

## 8.0.0 Release

### Release Information

- Release Version: LiveNX v8.0.0
- Release Date: 09 Nov 2018
- Release Designation: ED (Early Deployment)
- Release Name: Valkyrie

### Build Information

APPLICATION VERSION	
Server Version :	8.0.0-20181108-bdab739
Web Version :	8.0.0-20181108-04138e5+b425
OVA Version :	1.24.0

## New Features and Enhancements

### Logical Topology Enhancements

- Added Tab Support
- Each user can have multiple topologies; One topology per tab.
- Tabs can be created, destroyed, renamed, and have their order changed
- Tabs can be shared with other users
- "Other Sites" can now be added to topology
- Clicking on "Other Sites" will give a list of sites which can be added to the topology based on the current flow data being visualized
- Improved Rendering when updating data (less "flashes" when data is reloaded)
- Topology icon sizes have been changed
- Added support to visualize "Omnipliance"

### AVC Enhancements

- Updated "Top Applications Performance" & "AVC Application" reports to track only AD, CND, SND, ND and Retransmissions fields.
- Ported "Application Performance" to WebUI.
- Removed unneeded reports a) Policy Classification b) Top Policy Application Performance & c) Top Policy Performance.
- New AVC Reports.

- Application Performance By Site
- Application Performance By Device
- Application Performance By Service Provider
- Application Performance By Interface
- Application Performance By User

### **LiveAgent Integration**

- New LiveAgent Reports
- Top Conversations by LiveAgent User
- Top Application by LiveAgent User
- Top DSCP by LiveAgent User

### **Device Management**

- SNMP Credential Store
- Add, Delete, Edit SNMP credentials (a maximum of 50)
- Discover devices using multiple credentials stored in the SNMP credential store
- Web UI can now add and edit non-SNMP devices
- Previously, this was only possible via the engineering console

### **Site Management**

- Add, Remove, List device membership under Site Management page
- Added Site Description column to the example Sites CSV file

### **Cisco ISE Enhancement**

- PxGrid user creation

### **Reporting Enhancements**

- Improved report editing workflow
- LAN reports ported over to Operations Dashboard from Java client
- Port Access Bandwidth
- Port Drops
- Spanning Tree State
- More reporting time options
- Yesterday
- Today
- Past Week
- Several individual report enhancements
- Added site column
- Added service provider column
- Added flex search capability

### **Alerting Enhancements**

- New Alert/Report: Site Availability
- Alerts Management page now shows all alerts in a single page, making it easier to search for alerts.
- QoS Class Drop alert now can have separate thresholds for each QoS class name.
- Flow Application alerts will now show the application name that originally opened the alert.

- New operations dashboard alert notification option: Syslog
- Syslog messages can be sent when an alert is opened or closed
- Can be configured in the system management tab on the operations dashboard.

### **Filter Enhancements**

- Introduce custom filter support on Logical Topology for preview
- Filter management to manage custom filters
- create/edit/delete custom filter
- share custom filter with other users
- Support site != ? in the flex search string

### **Dashboard Enhancements**

- Additional default widgets created
- Top CPU/Memory widgets changed to be based on current value rather than percent changed
- Site added to the axis for widgets that have device as a key (report must have site data)
- Service Provider added to the axis for widgets that have interface as a key (report must have service provider data)

### **Collector Mode**

- Collector Mode disables long-term flow store and influxDB. All the data is stored only on Raw flow store.

### **Performance**

- Improved caching for dashboard requests on the Operations Dashboard to allow for better improvements for default and shared dashboards

### **DNA-C Integration**

- Show DNA-C site and device health score and issue count for matching site and device
- Cross launch into DNA-C web site for devices

### **SD Access Enhancements (performance)**

- Only querying tagged devices
- Allow filtering on SD-Access page

### **LiveNX Admin Application**

#### [8.0.0 LiveNX Admin TOI](#)

- Admin application for non-OVA deployments

### **Customer portal Enhancements**

- Ability to upload logs or packet capture file via Customer Portal
- Display number of devices currently used in LiveNX

### **Omnpliance Integration**

- Cross Launch to Omnippeek Application
- Functions similarly to 7.4.0
- Cross launch link in Web UI alerts
- Cross launch link in Web UI path analysis
- Feature now enabled by default
- Feature can now be enabled or disabled via the Web UI
- Feature now usable by non-admin users
- LiveWire Use Case
- Export flows for WAN edge devices monitored on the LAN interfaces
- Using bridge ports with WAN device connected to port 4 and LAN device to port 5
- Omnipliance SNMP support
- The Omnipliance can now be added as a device using SNMP
- Omnipliance interfaces discovered except for high speed capture adapters
- Provides basic interface bandwidth statistics
- Omnipliance flow exports
- Basic flow
- Medianet flow
- AVC flow

## Resolved Customer Issues

- LD-21078: Improve performance of ip address to site lookup for certain reports where this was slow
- LD-21143: SD-WAN device discovery process didn't handled paged responses for interfaces which could result in devices not been discovered
- LD-21245: Data on Wan Interface Burstable Rate report was showing '-' (dash) in table, while graph was showing data
- LD-20835: IPSLA pdf report contains device serial number instead of device name
- LD-20591: LiveNX Cloud deployment was causing 100% disk usage(logs were not being rotated correctly)
- LD-17945: Shared Dashboard was requesting report per user, that caused high CPU Utilization

## Known Issues

- LD-21478: Omnipliance icon shown on Topology but not on the side bar where all devices are listed
- LD-21481: Custom Filter doesn't highlight site on Logical Topology page
- Ld-21467: Logical Topology- After filtering an item from legend if user drags to adjust view, Tool Tip box disappears