

LiveNX 22.3.0 Release Notes

Release Information

- Release Version: LiveNX v22.3.0
- Release Date - July 6, 2022
- Release Designation - ED (Early Deployment)

Build Information

Application Version

Server Version:	22.3.0-20220701-cd0669b
Web Version:	22.3.0-20220630-ab89cbd+b100

Warnings

- Existing TACACS+/RADIUS users are now required to provide a LiveNX authorization attribute for authentication.
 - Any existing users of TACACS+/RADIUS should add a "Filter-Id" attribute with a value matching a LiveNX **user group** (e.g., "Admin", "Config", "View") to their systems. The filter attribute can be configured to something other than "Filter-Id" via LiveNX settings.
- Breaking changes have been made to the `/alerting/identifiers/{id}` endpoint.
 - `contributesToStatus` is now `isContributingToStatus`. Additional information can be found in the *API Change* section.

New Features and Enhancements

General

- Port 8092 no longer routes to the Operations Dashboard
- LiveNX ACL management now supports IOS-XE 16.12 and later
- PXGrid has been upgraded to 2.x. PxGrid 1.x will no longer work with LiveNX
- Added support for resolving NBAR applications via option records when the ApplicationId in flow is non-standard length

Alerting

- Alerts now have additional automatic resolution options. An alert can be automatically resolved "instantly" or stay open until a user "manually" resolves it depending on the selected option.
- IPSLA alerts are now based on latest test status rather than the average error count
- SDWAN alerts are no longer generated for down tunnels

Dashboard

- A new Fortinet default dashboard has been added
- Web analytic reports can now be used as dashboard widgets

Device Management

- Greatly increased performance when bulk editing devices
- Added support for vendor parsing of Cisco Secure Network Analytics (Stealthwatch) devices

Entity Pages

- Changed reports on WAN application entity page

Licensing

- Invalid licenses will continue to allow data collection for seven days

Reporting

- Time series reports now support business hours with multiple devices as long as all selected devices use the same business hours
- Added reports for Fortinet SDWAN performance statistics
- Exported time-series CSV data will no longer be down-sampled
- Improved AVC calculation accuracy for certain info elements
- Renamed "group" to "sla class" for Cisco SD-WAN reports
- Added support for LiveFlow ResponseTimeMax AVC field
- The "response time average" field was added to the "URL/URI Response Time" report
- Messaging to migrate reports to the Operations Dashboard was added to any report scheduled via the Engineering Console. All reporting should be configured via the Operations Dashboard.

User Management

- TACACS+/RADIUS can now be used to determine authorization and authentication without the need to manually create a user within LiveNX
- Unused filter groups can now be removed from user groups with a click of a button
- Users can now preview the devices a user group will have access to during configuration

Resolved Customer Issues

- LS-2748, LS-3118, LS-2748: Updated ACL Management to Support IOS-XE 16.12 and Later
- LS-2884: Improved error handling on WAN capacity planning story drill-down
- LS-2957: Changed flow path analysis to support bi-directional flow
- LS-3088: Fixed an issue where report time ranges would be wrong if the DST checkbox was unchecked
- LS-3090: Fixed an issue where non-SNMP device semantic updates would not persist
- LS-3143: Fixed an issue where the alert page would not render when the system had devices without device names
- LS-3147: Device discovery auto-semantics will no longer suggest a site IP range of 0.0.0.0
- LS-3148: Fixed an issue where dashboard custom widgets would fail on drill-down

- LS-3150, LS-3160: Fixed an issue which sometimes caused the reports to never complete when making certain queries
- LS-3157: Fixed an issue where some reports would fail to write to disk
- LS-3164: Fixed an error where entity pages would incorrectly error for sites with multiple devices

API Update

URI	Method	Summary
/aaa/config	GET	Added following new parameters to request and response body
	PUT	<p>1. <code>isEnabled</code> (boolean) added to <code>AAAServerGeneralConfig</code> which indicates whether Radius/Tacacs authentication is enabled or not.</p> <p>2. <code>groupKey</code> (String) added to request and response body which determines the user group authenticated users belong to. Supported Values are user group names including pre-defined ones ["Admin", "Config", "View"].</p>
/devices/config	PUT	New endpoint which performantly allows updating multiple devices
/alerting/identifiers/{id}	GET	Changed <code>contributesToStatus</code> (enum) to <code>isContributingToStatus</code> (Boolean) in <code>AlertIdentifierRequest/AlertIdentifierResponse</code> which indicates whether an alert identifier is contributing to status or not. Users should no longer send <code>contributesToStatus</code> . This is a breaking change that might affect user behavior.
	PUT	
/alerting/identifiers/definitions	GET	Added <code>hasCoolDownMinutes</code> , <code>canContributeToStatus</code> , and <code>noteData</code> to alert threshold definition responses for performance improvement.

Known Issues

- In rare cases, systems with large MongoDB databases may experience issues while upgrading. When this issue occurs, MongoDB fails to start and an error appears in the logs. LiveAction support should be contacted.