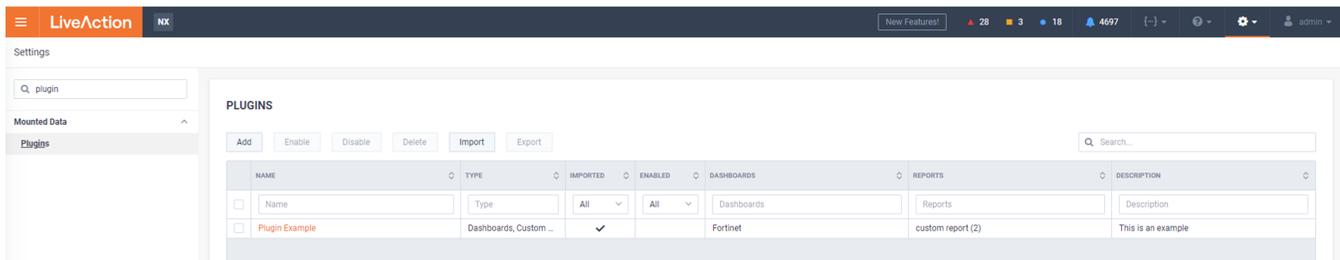


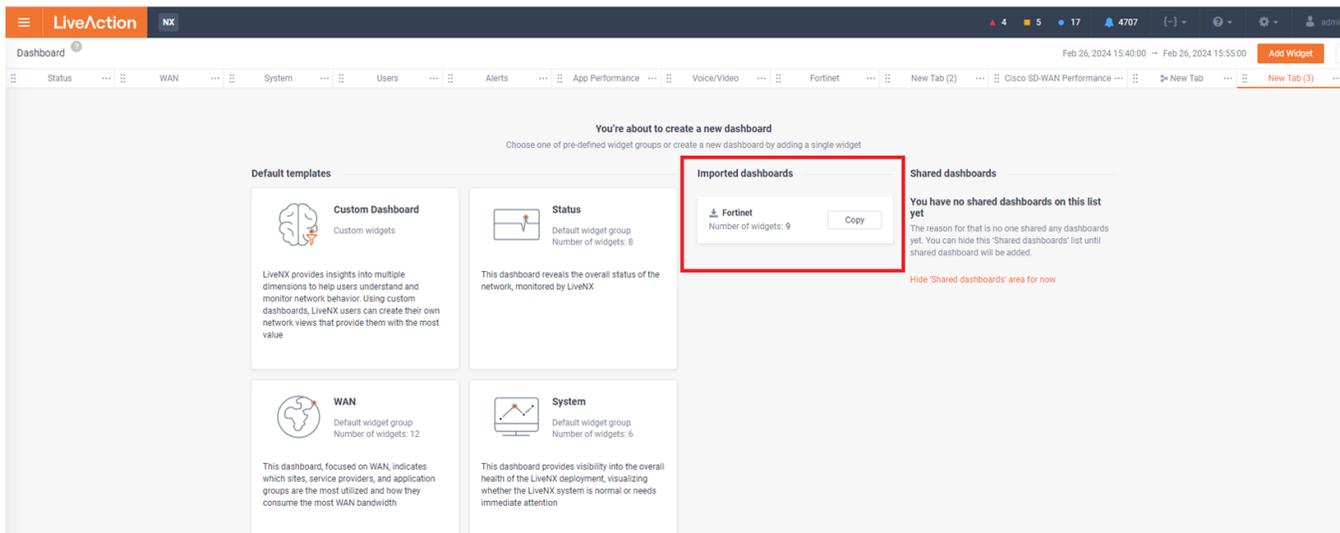
What's New in LiveNX 24.1.0

Plugin Support

- Ability to share Dashboards and Custom Reports between LiveNX instances



- Anyone can create useful reports and widgets and share them with others



Non-SNMP Interfaces on SNMP Devices

- Add Non-SNMP (virtual) interfaces to an SNMP device

EDIT MICRO-CSR-15.SD.LIVEACTION.COM. ✕

General Settings Interfaces

Add Edit Delete Q Search...

	NAME	SNMP INTER...	IFINDEX	IP ADDRESS	SUBNET MASK	INPUT CAPA...	OUTPUT CAP...	SERVICE PRO...	WAN/XCON	LABEL	TAGS
<input type="checkbox"/>	Name	All	Iindex	IP Address	Subnet Mas	Input Capac	Output Capi	Service Pro'	All	Label	Tags
<input type="checkbox"/>	GigabitEthernet1	✓	1	10.122.155.2...	255.255.255.0				WAN		vpn1
<input type="checkbox"/>	GigabitEthernet2	✓	2	192.168.1.250	255.255.255.0			AT&T-MPLS-US	WAN		vpn1
<input type="checkbox"/>	GigabitEthernet3	✓	3	192.168.2.250	255.255.255.0			AT&T-MPLS...	WAN		vpn1
<input type="checkbox"/>	Null0	✓	5						WAN		vpn1
<input type="checkbox"/>	Tunnel1	✓	6	172.18.20.1	255.255.255.0			Default Servi...	WAN		vpn1

Rows: 5 / 5

Cancel Apply

Silver Peak IPFIX Field Support

- Build custom reports using Silver Peak IPFIX fields

CREATE CUSTOM REPORT ✕

1 General Settings 2 Keys and Metrics

Keys Q silver

	NAME	FIELD NAME	SEARCH STRING	FIELD ID	PEN
<input type="checkbox"/>	Name	Field name	Search string	Field ID	PEN
<input type="checkbox"/>	Client IPv4 Address	clientip4Address	flow.silverpeak.clien...	1	Silver Peak
<input type="checkbox"/>	Server IPv4 Address	serverip4Address	flow.silverpeak.serv...	2	Silver Peak
<input type="checkbox"/>	Connection Initiator	connectionInitiator	flow.silverpeak.con...	7	Silver Peak
<input type="checkbox"/>	Application HTTP H...	applicationHttpHost	flow.silverpeak.app...	8	Silver Peak
<input type="checkbox"/>	From Zone	fromZone	flow.silverpeak.from...	22	Silver Peak
<input type="checkbox"/>	To Zone	toZone	flow.silverpeak.toZo...	23	Silver Peak
<input type="checkbox"/>	Tag	tag	flow.silverpeak.tag	24	Silver Peak
<input type="checkbox"/>	Overlay	overlay	flow.silverpeak.overl...	25	Silver Peak
<input type="checkbox"/>	Direction	direction	flow.silverpeak.dire...	26	Silver Peak
<input type="checkbox"/>	Application Category	applicationCategory	flow.silverpeak.app...	27	Silver Peak

Metrics Q silver

	NAME	FIELD NAME	FIELD ID	PEN
<input type="checkbox"/>	Name	Field name	Field ID	PEN
<input type="checkbox"/>	Server Octet Delta Count	connectionServerOctetDel...	3	Silver Peak
<input type="checkbox"/>	Server Packet Delta Count	connectionServerPacketD...	4	Silver Peak
<input type="checkbox"/>	Client Octet Delta Count	connectionClientOctetDelt...	5	Silver Peak
<input type="checkbox"/>	Client Packet Delta Count	connectionClientPacketD...	6	Silver Peak
<input type="checkbox"/>	Number of Connections	connectionNumberOfCon...	9	Silver Peak
<input type="checkbox"/>	Server Response Count	connectionServerRespons...	10	Silver Peak
<input type="checkbox"/>	Server Response Delay	connectionServerRespons...	11	Silver Peak
<input type="checkbox"/>	Network to Server Delay	connectionNetworkToSer...	12	Silver Peak
<input type="checkbox"/>	Network to Client Delay	connectionNetworkToClie...	13	Silver Peak
<input type="checkbox"/>	Client Packet Retransmiss...	connectionClientPacketR...	14	Silver Peak
<input type="checkbox"/>	Client to Server Network D...	connectionClientToServer...	15	Silver Peak
<input type="checkbox"/>	Application Delay	connectionApplicationDel...	16	Silver Peak
<input type="checkbox"/>	Client to Server Response...	connectionClientToServe...	17	Silver Peak

Preview

Rearrange by dragging the headings below

Cancel Previous Step Save

Flow Path Analysis – Application Delay Status

- Application delay status coloring is now based on alert thresholds

The screenshot shows the LiveAction interface for Flow Path Analysis. The table displays various performance metrics for different applications and servers. The 'Ad Avg' column is highlighted with a red background, indicating that application delay status coloring is based on alert thresholds.

STATUS	LIVE/WL	FLOW P.	LIVE WIRE	TIME	SERVER I	SERVER T	CLIENT I1	CLIENT S	PORT	APPLIC.	Ad Avg	Ad Max	Cnd Av	Cnd Ma	Snd Av	Snd Ma	Nd Avg	Nd Max	Retran	Connec	Connec	Zero Wl	
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	10.2.101...	Unknown	192.168...	Unknown	445	cifs	0 ms	0 ms	0 ms	0 ms	2.34 s	3 s	2.34 s	3 s	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	188.65.1...	Internet	192.168...	Unknown	443	ssl	17 ms	45 ms	14 ms	21 ms	193 ms	195 ms	201 ms	205 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	185.125...	Internet	192.168...	Unknown	80	connect...	1 ms	1 ms	0 ms	0 ms	186 ms	186 ms	186 ms	186 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	18.205.5...	Internet	192.168...	Unknown	443	vision.fr...	1 ms	1 ms	21 ms	25 ms	132 ms	136 ms	143 ms	148 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	23.20.68...	Internet	192.168...	Unknown	443	vision.fr...	1 ms	1 ms	24 ms	26 ms	130 ms	131 ms	142 ms	145 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	34.229.3...	Internet	192.168...	Unknown	443	vision.fr...	1 ms	1 ms	23 ms	28 ms	130 ms	134 ms	142 ms	144 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	72.44.34...	Internet	192.168...	Unknown	443	vision.fr...	6 ms	8 ms	13 ms	14 ms	136 ms	138 ms	142 ms	143 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	104.100...	Internet	192.168...	Unknown	80	ms-serv...	1 ms	1 ms	28 ms	28 ms	118 ms	118 ms	133 ms	133 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	199.127...	Internet	192.168...	Unknown	443	ssl	9 ms	17 ms	1 ms	1 ms	126 ms	138 ms	127 ms	138 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	35.229.3...	Internet	192.168...	Unknown	443	livestream	0 ms	0 ms	0 ms	0 ms	122 ms	146 ms	122 ms	146 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	54.67.92...	Internet	192.168...	Unknown	443	ssl	55 ms	426 ms	49 ms	52 ms	85 ms	102 ms	120 ms	153 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	23.14.12...	Internet	192.168...	Unknown	443	ms-serv...	4 ms	5 ms	1 ms	1 ms	118 ms	119 ms	118 ms	120 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	44.235.7...	Internet	192.168...	Unknown	443	tubtvr	3 ms	3 ms	31 ms	42 ms	71 ms	83 ms	98 ms	111 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	54.69.20...	Internet	192.168...	Unknown	443	imworld...	2 ms	2 ms	1 ms	1 ms	97 ms	97 ms	91 ms	91 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	162.159...	Internet	192.168...	Unknown	443	ssl	1 ms	1 ms	21 ms	21 ms	78 ms	78 ms	79 ms	79 ms	2	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	18.65.3.5	Internet	192.168...	Unknown	443	ssl	2 ms	6 ms	1 ms	1 ms	102 ms	102 ms	77 ms	79 ms	6	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	20.99.18...	Internet	192.168...	Unknown	443	ms-serv...	3 ms	3 ms	0 ms	0 ms	90 ms	90 ms	73 ms	73 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	18.164.1...	Internet	192.168...	Unknown	443	ssl	1 ms	1 ms	0 ms	0 ms	70 ms	70 ms	71 ms	105 ms	10	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	18.164.1...	Internet	192.168...	Unknown	443	ssl	1 ms	1 ms	0 ms	0 ms	75 ms	82 ms	69 ms	82 ms	4	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	52.9.63.1...	Internet	192.168...	Unknown	443	pubsub	12 ms	23 ms	22 ms	22 ms	58 ms	59 ms	69 ms	69 ms	0	0	0	0
●	III	🔗	🔗	-	11 Mar 2024, 11:00 PM	18.164.1...	Internet	192.168...	Unknown	443	ssl	239 ms	286 ms	7 ms	7 ms	63 ms	73 ms	66 ms	74 ms	0	0	0	0

Cisco SD-WAN Flex Search Support

- Flex search support for additional Cisco SD-WAN reports

The screenshot shows the Cisco SD-WAN Flex Search configuration interface. The 'Flex Search' field is highlighted with a red box, indicating the search criteria for the report.

REPORT LIST

Site to Site Performance Above Threshold Over Time (Viptela)

[Add New Report](#)

REPORT DETAILS

Report Name: Enter custom report name...

Execution Type: Aggregation

Report Description: Enter report description...

Flex Search: Ex.: site=Honolulu & wan & flow.app=http

Source Site: All Sites (All Devices)

Destination Site: All Sites (All Devices)

Packet Loss Rate Threshold: 1 %

Jitter Threshold: Input threshold in milliseconds (empty to ignore) ms

Delay Threshold: Input threshold in milliseconds (empty to ignore) ms

Violation Duration Threshold: 1 hours

Additional Multi-Instance Alert Support

- Multi-instance support for all QoS class drop and interface error alerts

QoS Class Drop ✕

LIST OF INSTANCES ⓘ
ADD NEW INSTANCE
INSTANCE DETAILS

Default Instance 🔴

General Settings

This alert may contribute to status of an Interface, Device, and/or Site.

Instance Name *

Severity
Warning

Note: Severity for this alert may be reflected as the same severity used in the status. When the severity is info, it does not contribute to the status.

Alert Source

Thresholds

Automatic Resolution Time * ⓘ

Catch All Threshold

Drop Rate * **For at Least ***

kbps

min

Add Specific QoS Class Alert

Sharing

Email

Cancel
Save

Actionable Cisco SD-WAN Alerts

- Resolve, Ignore, or Acknowledge the LiveNX alert created from a Cisco SD-WAN alarm

SEVERITY	SITE	DEVICE	DESCRIPTION	TIME OPENED	ACTIVE FOR	CATEGORY	TYPE	THIRD PARTY INTEGR...
■ Warning		vmanage	System memory usage is above 75% for memory-status: usage-warning, system-ip: 10.1.1.2, host-n...	26 Feb 2024, 02:59 PM	12 days	vManage	vManage: Memory Usage	
■ Warning		vmanage	System memory usage is above 60% for memory-status: usage-notice, system-ip: 10.1.1.2, host-n...	25 Feb 2024, 08:58 PM	13 days	vManage	vManage: Memory Usage	
▲ Critical	MoscowVedge1	MoscowVedge1	The interface admin-state changed to down for if-name: loopback2000, new-admin-state: down, s...	08 Feb 2024, 07:06 AM	about 1 month	vManage	vManage: Interface Admin State Change	
▲ Critical	CEDGE-Greenwich	CEDGE-Greenwich	All OSPF peering sessions are down for router-id: 10.1.10.93, system-ip: 10.1.10.93, host-name: C...	08 Feb 2024, 05:31 AM	about 1 month	vManage	vManage: OSPF Router Down	
<input checked="" type="checkbox"/> ▲ Critical		vbond	Root cert chain installed for system-ip: 10.2.1.1, host-name: vbond	08 Feb 2024, 05:29 AM	about 1 month	vManage	vManage: Root Cert Chain Installed	
▲ Critical		vsmart-MT	Root cert chain installed for system-ip: 10.2.1.3, host-name: vsmart-MT	08 Feb 2024, 05:29 AM	about 1 month	vManage	vManage: Root Cert Chain Installed	
▲ Critical		vsmart-MT	vEdge serial file uploaded for system-ip: 10.2.1.3, host-name: vsmart-MT	08 Feb 2024, 05:29 AM	about 1 month	vManage	vManage: vEdge Serial File Uploaded	
▲ Critical		vmanage	Root cert chain installed for system-ip: 10.1.1.2, host-name: vmanage	08 Feb 2024, 05:29 AM	about 1 month	vManage	vManage: Root Cert Chain Installed	
▲ Critical	CEDGE-Greenwich	CEDGE-Greenwich	Root cert chain installed for system-ip: 10.1.10.93, host-name: CEDGE-Greenwich	08 Feb 2024, 04:09 AM	about 1 month	vManage	vManage: Root Cert Chain Installed	

Cloud Monitoring – Customize How to Read Flow Logs

- Specify path to get the flow logs

CONFIGURE AWS ✕

 The changes in configuration might clean up all existing data.

IAM Role

Key/Secret

AWS access key

AWS secret Enter if not configured or you want to change.

Flow log S3 bucket Example: s3://bucket-name/path

S3 role ARN Enter if STS Assume role is used.

AWS regions

US West (Oregon) x

Member account information

Member role ARN

AWS regions

AWS regions

Add New

Reset Cache

Cancel

Submit

- Specify which users flow logs should be read from

CONFIGURE AWS



The changes in configuration might clean up all existing data.

IAM Role

Key/Secret

AWS access key

AKI0000000000000000R6

AWS secret Enter if not configured or you want to change.

AWS secret

Flow log S3 bucket Example: s3://bucket-name/path

s3://brij-cm-bucket

S3 role ARN Enter if STS Assume role is used.

S3 role ARN

AWS regions

US West (Oregon) x

Read mechanism

Read all flow-logs

Read all flow-logs

Read Master account

Read Member account(s)

Read Master and Member account(s)

Member account information

Member role ARN

Member role ARN

AWS regions

AWS regions

arn:aws:iam::792068586670:role/brij-cm-test

US West (Oregon)



Reset Cache

Cancel

Submit