LiveAc	tion Client 8.4.0 >	~ Ū
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
LiveAction Evaluation License Agreemen	9/12/2019 10:43 PM	PDF File
E LiveAction 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

3. Run the executable file of the client you downloaded in Step 1. The first page of the Wizard is shown below. Select the **Next** button.



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



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 a shortcuts, then click Next.	reate the prog	ram's
☑ Create a Start Menu folder		
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		×
Create shortcuts for all users		
< Back	Next >	Cancel

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



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



8. 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

Upgrading the LiveNX Client for Mac

- 1. Download the LiveNX Client Installers that matches the LiveNX Server's version. See *LiveAction Downloads Page* on page 2 for instructions on how to display the *LiveNX Client Installers*.
- 2. Uninstall the former Client by right-clicking on the LiveNX Client and selecting Move to Trash.



3. Run the executable file of the client you downloaded in Step 1 and follow the installation wizard:



4. Proceed to the *Select Destination Directory* page with the recommended default file location. Then click **Next**.

	Setup - L	iveAction Client	9.0.0	
Select Destination Where should Liv	n Directory eAction Clie	ent be installed?		
Select the folder w then click Next.	/here you wc	ould like LiveAct	tion Client	to be installed,
/Applications				Browse
Required disk spa	ce: 930 MB			
Free disk space:	345 GB			
install4j		< Back	Next >	Cancel

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

	Setup - Liv	eAction Client	9.0.0	
Select Additiona Which additiona	l Tasks I tasks should	be performed	?	
Select the additio installing LiveAct	nal tasks you v ion Client, the	would like Setu n click Next.	up to perform v	vhile
🗹 Create a desk	top icon			
install4j				
		< Back	Next >	Cancel

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

•••	Setup - LiveAction Client 9.0.0
	Completing the LiveAction Client Setup Wizard
	Setup has finished installing LiveAction Client on your computer. The application may be launched by selecting the installed icons.
	Click Finish to exit Setup.
	Finish

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

Client Login		×
Live	X	
Username:		
Password:		
For first time use:		
Username and	password are "adr	nin"
Click "Configure	e" to setup server a	address
Configure	ОК	Cancel

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.