

9.3.0 Release

Release Information

- Release Version: LiveNX v9.3.0
- Release Date - July 2nd 2020
- Release Designation - ED (Early Deployment)

Build Information

APPLICATION VERSION	
Server Version :	9.3.0-20200701-424eca3
Web Version :	9.3.0-20200701-a9a8663574+b167

New Features and Enhancements

- Alerting Enhancements
 - Added Business Hours to alert configuration. The alert generation logic will take business hours into consideration when creating alerts.
 - Convert Application Performance - Network Delay to multi-threshold and multi-instance alert.
 - Create a new alert type Application Performance - App Delay
 - Enable custom sharing configuration per alert instance
- QoS Config Options

- Added support for “priority” and “priority level” QoS commands on all Cisco configured devices.
- Added support for configuring “priority” with no bandwidth command and a policier on all Cisco devices.
- Support for adding “priority” to a policy’s class-default class.
- Added support for dscp and precedence QoS markings with “tunnel” option.
- Added support for the “bandwidth remaining ratio” option for class based queuing.
- Added support for a user-defined non-ATM “overhead accounting” offset setting with class based.queuing and shaping.
- Added support for multi device selection for QoS policy push
- IP SLA Enhancement
 - Added support for monitoring and reporting ICMP Jitter tests.
 - Added support to manage ICMP Jitter tests.
- Dashboards
 - Dynamic reports can now be turned into custom widgets
 - Custom widget data can be visualized as a table
- Reporting
 - Admins can limit the maximum possible time range of flow analysis reports
 - QoS Class reports now have a class parameter which filters data based on partial matches
 - Changed the LiveWire Medianet MOS score aggregation algorithm to report the minimum detected value instead of the average MOS score
 - Dynamic Reports
 - Expansion and adjustments to the supported selectable key and metric fields for the different flow types
 - Fixed some issues with some sorting options not working with Web UI dynamic reports
 - Re-enabled time series charts with dynamic AVC reports
 - Added support for some derived fields like source and destination country, source and destination site, and application name

- Added support for Gigamon IPFIX fields
- Flow Path Analysis Story (Preview)
 - Similar flows are highlighted when clicking on a flow
 - Changed Flow Path Analysis Topology to use Alerting thresholds when evaluating status. The following alert configurations will be used (if enabled): Media Packet Loss, Application Performance - Network Delay, Application Performance - App Delay
 - Added additional SNMP information per hop. The following QoS fields were added: CPU Usage, Memory Usage, DSCP, Application, QoS Policy
- Entity Pages
 - The current flows passing through a device can be viewed on the device entity page
- Logical Topology
 - The maximum number of sites per tab has been increased to 25 from 10
 - The maximum number of devices per site has been increased to 10 from 5
- Application Management
 - Ported application groups management to Operations Dashboard
- Configuration Import/Export
 - Dashboards, custom widgets, and logical topology tabs will be imported/exported via the standard import/export process.
- Data Stores
 - Removed support for reading old 15-minute long-term flowstore data collected in older application versions preceding LiveNX 5.1.0.
 - Removed support for reading old flowstore v2 file format data, collected in older application versions preceding LiveNX 4.2. This applies to all stores based on flowstore (raw flowstore, long-term flowstore, snmpstore, alertstore).
- Flow Technology Types
 - Adjustments were made to allow more flows to be categorized as basic flow
 - More support for Cisco AnyConnect IPFIX
- Authentication
 - Add support for using TACACS+/Radius Authentication for LiveNX WebUI
- Google Cloud

- Added Ubuntu package for Google Cloud Platform
- Cloud Monitoring
 - Added Cloud Monitoring application to deployments
 - Translates (VPC) Flow Logs to IPFIX records that are consumed by LiveNX
- LiveNA Integration
 - Added support to connect to, configure, and gain insights using the new LiveNA platform described in (LiveNA 20.1.0 Release)
- Device Management
 - Added ability to update the interface's IP Address and Subnet Mask on the WebUI.
 - Added device and interface state columns to determine whether the device is up/down.

Resolved Customer Issues

- **LD-27213: ssh folder permission for authorized key**
- **LD-27317: Ignore IPv6Address in Network Users Report**

Known Issues

LD-27321: Web UI: Alert Management- "useDefaultSharingConfig should always be true for the default identifier" message appearing on save **REOPENED**