



LiveNX 21.4.0 Release Notes

Release Information

- Type of Release - Minor
- Contains New features, Enhancements and Bug Fixes
- Release Date - Sep 3, 2021
- Release Designation - ED (Early Deployment)

Build Information

APPLICATION VERSION	
Server Version :	21.4.0-20210901-5cadf97
Web Version :	21.4.0-20210901-2cba98ec02+b76

New Features and Enhancements

LiveNX

Role-Based Access Control

- Improve group management workflow
- Report access now managed through RBAC user groups
- Allow Config user to manage alerts
- Allow Config user to discover SD-WAN devices
- Allow View user to have read access for QoS management and other CLI based operations

Alerting Enhancements

- Improve visual display of multi-instance alerts
- Add API to retrieve individual alert details by alert ID
- Consolidate SD-WAN SLA class path change alerts from each SLA class to each tunnel; removed In-Policy alerts by merging them into Out-of-Policy alerts as resolving events
- Add support for source site and destination site filters for multi-instance flow-based alerts
- Add additional details to alert email notification

Reporting Enhancements

- Improve Top Interface Drops and Top Interface Error reports by adding additional context information
- Able to share all results of completed scheduled report

- Improve performance of report result store; reduce disk usage
- Add support for auto-purging report result store when disk space is low

Custom Application Enhancements

- Add support for matching on HTTP request target exported by flow
- LiveFlow Support Enhancements
- Add support for additional Web Analytics fields exported by LiveFlow
- Support additional Web Analytics fields in custom reports

Device Support Enhancements

- Add support for CPU and memory for Fortinet
- Add ability to change a device monitored IP address
- Integration and Configuration
- Add support for ServiceNow event integration
- Add support for free form text field integration with ServiceNow
- Allow SNMP max repetition settings as configurable LiveNX property option

Operations Dashboard

- Improve workflow for tagging a device in device management
- Provide a single pane of glass view of what disk space LiveNX is using

Engineering Console

- Provider ability to start LiveNX Engineering Console in QoS only mode
- Improve Engineering Console start up performance

LiveNA

- When extracting DSCP values from flow records, consider multiple source fields, for parity with LiveNX.

Cloud Monitoring

- Add support for Azure multi-subscription

API Updates

URI	Summary
/serviceNow/fieldOptions /serviceNow/referenceFields/fieldOptions	Added support for Event integration type
/serviceNow/fields	Added <code>maxLength</code> property for the max character length of the field
/userGroups /userGroups/{id}	<ul style="list-style-type: none"> Added <code>restrictedReports</code> property for list of report ids restricted for specified user group Added <code>deviceAccessType</code> property to show/set the type of device access
/devices/{id}/config	Added <code>ipAddress</code> property in request and response of single device config API
/alerting/alerts/{id}	New API: Get Alert details by Alert ID
/reports/reportsAccessManagement	Removed PUT API
/dataManagement/dataStores	API that returns all data storage used by all data stores
/applications /applications/custom /applications/custom/{id} /application/custom/{id}/rank	Requests/responses which describe custom applications now support an additional field "uris" which describe the URIs by which the custom application should be matched.

Resolved Customer Issues

- LS-2638: Improvement related to Java client start up time related to having a lot of CLI configured devices. Added ability to launch the Java client in QoS-only mode.
- LS-2765: Additional serialization fix related to the "Voice/Video Performance Audit" report
- LS-2880: Certain flow reports (those which depend on other report aggregation data) cannot execute using the long-term FlowStore.