

LiveNX 23.2.0

RELEASE NOTES

Release Information

- Release Version - LiveNX v23.2.0
- Release Date - May 22, 2023
- Release Designation - ED (Early Deployment)

Build Information

Application Version

Server Version:	23.2.0-20230515-bf1710b
Web Version:	23.2.0-20230515-3281699+b91

New Features and Enhancements

General

- TACACS+/RADIUS authentication is once again supported on the Engineering Console
- Notification time is now based on when the notification is created rather than the creation time of the event that caused the notification

Dashboards

- Cisco SD-WAN dashboard tables are now sorted by severity and then metric, rather than being purely sorted based on metric value. More severe data will be at the top of tables.
- Cisco SD-WAN dashboard widgets now support all entity filters

Onboarding

- Improved ability to parse device information from LANCOM, Arista, Gigamon, Mellanox, and Prisma SD-WAN devices
- Added support for channel (70) and vdsl (97) ifType
- Auto-discovery now attempts to use all credentials in the credential store
- A device refresh can be manually triggered via the Operations Dashboard device management page
- Improved visibility of device state on the device management page

RBAC

- User groups can utilize the tag filter for device access control

Reporting

- Cisco SD-WAN reports now support all entity filters
- Resolution of IP address to site now use longest prefix matching to determine the best site match
- Creating a report group with a Cisco SD-WAN report automatically changes the time range to one hour

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- New Cloud Monitoring based reports have been added

System Diagnostics

Flow count data can now be exported to CSV

Alerting

- Alerts to monitor Fortinet performance SLA metrics have been added
- Cisco SD-WAN alerts can now affect status
- Reachability alerts no longer show irrelevant data

Integrations

- All drill-downs to LiveWire Omnipeek have been renamed from "Peek" to "LiveWire"

LiveAdmin

- The LiveNX node admin password can now be changed via LiveAdmin
- The default SNMP credentials for the appliance can now be set via LiveAdmin

Resolved Customer Issues

- LS-3290 - Fixed an issue where some special characters in entity names were appearing encoded
- LS-3292, LS-3321 - Fixed an issue where interfaces would appear as admin down when they were up
- LS-3310 - Upgraded Shiro to improve security
- LS-3320 - TACACS+ and RADIUS authentication once again works on the Engineering Console
- LS-3322 - Fixed an issue where RADIUS passwords could not be greater than 15 characters in length
- LS-3334, LS-3363 - Fixed an issue where executive report PDFs were showing a loading screen instead of a chart
- LS-3335 - Fixed an issue where large interface speeds could cause bandwidth reports to ignore data
- LS-3340 - Fixed an issue where large deployments with complex site IP mappings would be unable to load the device management page
- LS-3348 - Fixed an issue where Fortinet application names had odd character suffixes
- LS-3349 - Fixed an issue where VMware SD-WAN reports could show negative data
- LS-3365, LS-3372 - Fixed an issue where the configuration would not properly load for systems with a large amount of sites
- LS-3374 - Fixed an issue where the service provider bandwidth report on the site entity page was not including xcon traffic
- LS-3384 - Fixed an issue where dashboards with a chart and table widget using the same report parameters would incorrectly format units
- LS-3386 - Drilling into a time series report from IP SLA test dashboard will now select correct device
- LS-3387 - Juniper devices CPU/memory statistics for EX, QFX, and MX devices are now properly supported
- LS-3400 - WAN capacity page now supports filter values with spaces
- LS-3408 - The logical topology now draws connections between layer 2 interfaces and service providers

Known Issues

- The right-click drill down on application columns does not apply a "flow.app" flex search

Upcoming End-of-Life Notices

- [LiveAction LiveUX](#)

API Update

URI	Method	Summary
/devices	GET	<p>The <code>siteIps</code> have been pulled to the top level to prevent redundancy. Previously every device which belonged to a site would contain the entire parent site's information, including IP mappings.</p> <p>Added <code>deviceLoadedState</code> to give more information about the current state of the device. This field details if the device is currently loading or why it may be unreachable.</p>
/bulkDelete	POST	<p>Only the response has changed. The request is unchanged.</p> <p>The <code>siteIps</code> have been pulled to the top level to prevent redundancy. Previously every device which belonged to a site would contain the entire parent site's information, including IP mappings.</p> <p>Added <code>deviceLoadedState</code> to give more information about the current state of the device. This field details if the device is currently loading or why it may be unreachable.</p>
/devices/refresh /devices/{id}/refresh	POST	<p>Endpoint to manually refresh/reload a device to ensure LiveNX has the most current information. The information gathered here is similar to what is presented during device discovery including interface IPs, <code>ifIndexes</code>, line rates, etc.</p>
/systemMessages	GET	<p>A <code>timestampMillis</code> field has been added to signify the time since epoch that the system message was created</p>