LiveNX 23.4.0

RELEASE NOTES

Release Information

- Release Version: LiveNX v23.4.0
- Release Date - Nov 16, 2023
- Release Designation - ED (Early Deployment)

Build Information

Application Version

Server Version:	23.4.0-20231110-673c769
Web Version:	23.4.0-20231109-6476613+b104

New Features and Enhancements

General

- Importing or altering configurations now only restarts the NX server service rather than the entire system
- Message of the day login banner is now available on the Operations Dashboard

Alerting

- Alert notes for individual alerts are now editable

Dashboard

- Site status map widget now includes geographical boundaries
- Site status map grouping radius of sites has been greatly reduced

Entity Pages

- Custom reports which are long-term aggregated can be used on the device entity page

Integration

- Cisco Catalyst SD-WAN discovery can now be sped up by disabling auto-population of site IP mappings

Onboarding

- ADSL interface type is now supported
- The Interface bandwidth cap will be determined based on capacity instead of the polled interface speed

Reporting

- All charts now use zoom on both x and y axis instead of just x-axis
- SilverPeak IPFIX fields are now supported by top analysis report
- Additional Gigamon reports have been added

° DSCP is now an optional field for IP and Ports report

Topology
° The site grouping radius for the geo topology is now configurable

Performance
° Reports no longer include drill down information by default. This improves execution performance and reduces the result size.

Security
° Removed JMX remote connections
° Resolved CVE-2023-46604, a vulnerability in Apache ActiveMQ

Cloud Monitoring
° Re-sending a device to LiveNX will now add missing tags to any cloud monitor device within LiveNX
° Added support for additional regions

Resolved Customer Issues
° LS-3274/LS-3390 - Fixed an issue where certain flex searches that should usage the long-term flow store were using the raw flow store
° LS-3313 - Fixed inconsistencies with behavior related to time selection on entity pages
° LS-3350/LS-3380 - Fixed an issue where site reachability alerts could be generated when a device on the site is still reachable
° LS-3393 - Fixed an issue where the IP and Ports report would not work with AVC flow type
° LS-3444 - Fixed an issue where Cisco SD-WAN SLA class path change alert were not auto-clearing, even after coming back in-policy
° LS-3451 - Improved error messaging to provide more details when LDAP authentication fails
° LS-3470 - Fixed an issue where critical traffic response time alerts were not resolving despite having an "instant" resolution
° LS-3477 - Graphs now allow zooming using both x and y axis to ensure series data is always visible
° LS-3491- Fixed an issue where scheduling a report would remove flex search from the report template
° LS-3492/LS-3496 - Fixed an issue where scheduled report emails did not have a web link to the report result
° LS-3494 - Changed basic flow path analysis on the Operations Dashboard to no longer require a DSCP value in flow records
° LS-3508 - Fixed an issue where site reachability alerts were missing from the alerts page when using entity filters
° LS-3538/LS-3514 - Fixed an issue where the device discovery modal would register inputs as invalid and not allow users to start a discovery
° LS-3541 - Patched ActiveMQ security vulnerability
° LS-3547 - Fixed an issue where trying to add an existing tag to an interface would instead create a new tag

Known Issues
° Existing selected `aa15` type interface may not be loaded after upgrade. Use `Rediscover Interfaces` workflow to re-add it.

API Update

URI	Method	Summary
/deviceDiscovery/start/viptela	POST	Optional boolean property populateSiteIpRanges added into request object to allow user to bypass IP range discovery. Set to false to bypass site IP range discovery. Default is true.
/reports/queue	POST	Optional boolean parameter includeDrillDowns added into request object to allow users to specify whether to include or omit drill down information in report results
/alerting/alerts/{id}/note	PUT	New endpoint to edit note of an existing alert