

8.1.0 Release

Release Information

- Release Version: LiveNX v8.1.0
- Release Date: 7 Feb 2019
- Release Designation: ED (Early Deployment)

Build Information

Server Version :	8.1.0-20190206-8962136
Web Version :	8.1.0-20190206-2566ce9+b409
OVA Version :	1.30.0

New Features and Enhancements

Dashboard

- Added new widgets to show application performance
 - Top Voice/Video Performance Summary (Medianet)
 - Top Application Performance Summary (AVC)
- Site Status Map widget will group sites in close proximity
- Updated SD-WAN dashboard widget to include averages for BFD performance metrics
- Added support for filtering SD-WAN dashboard by site and service provider

Entity Page

- Application Entity Page
 - Application Performance widget styling has been improved
 - Reports on page have been updated
- Device Entity Page
 - Device Details widget styling has been improved
 - Reports on page have been updated

- Interface Entity Page
 - Reports on page have been updated

SD-WAN

- vManage alarms can be managed per alarm type
- Added event details related to vManage alarms
- Improve BFD data site resolution
- vEdge flow applications are now resolved based on DPI applications information from SNMP

Logical Topology

- Device and subnet node positions are now persistent

AVC Flow

- Added support for custom AVC flow records
- Added support for Long Lived TCP session
- Added calculated maximum delay values in reports
- Improved accuracy for certain calculated AVC performance metrics

Omni Integration

- Support for LiveNX to OmniPeek Web cross launch

Operations Dashboard General Enhancements

- Table performance has been greatly improved. The ability to select tens of thousands of rows at once is now possible.
- Added automatic cancellation of requests when navigating away from long running pages to improve general system performance
- Improved time to render of sankey chart
- Flex search string generated by filter bar is now visible
- Removed "Back" button from breadcrumbs
- Fonts are now served locally
- Main font is now Roboto instead of OpenSans

Device Management

- Allow user to reselect monitored interfaces in bulk

Diagnostics

- Now monitoring packets dropped by the OS kernel as well as the livenx application

Voice/Video Performance(Medianet)

- **Reports**
 - Voice/Video Performance By Service Provider
 - Voice/Video Performance By Device
 - Voice/Video Performance Audit
 - Voice/Video Performance By Site
 - Voice/Video Performance By Interface

- Voice/Video Performance By User
- **Widgets**
 - Created Custom Voice/Video Performance Widgets

Application Performance(AVC)

- **Reports**
 - Added All Devices & All Wan Devices support for Application Performance Report
- **Widgets**
 - Created Custom AVC Dashboard Widgets

Reporting Enhancements

- Added Multicast Audit Report
- Support "Inbound/Outbound Separated" in Port Drops and Port Bandwidth Report
- IPv6 support added to the following reports
 - Source Address
 - Destination Address
 - Source or Destination Address
 - Top Conversations
 - All Unique Flows
 - IPs and Ports

Resolved Customer Issues

- LD-21911 - Reporting: Inbound and Outbound separated can return incorrect data
- LD-22591 - Inbound/Outbound report result no data for Long Bin Duration
- LD-22399 - Unable to select a device to run reports through the WebUI
- LD-22370 - PfR average performance metric calculation not correct
- LD-22215 - Support Cisco ISE Passive Identity Tracking
- LD-22101 - Server and Node Re IP addressing broke Node Connectivity to Server
- LD-20586 - Buffer Overflow
- LD-22641 - Verify Vulnerability Fix in 8.1.0
- LD-22637 - runaway flowstore issue exacerbated by reduced max segment size in raw flowstore
- LD-22612 - Unhandled error - the specified value is out of bounds for an unsigned 16-bit integer
- LD-22474 - Top Interface widget takes forever to load
- LD-22183 - Geo coordination lookup doesnt pick up the right latitude and longitude
- LD-22100 - SNMP v3 Special Char
- LD-22048 - Cannot discover Nexus 7K VDC's
- LD-21819 - Java Client login stuck at Loaded current user
- LD-21681 - Missing resolve Alert Messages
- LD-21630 - Executing reports on multiple browsers caused an odd behavior on one of the browser to not properly exit the dialog
- LD-21616 - AVC custom flow record support
- LD-17801 - Node polling issue
- LD-22270 - Eclipse Jetty Multiple Vulnerabilities
- LD-21869 - Collect statistics regarding user screen types (especially, screen-sizes and resolutions) through telemetry.
- LD-21780 - Logs containing a lot of assessment of "Can't create record estimate of non flow reports"

