



RELEASE LiveNX 7.4.0
6 SEPT. 2018

Checksum (MD5)	Download Link	File Type
LiveNX Client Installers		
2a370b197d2f58c991e7a4ce981d72a8	https://download.liveaction.com/LiveNX/7_4_0/LiveNXClient-7.4.0-macos.dmg	LiveNX Client for Mac OS
624ba87badb5b04d5192c30461e60c91	https://download.liveaction.com/LiveNX/7_4_0/LiveNXClient-7.4.0-windows.exe	LiveNX Client for Windows 32-Bit OS
8cd4aa751fe31883b997097eb516f39b	https://download.liveaction.com/LiveNX/7_4_0/LiveNXClient-7.4.0-windows-x64.exe	LiveNX Client for Windows 64-bit OS
LiveNX Node OVA/OVF		
489b97cdb9ba217d15e156bb763b3c41	https://download.liveaction.com/LiveNX/7_4_0/live-nx-node-7.4.0-custom.7z	LiveNX Node OVF for Microsoft Hyper-V - Custom
c098406125b9ac6c19c775d00415718e	https://download.liveaction.com/LiveNX/7_4_0/live-nx-node-7.4.0-custom.ova	LiveNX Node OVA for VMWare ESXi - Custom
f68a09f193903bb4341f2bcb926bcc5c	https://download.liveaction.com/LiveNX/7_4_0/live-nx-node-7.4.0-small.ova	LiveNX Node OVA for VMWare ESXi - Small
24912e232062d9e8371b4e6550b3e2f9	https://download.liveaction.com/LiveNX/7_4_0/live-nx-node-7.4.0-medium.ova	LiveNX Node OVA for VMWare ESXi - Medium

f4b43c46dca35a07778e6cb30a1de7cf	https://download.liveaction.com/LiveNX/7_4_0/venx-node-7.4.0-large.ova	LiveNX Node OVA for VMWare ESXi - Large
LiveNX Server OVA/OVF		
aee5f67238479bcb6219e2caf73c98be	https://download.liveaction.com/LiveNX/7_4_0/venx-node-7.4.0-custom.7z	LiveNX Server OVA for VMWare ESXi - Custom
8c97470667cbdfb5d49ff41243f9c6c0	https://download.liveaction.com/LiveNX/7_4_0/venx-node-7.4.0-custom.ova	LiveNX Server OVF for Microsoft Hyper-V - Custom
da9c3f1a73543a59a07644586181c6f5	https://download.liveaction.com/LiveNX/7_4_0/venx-node-7.4.0-small.ova	LiveNX Server OVA for VMWare ESXi - Small
03925483b7ec33d0a6624223bd74d40a	https://download.liveaction.com/LiveNX/7_4_0/venx-node-7.4.0-medium.ova	LiveNX Server OVA for VMWare ESXi - Medium
25d2685288f8177a14d5de0e4f1bcd52	https://download.liveaction.com/LiveNX/7_4_0/venx-node-7.4.0-large.ova	LiveNX Server OVA for VMWare ESXi - Large
LiveNX Server OVA/OVF		
aee5f67238479bcb6219e2caf73c98be	https://download.liveaction.com/LiveNX/7_4_0/venx-server-7.4.0-custom.7z	LiveNX Server OVF for Microsoft Hyper-V - Custom
8c97470667cbdfb5d49ff41243f9c6c0	https://download.liveaction.com/LiveNX/7_4_0/venx-server-7.4.0-custom.ova	LiveNX Server OVA for VMWare ESXi - Custom

da9c3f1a73543a59a07644586181c6f5	https://download.liveaction.com/LiveNX/7_4_0/livevx-server-7.4.0-small.ova	LiveNX Server OVA for VMWare ESXi - Small
03925483b7ec33d0a6624223bd74d40a	https://download.liveaction.com/LiveNX/7_4_0/livevx-server-7.4.0-medium.ova	LiveNX Analytics Node OVA for VMWare ESXi - Medium
25d2685288f8177a14d5de0e4f1bcd52	https://download.liveaction.com/LiveNX/7_4_0/livevx-server-7.4.0-large.ova	LiveNX Analytics Node OVA for VMWare ESXi - Large
LiveNX Upgrade Packages		
561ebca7f3952cf7b646b5175ada6ce6	https://download.liveaction.com/LiveNX/7_4_0/software_package-livenx-server-7.4.0-full.enc	LiveNX Server Upgrade Package
94a1823b7973e28845de3117b5e71fa7	https://download.liveaction.com/LiveNX/7_4_0/software_package-livenx-node-7.4.0-full.enc	LiveNX Node Upgrade Package
273fd0e01ef4ba27d827ca37f0f62310	https://download.liveaction.com/LiveNX/7_4_0/software_package-livenx-analytics-node-7.4.0-full.enc	LiveNX Analytics Node Upgrade Package

LiveNX rpm packages for Cloud	LiveNX Server package for Cloud deployment email: support@liveaction.com	LiveNX Node package for Cloud deployment email: support@liveaction.com
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Release Information

- Release Version: LiveNX v7.4.0
- Release Date: 06 Sep 2018

- Release Designation: ED (Early Deployment)
- Release Name: Unicorn

Build Information

APPLICATION VERSION	
Server Version :	7.4.0-20180905-6b5c827
Web Version :	7.4.0-20180905-c579c80+b414
OVA Version :	1.22.0

New Features and Enhancements

Alerting

- Additional indications added on the Alerts Management page for Alerts which may contribute to Status
- Alerts now have the ability to watch for the threshold to be exceeded for a user configurable amount of time
- The following alerts are now enabled by default: Device Down, Device CPU, Device Memory, QoS Interface Drop, QoS Class Drop, QoS Class Default Drop
- Filtering by different entities such as Site, Device, Interface can be applied within the view of Alerts on the Active or Historical page

Status Improvements

- Operations Dashboard now is driven based upon Severity and Alerts configured in the Operations Dashboard (as opposed to Engineering Console)
- All views pertaining to Status provide the insight/capability to determine what Alerts are causing problems for the Site, Device, or Interface
- Drill downs to the Alerts per Site, Device, or Interface are provided
- Drill down specifically to an Alert is provided

SD-WAN

- Support CPU and memory for vEdge devices
- Support new flow template exported by cEdge devices (Cisco ISR4k and ASR1k running SD-WAN XE)

Topology

- WebUI: Status popups for Sites
- WebUI: New Logical Topology (Preview)

Reporting Enhancements

- Support flow sampling for Juniper devices on Flow Reports
- New WebUI Reports page experience.
- Custom report names and descriptions.
- List of Favorites Reports
- Support Inbound and Outbound Separated direction in Top SNMP Reports
- Permanently Enable Long Term Processing for Top Conversations Report
- Improved performance of aggregation processing for non-time-series reports
- Top Analysis on the Operations Dashboard now supports IPv6 addresses
- Support higher roll-ups for the following 4 reports:
 - Interface Bandwidth
 - Interface Bandwidth Summary
 - Bandwidth Summary
 - Outbound Bandwidth Utilization

Device Management

- WebUI: Support for Device Tags
- WebUI: Ability to Edit Device and Interface details in bulk
- WebUI: Device Discovery - support for multiple range input including CIDR notation
- WebUI: Ability to set Device Identifier - Device Name or Host Name

SNMPv3 Polling

- Added support for 3DES, AES 192-bit, and AES 256-bit privacy options (Cisco compatible)

General Operations Dashboard Improvements

- Performance for large scale systems improved on Operations Dashboard all Device related pages

OmniPeek Cross Launch

- Launch OmniPeek from the Operations Dashboard to view packet level information about a particular conversation

System Diagnostics

- **Report Queue**
- Added more details about the individual entries in the report queue

Debugging

- New CPU profiling utility to gather CPU performance information from server and nodes

LiveNX Server Physical Appliance

- LiveNX Server is available as physical appliance now
- Specifications:
 - Base Hardware Model - Dell R440 1U Chassis
 - Processors - 2 x Intel Xeon Gold 5118 (24 CPU Total)
 - RAM - 96 GB DDR3

- Storage - 4 x 8 TB 7200-RPM disks in RAID 10

LiveNX Logs Upload

- Ability to upload LiveNX logs to cloud.
- This will include system-logs, mongodb logs, jidoteki logs, influxdb logs, gclogs and webUI logs.

Resolved Customer Issues

- LD-19624: Device added in LiveNX goes gray
- LD-19713: Handle SNMP v3 Time Sync Error in LiveNX
- LD-17763: Fixed NBAR Application 13:1 not recognized
- LD-17750: Fixed Visio diagram comparability for version 2010
- LD-17456: Support for Mounting Long Term Store
- LD-16840: Option to add Multiple LiveNX Servers on EnggConsole
- LD-16765: Fixed Interface BW stats shows last known value instead of zero
- LD-20153: Fixed 14 day trial license error
- LD-19150: Hardened REST API to avoid Echo'ing request information when un-authenticated

Known Issues

- Flow sampling rate used in Flow Report might not be accurate if the Juniper device has run-length configured to be non-zero
- cEdge devices cannot be imported from vManage via SD-WAN integration due to a bug in vManage 18.3 API