

8.3.0 Release

Release Information

- Release Version: LiveNX v8.3.0
- Release Date: July 2nd, 2019
- Release Designation: ED (Early Deployment)

Build Information

APPLICATION VERSION	
Server Version :	8.3.0-20190701-1f5b328
Web Version :	8.3.0-20190701-0a37f6f+b196
OVA Version :	1.35.0

New Features and Enhancements

GEO Grouping

Alerting Enhancements

- Added maintenance mode
 - Stop processing alerts for certain portions of the network that are known to be down for maintenance.

Reporting Enhancements

- Improved performance for time series reports in multiple node deployments

- Added ability to drill down into specific time of a report in order to increase bin granularity
- Email's for sharing can be copy pasted
- New Reports
 - (SNMP) Interface Bandwidth Summary - A single report with multiple charts showing bandwidth per interface
 - (SNMP) Interface Utilization Summary - A single report with multiple charts showing utilization per interface

Scheduled Report Enhancements

- Scheduled reports now use 1 URL per scheduled group
 - Updated UI
 - Paddles to iterate through results
 - Sidebar to show historical results
 - Day-Month-Year selector to filter sidebar results

Custom Application

- Added addition of NBAR IDs in custom application definition
- Capability ported to Operations Dashboard

Device Management

- **Added CPU and Memory stats polling support for Cisco WLC devices**
- **Added CPU and Memory stats polling support for NetScaler devices**
- **Auto tagged the Omni devices - LiveWire, LiveCapture, LiveCaptureVirtual when added via SNMP discovery**
- **Non-SNMP CSV import/export feature in Java Client**
- **Allow Qos/Snmp data to have 999 days retention in Java Client**

SNMP Polling

- **Added an option to enable auto-adjusting SNMP bulk get requests**

SD-WAN

- **Integration with Cisco Cloud oRamp in GEO topology and reporting**
- **cEdge devices are now discoverable via SD-WAN integration**

Web-UI Cache Management

- **Added the ability to control cache time to live for dashboards and entity pages**

Stories

- **WAN Utilization Story has been augmented with drilldown to top Interface Bandwidths and Interface Utilizations based on SNMP**

Geo Topology

- **Additional filtering capabilities have been added**
 - **Region**
 - **Tag**

Dashboard

- Additional widgets added
 - Voice/Video Audit
- Updated the widget "Top Voice/Video Performance Summary"
- Filters can now be modified on shared dashboards
- Site Status Map widgets will now persist their zoom/pan

Overview Page

- The new overview page will be the default home screen of the Operations Dashboard
- Provides quick visibility to entity status and active alerts

Regions

- Sites can now assigned regions.
 - Regions can be populated based on either address or geo location (lat/long)
- Region filtering is supported on the following pages
 - Overview page (new)
 - Site entities page
 - Device entities page
 - Interface entities page
 - Geo Topology

DNS Look-up

- New option for reports in Operations Dashboard and Java Client. "Should Wait For Dns Resolution"
- Dns resolution no longer has to be enabled in Java Client.
- Reports will wait for dns results to fully complete if requested.
- Can enable dns results in the dashboard and entities pages as well.
- Dns results will persist after restart
- Dns resolver can be finely tuned so as to not overload a network with dns requests.

Troubleshooting

- Improved workflow to generate Heap Dumps on a remote node using the Operations Dashboard

Omni Integration

- Support for LiveNX to OmniPeek Web cross launch in Site & Device Topology & Device Entity Page
- Auto Tagged the Omni devices when added via SNMP discovery.

Licensing

- License Expiration Notification

OVA update

- Support of update module for Ubuntu OVA in LiveNX Node webUI

Resolved Customer Issues

- **LD-24137: No outbound data for interface bandwidth report**
- **LD-24111: Email reports sometimes do not have CSV file attachment when PDF generation fails**
- **LD-22233: Capture Cisco ISE authentication event of user for passive identity**
- **LD-23445: Interface Burstable Rate By Month Report discrepancy**
- **LD-23606: Added Firepower 9300 Device Is Gray**
- **LD-23873: Unhandled error when editing/saving custom report**