at-a-glance

LiveAction™

LiveNX: Topology Views

Real Time Topology Views

LiveNX Topology Views were built to address the challenge of managing complex environments. Our patented approach to visualizing troubleshooting and diagnostics is driving prinicpal enabling 3-click drill downs from a global topology view to site view, to a highly detailed micro view in a single interaction for validation of: Application, VPN, DSCP and Service Provider performance KPIs.

The SD-WAN Topology view is unique in providing real-time status of the overlay fabric and the service provider performance for a complete end to end application service view. The SD-WAN Topology view includes filtered views for targeting specific layers of interconnected services for visibility and diagnostics of application performance across the network.

NetOps now has a platform with real-time Topology Views for situational awareness. LiveNX integrates Alert notification and Site-specific Reports as active elements in the topology map for rapid diagnosis and resolution of complex incidents.

Logical Topology – LiveNX leverages multi datasets collected and stored from telemetry, API and network services data to present NetOps with a logical view of the application and network performance in a logical hierarchal and connected topology.

Flow

LiveNX provides an innovative network topology view with end-to-end visualizations of live traffic across the network. This enables you to quickly drill down to individual devices or interfaces for more detail on flow characteristics such as IP addresses, DSCP values, byte rates and count.

LiveNX Flow Filter view – Engineering Console

LiveNX Flow supports the flow technologies from multilple vendors:

- Cisco NetFlow (version 5 and version 9)
- Cisco AVC (Application Visibility and Control)
- Cisco Medianet Performance Monitor
- Cisco NSEL (NetFlow Secure Event Logging)
- Cisco PfR (Performance Routing)
- Cisco Sampled NetFlows
- Cisco AnyConnect
- IPFIX
- Juniper J-Flow
- Hewlett-Packard sFlow
- Alcatel-Lucent

SD-WAN Topology Views

LiveNX's SD-WAN topology view delivers active views for situational awareness. NetOps have a set of filters for specific datasets of the active data. With an array of filters; Application, VPN, DSCP or Service Provider NetOps can quickly verify the policy status of the overlay fabric performance.

LiveNX – Cisco SD-WAN Topology

- Cisco SD-WAN Topology View:
  - Overlay visibility – VPN, tunnel
  - Service Provider transport
  - Performance Status
  - Filtering by application, DSCP, VPN or Service Provider
- Cisco SD-WAN Site to Site Analysis: Device inventory, including vEdge/cEdge routers and management devices like vManage, vBond and vSmart

Active Alerts

LiveNX Topology Site Views have integrated Alert notification with next drill down capabilities to respond and engage with the corrective action.

The Alert is common across LiveNX enabling branches of NetOps teams to collaborate. The Network Operations Center may have the Topology Views displayed while Engineering oriented teams drill down for time, severity, location, impact and start the incident assessment with relevant knowledge for faster troubleshooting and resolution.

LiveNX – Active Alert Notifications

LiveNX associates Events from devices (routers, switches, firewalls, etc.) to Alerts, which are generated upon meeting specific criteria, such as a threshold. Alerts are displayed in the Topology View from the Operations Dashboard.

- Alerts can be configured to integrate into workflows within industry incident management systems such as ServiceNow and PagerDuty.
- Event-to-Alert mapping, LiveNX is able to eliminate the common complaint that the number of alerts being created is too high, thereby displaying only the alerts that require immediate attention.
- Severity levels:
  - Critical: The highest severity, e.g. for alerts that would cause the biggest problem to the network
  - Warning: A high severity, e.g. for alerts that may indicate issues that are problematic or will become problematic
  - Info: A low severity, e.g. an issue that is worth knowing about but may not be that detrimental to the network

LiveAction
3500 West Bayshore Rd
Palo Alto, CA 94303

Phone + eFAX: +1 888-881-1116
Email: sales@liveaction.com
Website: www.liveaction.com

100318