9.0.0 Release

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Release Information

- Release Version: LiveNX v9.0.0
- Release Date - TBD 2019
- Release Designation - ED (Early Deployment)

Build Information

TinyCore

APPLICATION VERSION	
Server Version :	9.0.0-20191120-8f91b9a
Web Version :	9.0.0-20191120-d66fd96+b129
OVA Version :	1.39.0

Ubuntu

APPLICATION VERSION	
Server Version :	9.0.0-20191122-7f81d16
Web Version :	9.0.0-20191121-d66fd96+b110

New Features and Enhancements

General Updates

- Support for LiveWire enhanced LiveFlow metrics:
    - App Performance - ConnectionLost, RepeatedConnectionAttempt, ConnectionRefused, ZeroWindow, LowWindow
    - VoIP – MOS, Codec
    - VXLAN - Group Policy ID
- Added ETHERIP support for Custom Application definitions

Reporting

- Added "Interface Utilization Above Threshold Over Time" report
- Added support for displaying and filtering on the SSID value in WLC "Client and Source Destination Record" wireless flow records where the SSID information is stored in options records
- Drilling down on applications in wireless flow reports should now work properly

Operations Dashboard

- **Alerts**
    - Enhanced QoS Class Drop Alert to support hierarchy
    - Enhanced Availability Alerts to support hierarchy
- **Authentication**
    - Single Sign-on support via SAML ADFS
- **Dashboard**
    - Added WAN Utilization Avg and Peak Widget Dashboard
- **Entity Pages**
    - Added site semantics to site entity page
- **Reports**
    - Added Recent Report History data retention management
- **Topology**
    - Geo Topology Map enhancements for improved network operations
- **Misc.**

    - Service Now Event messaging Enhancements
    - SDWAN - vManage support for SD-WAN 19.2 and XE 16.12.1

Engineering Console

- Support for monitoring DMVPN Per-Tunnel QoS

Resolved Customer Issues

LS-2315 - Handle exception related to getting current user name when report is ran with no active user (i.e. scheduled report)

LS-2343 - Operations Dashboard now allows site's to have special characters in their names

LS-2381 - Custom application does not work in certain situations

LS-2387 - Improve logging for LDAP user management

LS-2406 - Entities pages load time improved

Known Issues

Call by Number Story will not render results (will be fixed in 9.0.1)