



LiveNX 22.4.0 Release Notes

Release Information

- Release Version: LiveNX v22.4.0
- Release Date - Nov 3, 2022
- Release Designation - ED (Early Deployment)

Build Information

Application Version

Server Version:	22.4.0-20221101-143dd36
Web Version:	22.4.0-20221101-77a9fd5+b131

New Features and Enhancements

General

- EULA is now displayed before logging into LiveNX

Alerting

- All alert auto resolutions will now be Manual, Instant, or After
- Alerting webhooks have been re-enabled
- Alerting page performance improved

Authorization

- First-time users who log in with single sign on will now have a user created for them within LiveNX
- TACACS+ configuration now allows configuration of the “service” where the user group attribute is located
- TACACS+ will no longer auto-retry when auth request fails due to bad credentials

Configuration

- A new Semantic Management page has been added to consolidate Tag and Service Provider management into a single location
- Devices can now be migrated between nodes on the Device Management page
- Data store management now accounts for Layer 2 data
- LiveWire cross launch links can now be configured to use IP, system name, or DNS resolution as the hostname
- Device name resolution has been moved from Device Management to Settings
- Cisco SD-WAN now allows full URI (e.g. “www.vmanage.company.com/newyork”)

Dashboard

- Default dashboards have been created for VMware SD-WAN and Prisma SD-WAN
- Additional default dashboard widgets have been created for VMware SD-WAN and Prisma SD-WAN reports
- Fortinet widgets now drill into time series reports rather than aggregation reports

Device Support

- Juniper CPU and memory metrics are now supported
- ISR 1000 device models is now correctly displayed

Entity Pages

- The WAN Application tab's application count can now be disabled
- VMware SD-WAN, Prisma SD-WAN, and Web application reports can be added to device entity pages

Reports

- Additional Fortinet SD-WAN reports were added
- LiveWire dialNumberTo and callId fields are now supported in the Calls by Number story
- Cisco SD-WAN reports can exceed the 1000 result limit when the "useFlowLimit" parameter is utilized through the API
- DSCP values greater than 63 will be displayed

Cloud Monitoring

- Support for cloud monitoring in GCP (Google Cloud Platform)

Resolved Customer Issues

- LS-3236 - Alert threshold reverts after server restart
- LS-3210, LS-3203, LS-3211 - Improved reporting to better support Fortinet flows
- LS-2874 - Device management page performance issues
- LS-3240 - ISR 1000 device models is now correctly displayed
- LS-3229 - Appending tags to multiple sites no longer overwrites existing tags
- LS-3197 - Fixed infinite spinner which appeared when modifying multiple users at once
- LS-3192 - Resolve unknown Fortinet NBAR application
- LS-3172 - Site topology will now save when moving a subnet or device
- LS-3161 - Fixed a null pointer that occurred within the flow store
- LS-2906 - Fixed an issue with IANA Port Application name matching when multiple applications belong to the same port

API Update

URI	Method	Summary
/devices/interfaces/config	PUT	Added bulk device interface config endpoints to quickly configure multiple interfaces for multiple devices at once.
/devices/virtual/interfaces		
/sso/saml	GET	Added below two attributes in request and response of the API
	POST	<ol style="list-style-type: none"> 1. <code>authorizeUserWithoutGroupAttribute</code> : Indicates whether to authorize user without having group attribute in SAML response. 2. <code>groupKey</code> <ol style="list-style-type: none"> a. The group key is mandatory in API request and response objects. b. The group parameter key is optional in SAML authentication response coming from identity provider to determine user group mapped to RBAC user group to support old SSO workflow.
/livewire/settings	GET	Added endpoints for fetching and setting LiveWire settings for LiveNX. Currently, the only setting is the method of generating LiveWire device Peek links.
	PUT	
/aaa/config	GET	Added <code>tacacsServiceName</code> attribute to be used while authorization of TACACS+ users. At TACACS+ server users belong the group must be having the service name as value of <code>tacacsServiceName</code> and group attribute/value pair.
	PUT	
/aaa/servers/testConnection	POST	
/tags/properties	GET	New REST API endpoints for semantic management.
/serviceProviders/properties	POST	
	DELETE	
/devices/{id}/config	PUT	Added the ability to move to devices to another node by specifying the <code>nodeId</code>
/devices/config		
/alerting/identifiers/definitions	GET	<p><code>hasCoolDowMinutes</code> has been removed and <code>autoResolutionOptions</code> has been added.</p> <p><code>autoResolutionOptions</code> provides the possible auto-resolution options for each alert type.</p>

Known Issues

- CMJ-238, LD-33193: CEC Count is not getting updated on Fresh Deployment just after installing new cloud license