

LiveNX 23.1.0

RELEASE NOTES

Release Information

- Release Version: LiveNX v23.1.0
- Release Date - Mar 20, 2023
- Release Designation - ED (Early Deployment)

Build Information

Application Version

Server Version:	23.1.0-20230306-30857eb
Web Version:	23.1.0-20230306-4a0260f+b115

Warnings

- Upon upgrade, users will need to manually update some of their data via LiveAdmin. There are in-app cues to guide users on how to migrate their data.

New Features and Enhancements

Alerting

- More alerts support all automatic resolution options

Authentication

- Single sign on now supports non-URL identity provider entity id/issuer

Cisco SD-WAN

- Each LiveNX node (including server) can support up to one vManage
- Tunnel status calculation is now customizable to be either "best case" or "worst case"
- Tunnel status calculation is now customizable to evaluate either peak or average metrics

Data Management

- Cisco SD-WAN disk usage is included in the disk overview
- Cisco SD-WAN disk usage is now configurable
 - Users can set the retention period and manually purge data

Operations Dashboard

- The Cisco SD-WAN dashboard now supports filtering by SLA class
- Additional reports can be used as custom widgets
- Flow path analysis now has bidirectional arrows to represent bidirectional flow

Onboarding

- Enhanced LiveWire device integration
 - Model, OS, and serial are now more accurate

Reporting

- The service provider time series report now has a total series
- Additional flex searches are now available
 - Flex search `region` allows filtering by region name
 - Flex search `snmp.fortinet.sla` allows filtering by Fortinet performance SLA
- Additional Fortinet reports have been created
- The report modal has been improved
 - It is easier to understand errors for a report within a report group
 - It is easier to understand when report parameters are being evaluated

API

- The Swagger UI has been updated. Users now only have to authenticate once to use all endpoints

Resolved Customer Issues

- LS-3062 - Improved performance of report modal when many reports are added to a single report group
- LS-3115 - Fixed an issue where SD-WAN alerts were not appearing on site entity pages
- LS-3276 - Fixed an issue where reports on entity pages could not be exported to CSV
- LS-3296 - Fixed an issue where users would not properly be added when there are multiple LDAP servers
- LS-3297 - Fixed an issue where the last login time for sessions was displayed in ISO format instead of client time
- LS-3298 - Fixed an issue where the Config flow dialog would not open on the Engineering console.
- LS-3299 - Fixed an issue where the Cisco SD-WAN dashboard would occasionally use the wrong time range
- LS-3308 - Fixed an issue where the time range was incorrect when drilling into Flow Path Analysis from the Calls by Number story
- LS-3309 - Fixed an issue where the full screen dashboard was not auto refreshing
- LS-3311 - Added additional automatic resolution options to several alerts

Known Issues

- TACACS/RADIUS authentication will not work with Engineering Console

Upcoming End-of-Life Notices

- [LiveAction LiveUX](#)

API Update

URI	Method	Summary
/deviceDiscovery/start/viptela	POST	Added an optional <code>ciscoSdwanConfigId</code> parameter which specifies which vManage to use during device discovery.
/viptela/about	GET	This endpoint now returns an array of <code>configs</code> , one per Cisco SD-WAN instead of a single config.
/viptela/policies	GET	This endpoint now returns an array of <code>infoItems</code> that describe each integrated Cisco SD-WAN vManage.
/viptela/config	GET PUT DELETE POST	This endpoint now returns an array of <code>configuration</code> objects instead of a single configuration.
/viptela/config/validate	POST	This endpoint now takes an array of <code>configuration</code> objects instead of a single configuration. The status of each configuration will be returned.
/viptela/config/{id}	GET PUT DELETE	A new endpoint to retrieve information about a specific Cisco SD-WAN configuration based on its ID.
/viptela/status	GET	A new endpoint that validates saved Cisco SD-WAN configurations and gets their statuses. This endpoint validates the configurations in the query parameters, or all saved configurations if no query parameters are provided, and return a status for each configuration validated.
/viptela/status/{id}	GET	A new endpoint that validates saved Cisco SD-WAN configurations and gets their status. This endpoint validates the configuration with the provided ID and return a status for the configuration validated.
/viptela/reportSettings	GET PUT	A new endpoint to handle the configuration of Cisco SD-WAN status evaluation criteria
/webhooks	GET	A new endpoint to retrieve the list of webhooks currently subscribed to LiveNX
/webhooks/{id}	DELETE	A new endpoint to remove webhooks based on their <code>id</code>
