



Cisco Tech Day

Denver

March 3, 2026

The Next Generation of Data Center Network Management



Cisco Tech Day
Denver



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Agenda



Cisco Tech Day
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1. The Journey To Now
2. Current Capabilities
3. Future Direction

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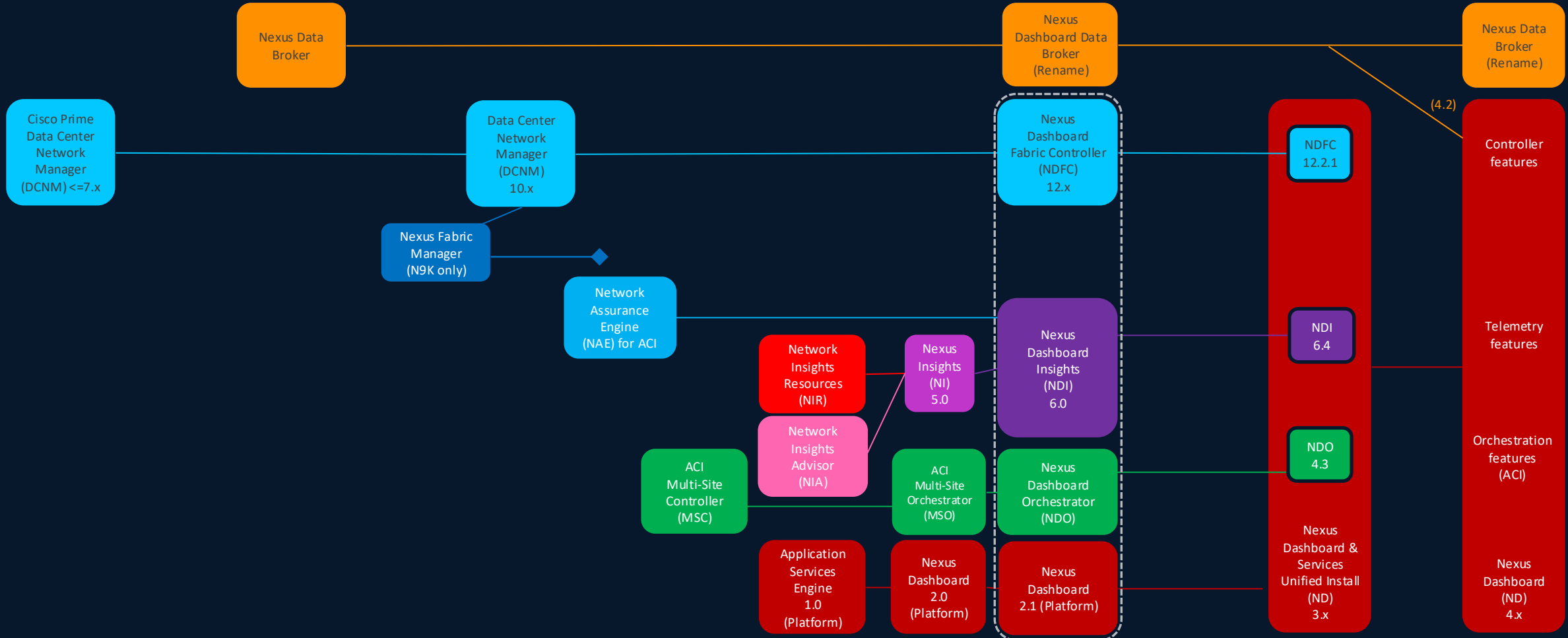
World Wide Technology, Inc.

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The Journey To Now

Nexus Management Tools Evolution



2008-12 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026

APIC-X (Appliance) Application Services Engine L3 (Appliance) Nexus Dashboard L4 (Appliance) Nexus Dashboard G5 (Appliance)

Current Capabilities

Nexus Dashboard 4.1 Feature Summary

Nexus Dashboard 4.1.1

Platform and Integrations

- Unified Platform UX
- One Manage Cluster Federation
- Gen5 Appliance (Small)
- Scale Improvements
- IPFM Cohosting
- Licensing enhancements
- OpenShift VMM integration
- OpenStack ML2 / Neutron integration
- New API support
- New Platform Support:
 - N9336C-SE1
 - N9364E-SG2-O
 - N9364E-SG2-Q
 - N92348GC-FX3
 - N9804
 - N9808
 - N9K-X9736C-FX3 Line card
 - N9324C-SE1U
 - N9348Y2C6D-SE1U*

Automation and Orchestration

- VXLAN GPO enhancements
- Smart Switch support in Networking Mode
- AI/ML/RoCE Network Features
- ESG support for ACI Multi-Site fabrics
- Change Control feature
- Autonomous Remote Leaf Group
- NDO to One Manage migration (NXOS only)
- External connectivity workflows
- VXLAN Xconnect (QinVNI) support
- Downstream VNI support for VXLAN Multi-site

Scale and Performance

- New UCS M8 based ND G5 appliance (1 to 3-node support)
- Single node deployment options
- One Manage federation scale: 3500 Switches, 10 Clusters

Analytics, Troubleshooting and Visibility

- Traffic Analytics Enhancements:
 - Compatibility Mode
 - Traffic Analytics with L4-7
 - UDP protocol categorization
 - North/South prefix filtering
- Endpoint & L3 Neighbor tracking
- Custom Dashboards
- Global Federated Search
 - Assurance / Compliance / Explorer Support
- GPO Monitoring
- NX-OS ESG PCAM analysis
- Anomaly Maintenance Mode
- Anomaly correlation enhancements

Unified Platform Experience

Single menu, all functions, one place

Version 3.2

Toggle between services

Admin Console

Insights

Orchestrator

Fabric Controller

Anomaly Level Critical
4 total critical anomalies, out of which 0 occurred in the last week

Advisory Level Major
3 total major advisories, out of which 0 occurred in the last week

2 Fabrics
2 of your fabrics have anomalies, with 2 fabrics showing critical-level anomalies.

53 Endpoints

21.38 GB External Traffic

8 Fabrics

Version 4.1

Welcome, tme

Overview Topology Dashboards

Home (Topology, Journey Dashboards)

vND6Nodes at a glance

Anomaly level Critical
4 total critical anomalies, out of which 0 occurred in the last week

Advisory level Critical
3 total critical advisories, out of which 0 occurred in the last week

Infrastructure

- 4 Fabrics
- 1 Inter-fabric
- 12 Switches
- 191 Active Endpoints

Recent Activity (main logs) added

Inter-Fabric links monitoring (from ACI Multisite & NXOS Fabric Groups)

Map and Table view options

login successful by tme 0 minutes ago

login successful by admin 1 hours ago

logout successful - user logout due to inactivity by multicluster 3 hours ago

Tenant 'stretched' was created by multicluster 6 hours ago

No toggle. No individual services

Recent Activity (main logs) added

Home (Topology, Journey Dashboards)

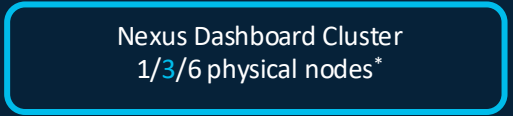
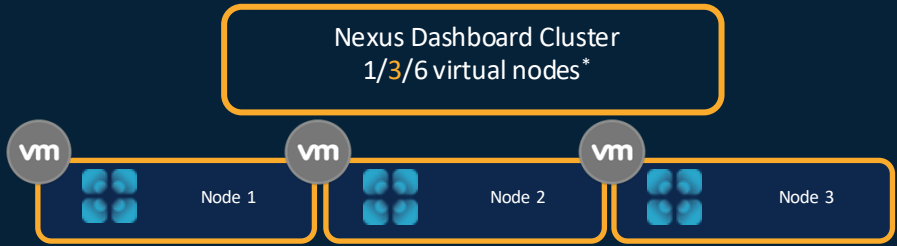
Inter-Fabric links monitoring (from ACI Multisite & NXOS Fabric Groups)

Map and Table view options

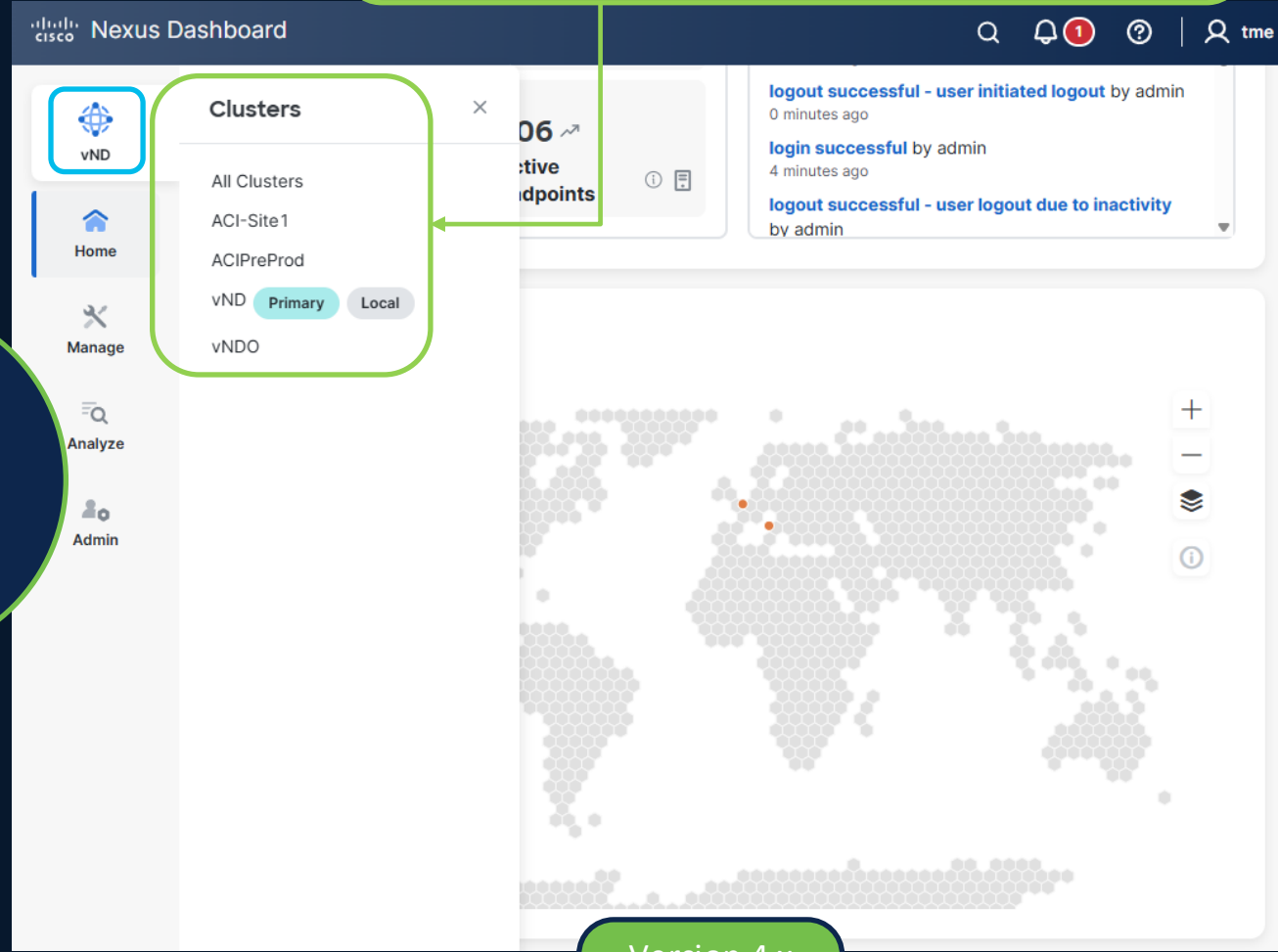
“One Manage” Experience

Multi-cluster Federation

Shipping



All cluster view will aggregate fabrics from multiple Nexus Dashboard clusters
Some features may require you to switch to the local cluster (e.g. Analysis Hub)



New Physical Appliance (Gen 5)

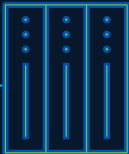
Built on Next Generation UCS M8

ND-NODE-G5S Nexus Dashboard Gen 5 single M8 node



Up to 50 switches

ND-CLUSTERG5S Nexus Dashboard Gen 5 three node M8 cluster



Up to 500 switches

Based on C225 M8 UCS Architecture

Future proof your Nexus Dashboard deployment

Increased scale for the enterprise

Node	Generation	Cores	Threads	Memory	Mem Speed	CPU	Storage
ND-NODE-L4	Gen4 ND	24	48	256GB	3200MHz	AMD EYPC 7443P	9.6TB SAS
ND-NODE-G5S	Gen5 ND	48	96	256GB	5600MHz	AMD EYPC 9454P	14.4TB SAS RAID 0

VXLAN Group Policy Option (GPO)

Additional support for micro-segmentation on NX-OS VXLAN Fabrics

Shipping

The screenshot displays the Cisco CloudScale management interface for a VXLAN Fabric. The main navigation bar includes 'Overview', 'Inventory', 'Connectivity', 'Segmentation and security', 'Configuration policies', 'Anomalies', 'Advisories', 'Integrations', and 'History'. The 'Segmentation and security' section is active, showing 'Security Groups' and 'Contracts'. A table lists security groups with their anomaly levels and config-sync status.

Name	Anomaly Level	Config-Sync Status
SG-1000	Critical	Deployed
SG-1001	Critical	Deployed
SG-1002	Critical	Deployed
SG-1003	Warning	Deployed

The 'Security Rules' modal window shows a diagram of a contract between 'Web' and 'App' security groups. Below the diagram, the 'Contract Contract_1 Rules' table is displayed:

Rule	Ethertype	Protocol	Source Port	Destination Port	Filter	Action
Rule_1	IP	TCP	1-5	6-10	Filter 1	Permit
Rule_2	MPLS	EDP	80	Any	Filter 1	Permit
Rule_3	Ethernet	TCP	80	Any	Filter 2	Permit
Rule_4	Ethernet	TCP	80	Any	Filter 2	Permit

Grouping

- IP, VLAN, Port + VLAN, VM vNIC

CloudScale platforms supported

- FX, FX2, FX3, GX, GX2, H1, H2R

One Manage integrated

- Multi-site fabric policy deployment

N9300 Smart Switches

Prepare your ToR/Edge switching for Hypershield distributed L4 filtering

Cisco
Smart Switches

Networking

Hypershield



Cisco Nexus 9300 Services Accelerated Switch

- Rich NX-OS Features and Services
- High-speed connectivity and scalable performance
- Optimized for latency and power efficiency

- Software-defined Stateful Services
- Programmable at all layers: add new services without HW change
- Scale-out services with wire-rate performance
- Power down DPU complex when not used



Routing
Switching



EVPN/MPLS/
VXLAN/SR



Rich
Telemetry



Line-rate
Encryption



Power
Efficiency



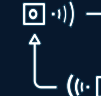
Distributed
Security



IPSEC
Encryption



Large-Scale
NAT



Event-Based
Telemetry



DoS
Protection

Future Use Cases

N9300 Smart Switch Support

Shipping

Smart Switch “Networking Mode” Use Cases



Nexus Dashboard

Single Fabric Use Case



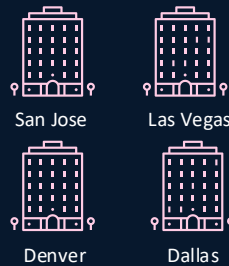
Single Fabric

- VXLAN-EVPN
- BGP

ToR Smart Switch
N9348Y2C6D-SE1U | N9324C-SE1U

- ✓ **Role: Leaf, Border Leaf**
- ✓ Comprehensive fabric features (L2, L3, QoS, Multicast, vPC, L2 mobility, L2/L3 stretch, etc ...)

Multi-Fabric Use Case



Multi-Site
VXLAN-EVPN

ToR Smart Switch
N9348Y2C6D-SE1U | N9324C-SE1U

- ✓ **Role: Leaf, Border Gateway**
- ✓ Multi-site features (L2/L3 stretch, Anycast border gateway, TRMv4, etc...)

Supported ND Functionality:

- Configuration Management
- Software Image Management
- Switch registration with Hypershield controller

Applicable Fabric Types:

- VXLAN-EVPN fabric
- BGP routed fabric
- Multi-Site VXLAN-EVPN
- Brownfield fabric insertion support

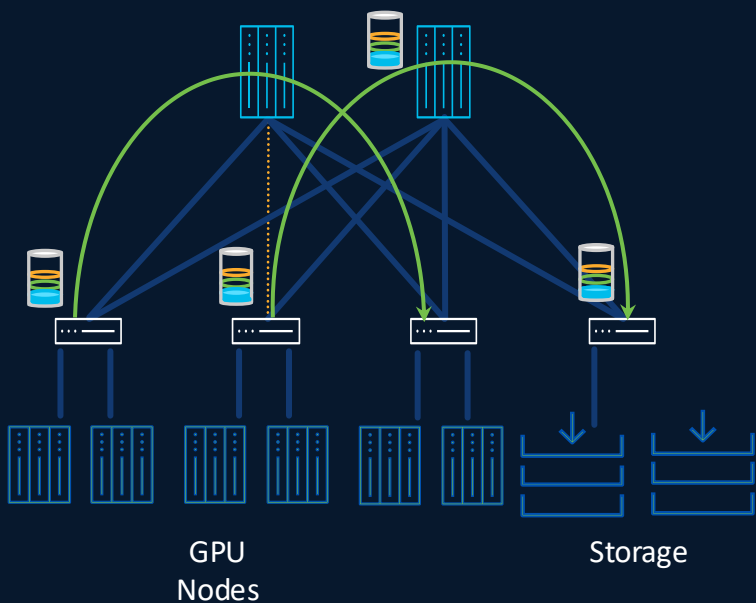
Note: Smart Switch “Networking Mode” means DPU powered off

AI/ML/RoCE Enhancements

Automate and monitor your AI/ML/RoCE network configurations

Shipping

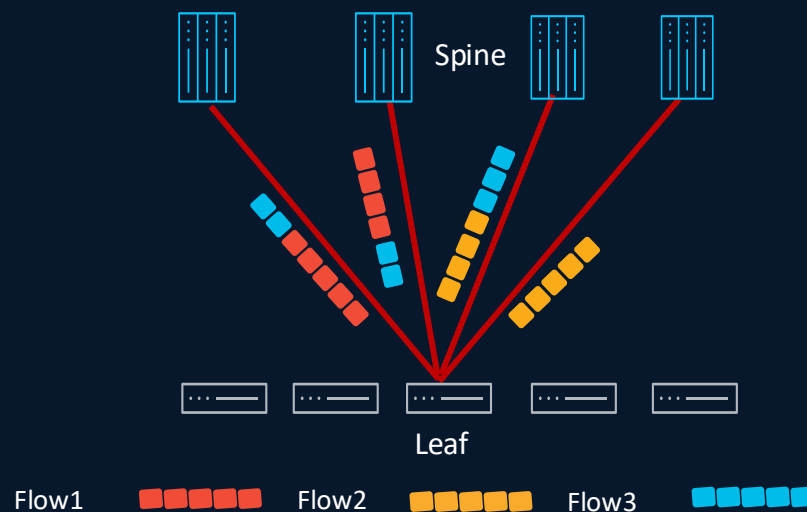
RDMA over Lossless Ethernet (RoCEv2)



Manage network congestion
with Lossless Network (PFC + ECN)

+RoCEv2 support on N9800

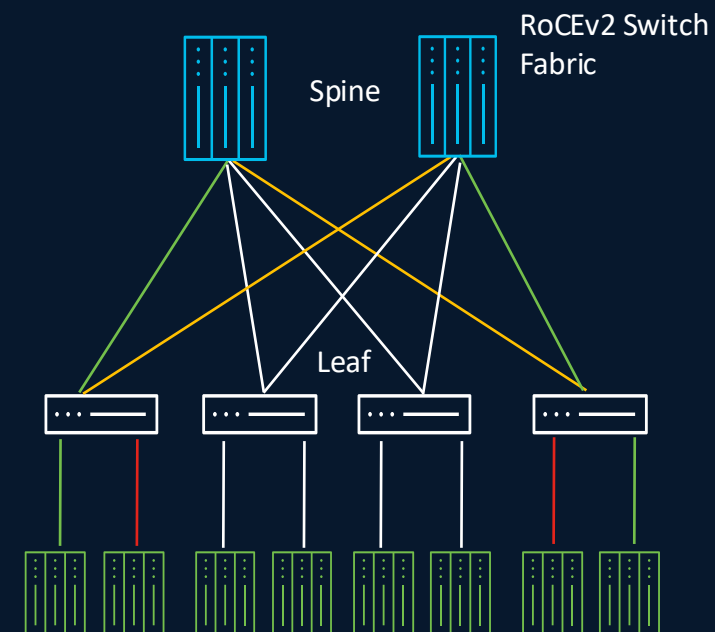
Dynamic Load Balancing



Load balance flows/flowlets/packets
based on link utilization

Better hashing results in AI fabrics
with **uniform** flow size and header information

Uplink Pinning



Traffic efficiency through pinning rules
Map traffic from each downlink to the desired uplink

Allows **efficient** selection of Spines for communication
between leaf and spines

Endpoint Security Group (ESG) for distributed ACI fabrics



Why Endpoint Security Groups?

Today both network forwarding and policy enforcement is done at EPG and BD level restricting segmentation at BD level

What are Endpoint Security Groups?

ESG classifies an endpoint based on attributes at a VRF level
Site local and stretched ESG segmentation across sites

Benefits of Cisco ND 4.1 Endpoint Security Groups

Create security zones at VRF level across sites
Policy TCAM (contract rules) usage optimization

Traffic Analytics Enhancements

Greater scope of visibility

System Settings Refresh

General Control and operations Advanced settings Multi-cluster connectivity **Flow Collection**

⚠ Precision Time Protocol (PTP) is required for both Traffic Analytics and Flow Telemetry. [Learn more](#) ×

Flow Collection Mode
Select one of the following modes to run on all your fabrics based on your needs.

Traffic Analytics Recommended
Automatically discover services and visualize flows based on well-known L4 ports, identifying congestion, latency, drops and more.

Flow Telemetry
Classic monitoring of flow collection supporting Netflow, Netflow+ and sFlow. Does not include automated service discovery and other features.

Conversation Rate Status for the last day [View All Flow Rate Statistics](#)

Within Limit 100,000 Conversations/min ✓
Received System Conversation Rate: 0 Conversations/min

No Drops Flow Record Drops (0) ✓

Traffic Analytics for Multi-Fabric and External conversations
Once the 60% Traffic Analytics conversation threshold is surpassed, you may disable tracking Multi-Fabric and External conversations (north to south) to preserve capacity and avoid missing data for Intra Data Center Traffic (east to west)

Traffic Analytics for Multi-Fabric and External conversations
 Enabled Disabled

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Current date and time is **January 1, 2023, 10:00:00 AM (EST)** [Give your feedback](#)

North-to-South Traffic now added

External Client display (Inter-Fabric, External source)

Compatibility Mode for devices without FT/FTE

TA support via OOB interfaces

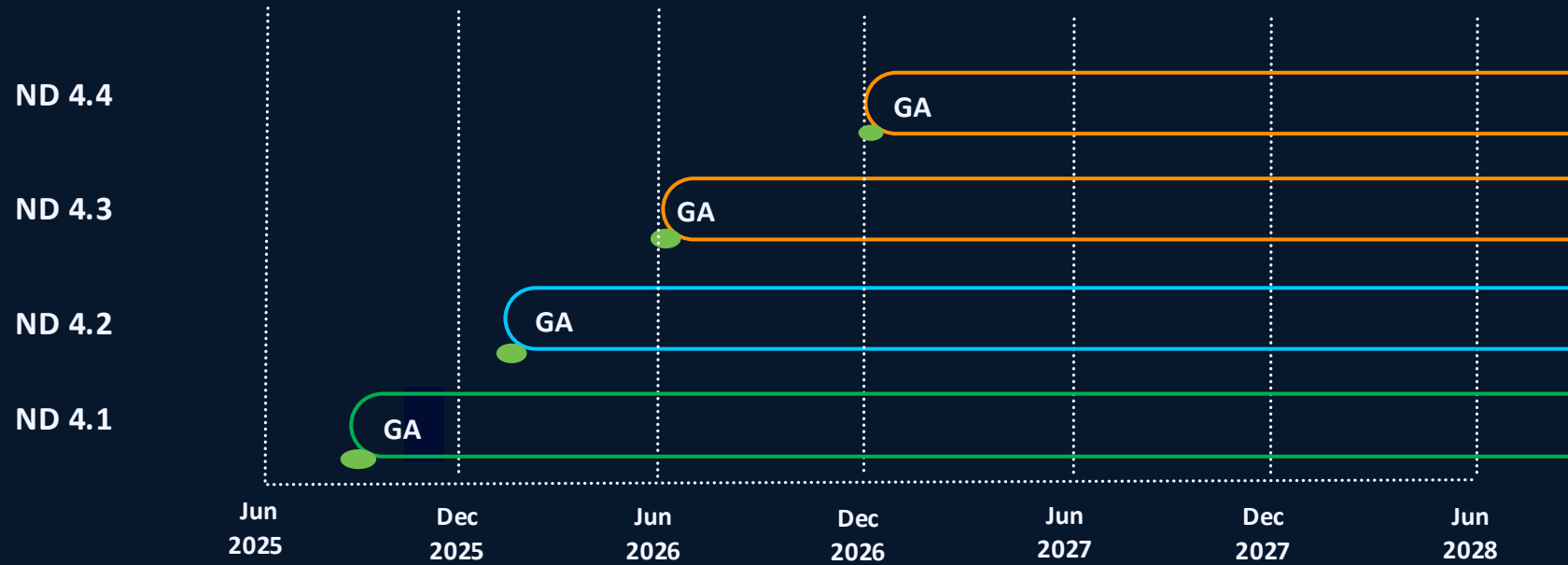
On by default for all L3 out/external interfaces

Visibility for PBR-redirected L4-L7 traffic

Support added for UDP based service classification

Future Directions

Nexus Dashboard SW Release Cadence



- Starting from ND 4.3, major versions will be released every ~6 months

Nexus Dashboard 4.2

Nexus Dashboard 4.2 Committed Features

Nexus Dashboard 4.2

Platform and Integrations

- Gen 5 Large appliance
- vND on Nutanix (1 to 3-node clusters)
- Hypershield integration
- Data Broker controller
- Embedded Splunk on single node G5
- MCP Server for LLM AI integration
- UI Dark Mode
- API Inspector, full support for Open- API
- ND SMU support
- Certifications (Korean SVS)
- Administrative Multi-Tenancy
- SNMP Export of Anomalies
- Slack Integration
- SLURM Integration
- Microsoft Entra ID support (MFA)
- Telemetry data backup & restore
- Switch level Licensing view for N3K/N9K
- Webhook streaming for fabric alerts
- Custom UI Security Banner (MOTD)
- New Platform Support:
 - N9396T12C-SE1
 - N9396Y12C-SE1
 - N9800-SUP-B
 - N9164E-NS4-O

Automation and Orchestration

- Fabric Designer
- Switch-to-ND config reconciliation
- Advanced DLB features on S1 platforms
- Smart Switch with Hypershield agent in DPU (POC)
- Live Protect workflow for CVE mitigation
- Inter-fabric connectivity between ACI and NX-OS fabrics
- Brownfield ToR import support
- Fabric Software Image Management improvements
- Catalyst 8K Image Management
- Inband Plug and Play for Cat9k
- Config Profile to CLI conversion
- Orchestrator (NDO) hardening
- IPFM: Increase max rate PMN policers to support 8k/16k UHD videos

Scale and Performance

- Single-node vND-App (controller only): 50 switches
- Single-node L4 option for all services: 25 switches
- 3-node vND App (controller only): 100 switches
- 3-node G5L (all services): 1000 switches
- 6 node L4 (all services): 500 Switches
- One Manage federation scale: 4000 Switches, 12 Clusters

Analytics, Troubleshooting and Visibility

- Traffic Analytics support for Transit L3 and L2 flows
- Connectivity Analysis for L4-L7, DPUs
- AI Fabric Enhancements:
 - Job Completion, Packet drops, CRC, Optics, Analytics
 - Topology view with GPU servers
 - Advanced settings in Fabric template
 - LLDP Handshake w/ Nvidia NICs
- ESG/GPO Support for Explorer, TA & CA
- Catalyst Telemetry Support Phase 1 (VXLAN, Basic Telemetry, TA Compat mode)
- uSeg with PBR Assurance for ACI fabrics
- Enhanced Anomaly Rules
- Real-time telemetry support for ACI 6.2(1)
- Route table streaming for ACI

Larger Scale Gen5 Appliance

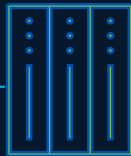
Supported starting with ND 4.2

Increased Scale with reduced footprint

G5 Small Configuration (ND 4.1)



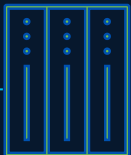
ND-NODE-G5S= Nexus Dashboard single G5 node (Small)



Up to 50 switches



ND-CLUSTERG5S Nexus Dashboard three node G5 cluster (Small)

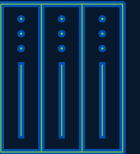


Up to 500 switches

G5 Large Configuration (ND 4.2)



ND-CLUSTERG5L Nexus Dashboard three node G5 cluster (Large)



Up to 1,000 switches

Node	Generation	Cores	Threads	Memory	Mem Speed	CPU	Storage
ND-NODE-L4	Gen4 ND	24	48	256GB	3200MHz	AMD EYPC 7443P	9.6TB SAS
ND-NODE-G5S	Gen5 ND (Small)	48	96	256GB	5600MHz	AMD EYPC 9454P	14.4TB SAS RAID 0
ND-NODE-G5L	Gen5 ND (Large)	96	192	512GB	6400MHz	AMD EYPC 9655P	19.2TB SSD RAID 5

Hypershield Integration

Nexus Dashboard

← Integrations

Add Integration

ND-SYS-1

Home

Manage

Analyze

Admin

Integration type
Hypershield

Authentication

Association

4 Summary

Summary

Hypershield
Embed security directly into your network with AI-powered management and automation tools

Authentication

Account alias	API access token	Tenant name
Hypershield_B	ABCDEFGHIJKLMN...PQRSTUVWXYZABCD...	Nexusdashboard-user2

Association

Fabric name	Type	Description
DPU Fabric	Multi-Site & External Conn	

Cancel All changes saved

Connect ND to Hypershield controller

- Maintain multiple controller instances
- Associate controllers to specific switches
 - Automatically enables DPU and Hypershield agent connection
- Choose DPU affinity within switches

← Fabrics

Onboard Smart Switches to Hypershield for DPU Fabric

1 Select switches

2 Configuration preview

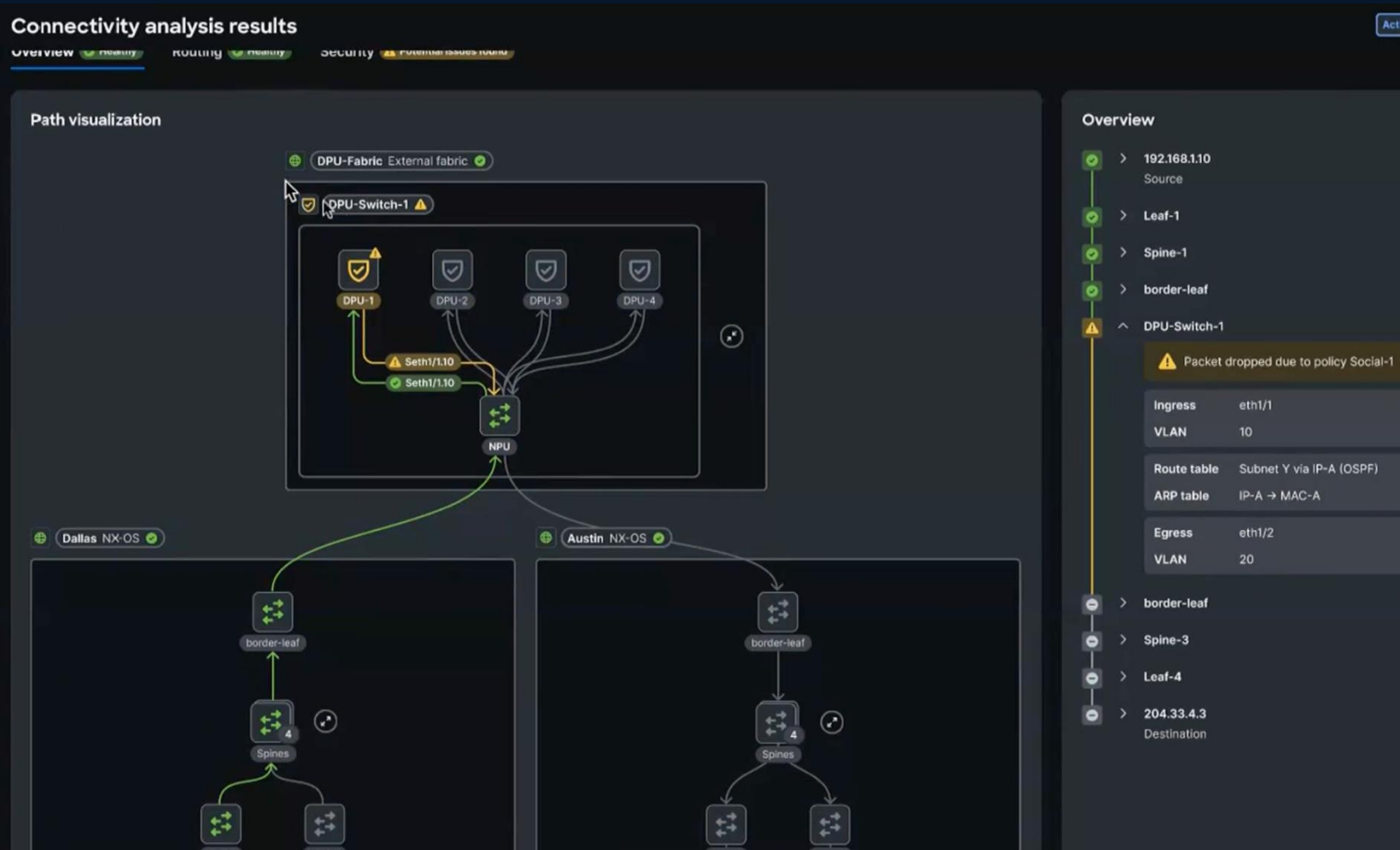
3 Deployment progress

Select switches

The list of switches includes only those with hypershield connectivity status that have not been onboarded.

Switch	Hypershield connectivity status	Hypershield integration name	Model	IP address	Serial number	Role
<input checked="" type="checkbox"/> smart-switch-101	Not onboarded	Hypershield_B	N9324C-SE1U	10.30.12.15	FCH1809V181	Leaf
<input checked="" type="checkbox"/> smart-switch-102	Not onboarded	Hypershield_B	N9324C-SE1U	10.30.12.16	FCH1809V183	Leaf
<input checked="" type="checkbox"/> smart-switch-103	Not onboarded	Hypershield_B	N9324C-SE1U	10.30.12.17	FCH1809V184	Leaf

Hypershield Packet Tracing



Connectivity Analysis enhancement

- See path taken by packets filtered through DPUs in Smart Switches
- Identify specific DPU and interfaces
- See what specific policy resulted in packet drops at DPU

Nexus Data Broker Integration

The screenshot displays the Nexus Dashboard 4.2 interface for NDBfabric configuration. The top navigation bar includes 'Overview', 'Inventory', 'Connectivity', 'Configuration policies', 'Anomalies', 'Advisories', and 'History'. The 'Connectivity' section is active, showing sub-sections like 'Interfaces', 'Interface groups', 'Links', 'Connections', 'Span sessions', 'Packet filters', 'Span destinations', 'User defined fields', and 'Global config'. The 'Interfaces' sub-section is selected, showing a table of interfaces with columns for Name, Interface, Type, Status, and Health. One interface, 's161_p11_Monitor_tool_port', is listed with a 'Link-Down' status and 'Healthy' health.

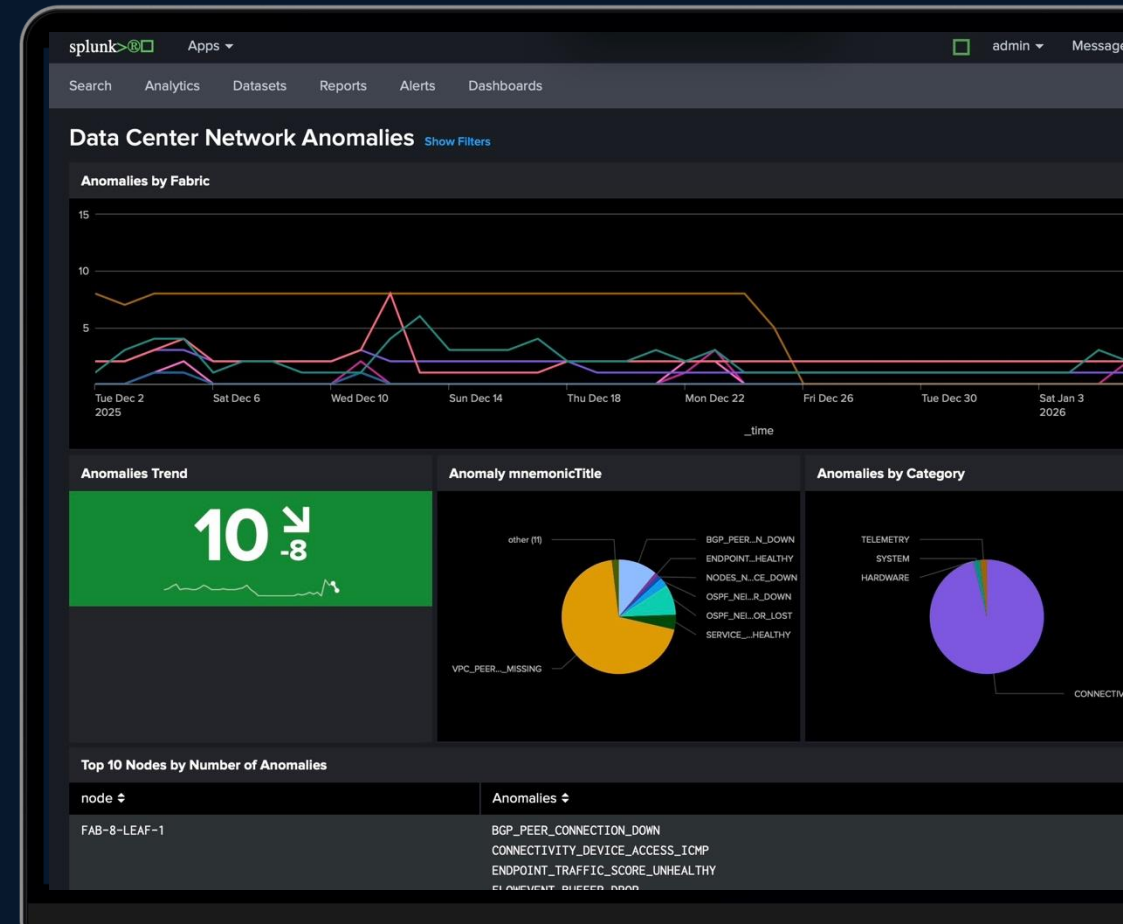
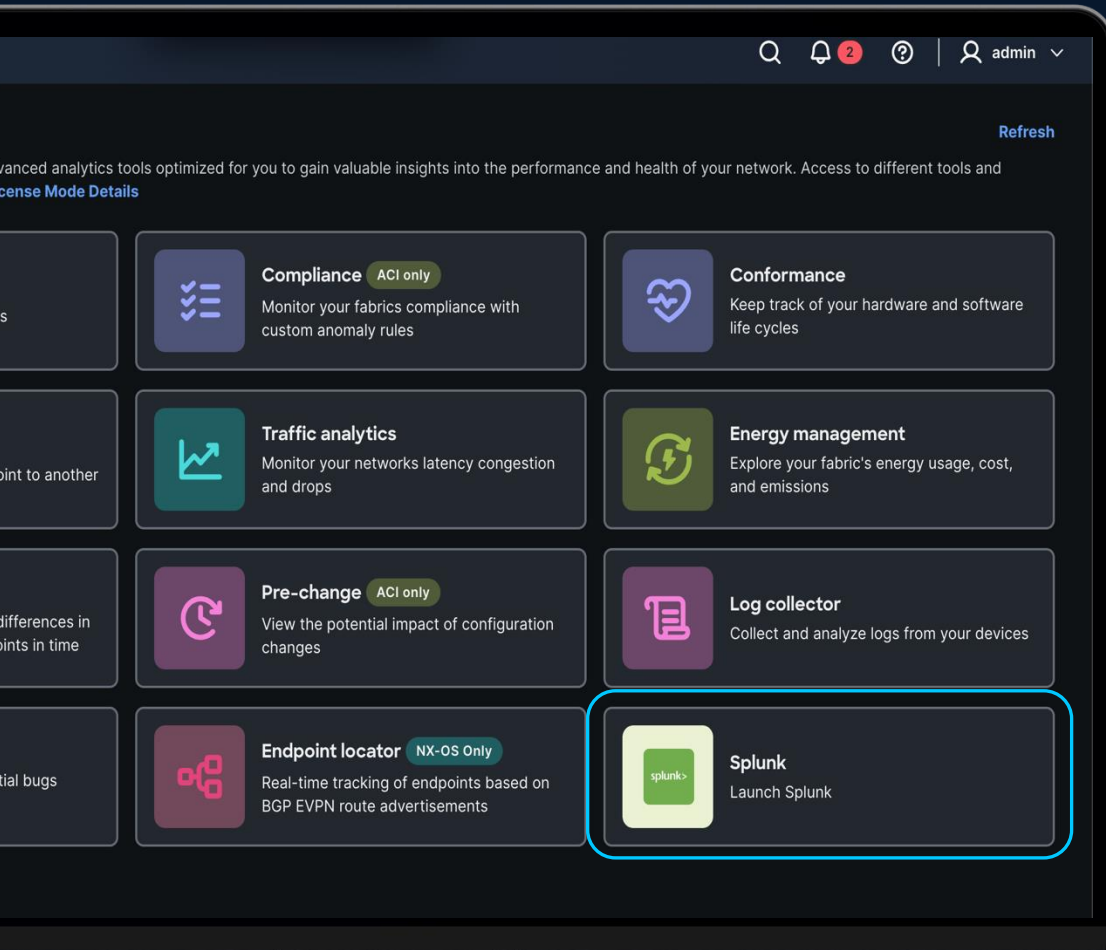
The second screenshot shows the 'Packet filters' sub-section, displaying a table of filters with columns for Name, Bidirect..., Ether type, In use, Default, Protocol, Advanced filter, Created by, and Modified by. The table lists four filters: 'Default-Match-ICMP-All', 'Default-Match-IGMP', 'Default-Match-IP', and 'Default-Match-MPLS'.

Name	Bidirect...	Ether type	In use	Default	Protocol	Advanced filter	Created by	Modified by
Default-Match-ICMP-All	No	IPv6 (0x86DD)	Yes	Yes	ICMP(1)	-	admin	-
Default-Match-IGMP	No	IPv4 (0x0800)	Yes	Yes	2	-	admin	-
Default-Match-IP	No	IPv4 (0x0800)	No	Yes	N/A	-	admin	-
Default-Match-MPLS	No	MPLS (0x8847,0x8848)	Yes	Yes	N/A	-	admin	-

Refactored NDB controller running as service on Nexus Dashboard 4.2

- New ND fabric type: NDB Fabric
- Automatic NDB Device configuration
- ND UI screens for:
 - Input & Monitor ports
 - Connections
 - SPAN destinations
 - SPAN sessions
 - Packet filters
- APIC controller integration
- NX-OS Production switches, DNAC and Catalyst integration, Tap Devices and Device Groups coming in future release

Native Splunk Analytics on pND (Single-Node)



Fabric Designer

Committed

Design your entire network fabric before buying any hardware

Pre-build Configurations and Cable Plan based on Cisco best practices

Supports Data Center VXLAN, Routed, and AI/ML fabric types

Fabric designer settings
Description here

Switches

Spines * Spine model
2 N9364E-SG2-Q
Max spine count: 16

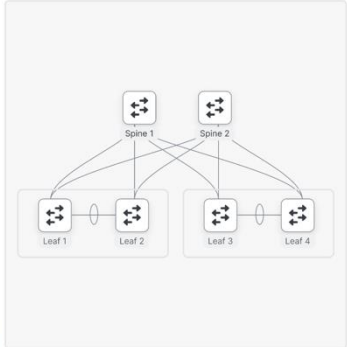
Leaves * Leaf model
4 N9K-C93180YC-FX3
Max leaf count: 256

Management gateway *
192.168.1.1/24

Management IP pool *
10-20

Intra fabric link speed
400G

Other attributes




emo-Fabric

Overview **Designer** Advisories History

Bill of materials **Assembly** Cabling Configurations

Filter

Spine1



PID: N9364E-SG2-Q
• 64-port 800G
• 2x400, and 8x100 breakout
[Datasheet](#)

Required parts

Power supply (2)

Item	Product ID (PID)	Status	Serial number	Quantity
650W AC Power supply	FDO22-3842GGS	Needed		2

Fan tray (6)

Item	Product ID (PID)	Status	Serial number	Quantity
Catalyst 9500X front...	C9500-FAN-1RU	Needed		6

Optics for assigned ports (2)

Item	Product ID (PID)	Status	Serial number	Quantity
Ethernet1_1	QSFP-100G-AOC3M	Needed		1
Ethernet1_2	QSFP-100G-AOC1M	Needed		1



Complete Configurations



Detailed Cable Plan and Assembly List

Switch Config Reconciliation

Intent reconcile from switch to Nexus Dashboard

Committed

The screenshot shows the 'Deploy Configuration - Core' window in the Nexus Dashboard. It features a progress bar with 'Config Preview' and 'Deploy Progress' steps. Below the progress bar is a search filter and a 'Resync All' button. A table lists configuration details for switch N9k-244-gx, including IP 172.22.31.244, role 'Leaf', and serial number FDO231212T6. The 'Fabric Status' is 'Out-Of-Sync' with 9 lines pending. A diff of '+2 -8 ^3' is shown. The configuration lines are color-coded: red for 'Out-Of-Sync' and green for 'In-Sync'. A 'Reconcile Block' tooltip is shown over a block of configuration lines.

Switch Name	IP Address	Role	Serial Number	Fabric Status	Pending Config	Diff	Status Description	Progress	Resync
N9k-244-gx	172.22.31.244	Leaf	FDO231212T6	Out-Of-Sync	9 Lines	+2 -8 ^3	Out-of-Sync	<div style="width: 100%;"></div>	Resync

Run on-demand incremental sync-up of selected Out-of-Sync configuration commands

Supported only for VXLAN EVPN iBGP Fabrics in 4.2

Only switch global configuration, Host port configuration, ACLs, and Route maps (underlay only) supported in 4.2

AI Fabric Settings

QoS and DLB fine tuning

The screenshot shows the 'AI Configuration' step in the 'Create/Onboard Fabric' wizard. The left sidebar contains navigation options: Home, Manage, Analyze, Admin, and a progress indicator with steps 1-6. The main content area is titled 'AI Configuration' and includes a description: 'These are the recommended settings for configuring the parameters and capabilities of the new fabric.' Below this are several configuration fields: 'AI QoS & queuing policy' (set to 'User-defined'), 'RoCEv2 DSCP' (30), 'CNP DSCP' (50), 'Drop probability (%)' (7), 'Bandwidth remaining (%)' (50), 'WRED minimum threshold (kb)' (1000), 'WRED maximum threshold (kb)' (3000), and 'WRED weight' (0). A 'Dynamic load balancing' toggle is set to 'Enable'. At the bottom, there are 'Cancel' and 'All changes saved' buttons, and 'Back' and 'Next' buttons. A network diagram on the right shows a central AI fabric connected to multiple edge devices.

New AI fabric settings step to automatically apply QoS policies tailored for different networks in an AI cluster

Easily fine-tune your QoS and Dynamic Load Balancing metrics with customizable parameters

Enable mixed mode load balancing to combine ECMP, flowlet, or per-packet algorithms for specific traffic based on DSCP values

Automated BGP pool allocation (For AI and non-AI routed fabrics)

Live Protect Integration

Exploit prevention for Nexus 9300 switches

Committed

Welcome, admin

Refresh

Overview Topology Dashboards

dual-14 at a glance

Anomaly level

Warning ⓘ

19 total warning anomalies, out of which 19 occurred in the last week

19 Total

Advisory level

Warning ⓘ

21 total warning advisories, out of which 21 occurred in the last week

21 active

Security advisories

4 Active advisories

18 Impacted devices

Network infrastructure

2 Fabrics

0 Inter-fabric

19 Switches

2 Active Endpoints

Recent activity

View all

Login successful. roles: super-admin by admin 0 minutes ago

Modify Userpreference: local-admin by admin 5 minutes ago

Login successful. roles: super-admin by admin 16 minutes ago

Updated Security advisories card

Enable and Disable Live Protect feature

Deploy compensating control

Topology view of security advisories and one click deploy

Device Security

Security advisories Topology

Advisories Devices

Filter by attributes

Advisory Id	Title	Advisory level	Status	CVSS	Nodes
<input type="checkbox"/> cisco-sa-nxos-cmdinj-Lq6jsZhH	CSCwh77786:	Warning	Active	4.4	f2-bgw1 View all
<input type="checkbox"/> cisco-sa-nxos-cmdinj-Lq6jsZhH	CSCwh77786: cisco-sa-nxos-cmdinj-Lq6jsZhH	Warning	Active	4.4	f1-bgw1 View all
<input type="checkbox"/> cisco-sa-nxos-psbe-ce-YvbTn5du	CSCwh77780:	Warning	Active	5.3	f2-bgw1 View all
<input type="checkbox"/> cisco-sa-nxos-psbe-ce-YvbTn5du	CSCwh77780:	Warning	Active	5.3	f1-bgw1 View all

Device Security

Security advisories Topology

All fabrics > fab2

Live Protect == Enabled Edit Clear All

Security Overview ⓘ

Advisories 2 Active

Select an advisory to highlight its devices

- CSCwh77780: Warning
- CSCwh77786: Warning

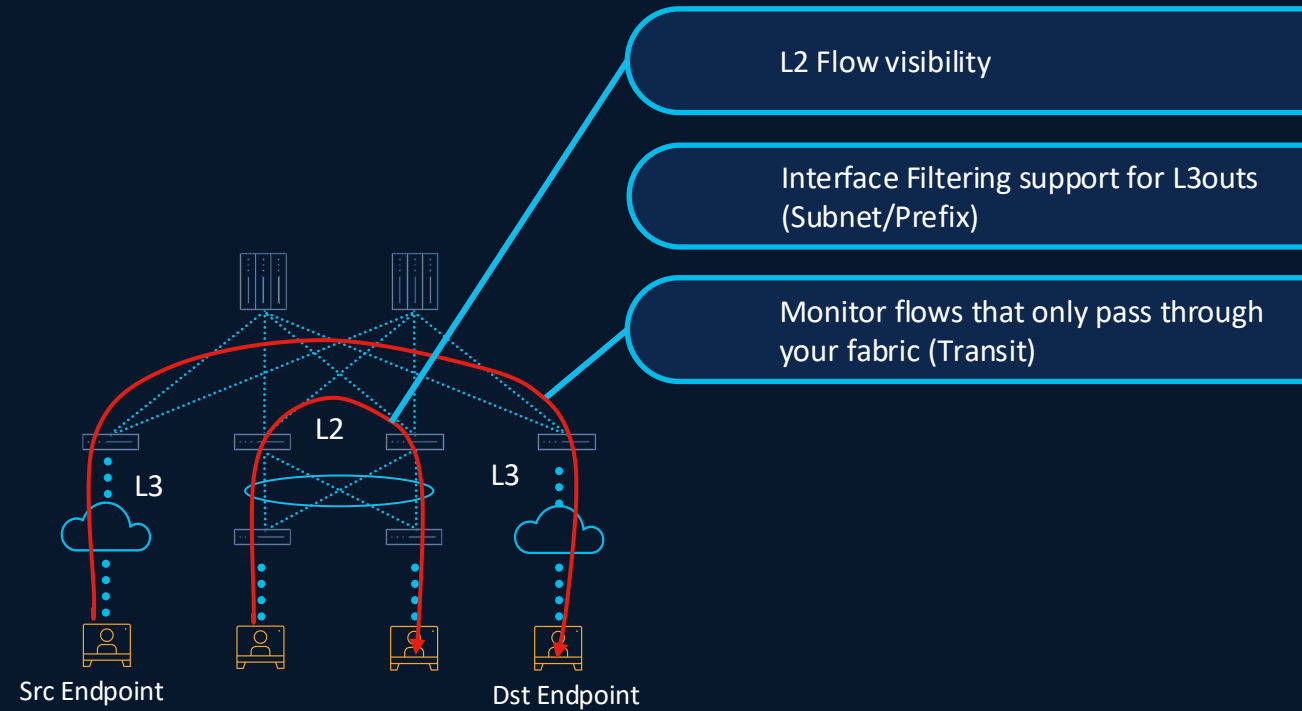
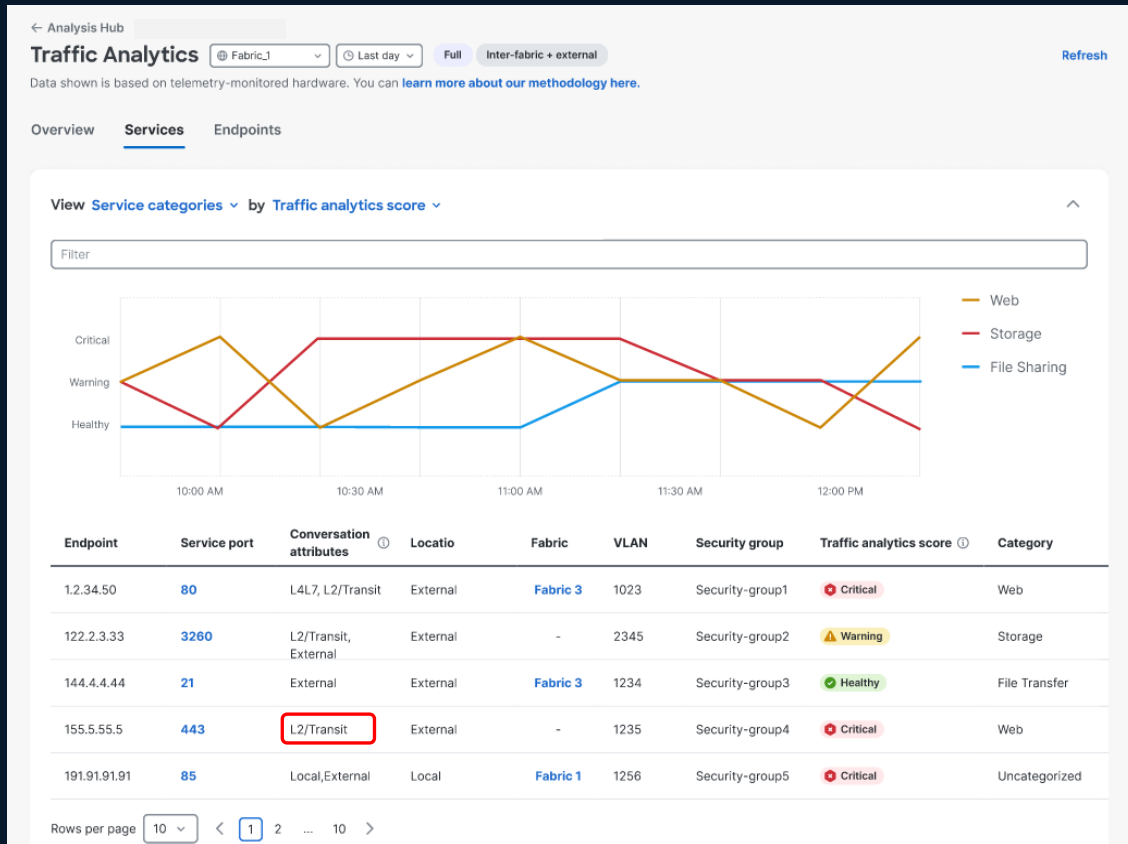
Devices 10 total Deploy Live Protect

Filter by attributes

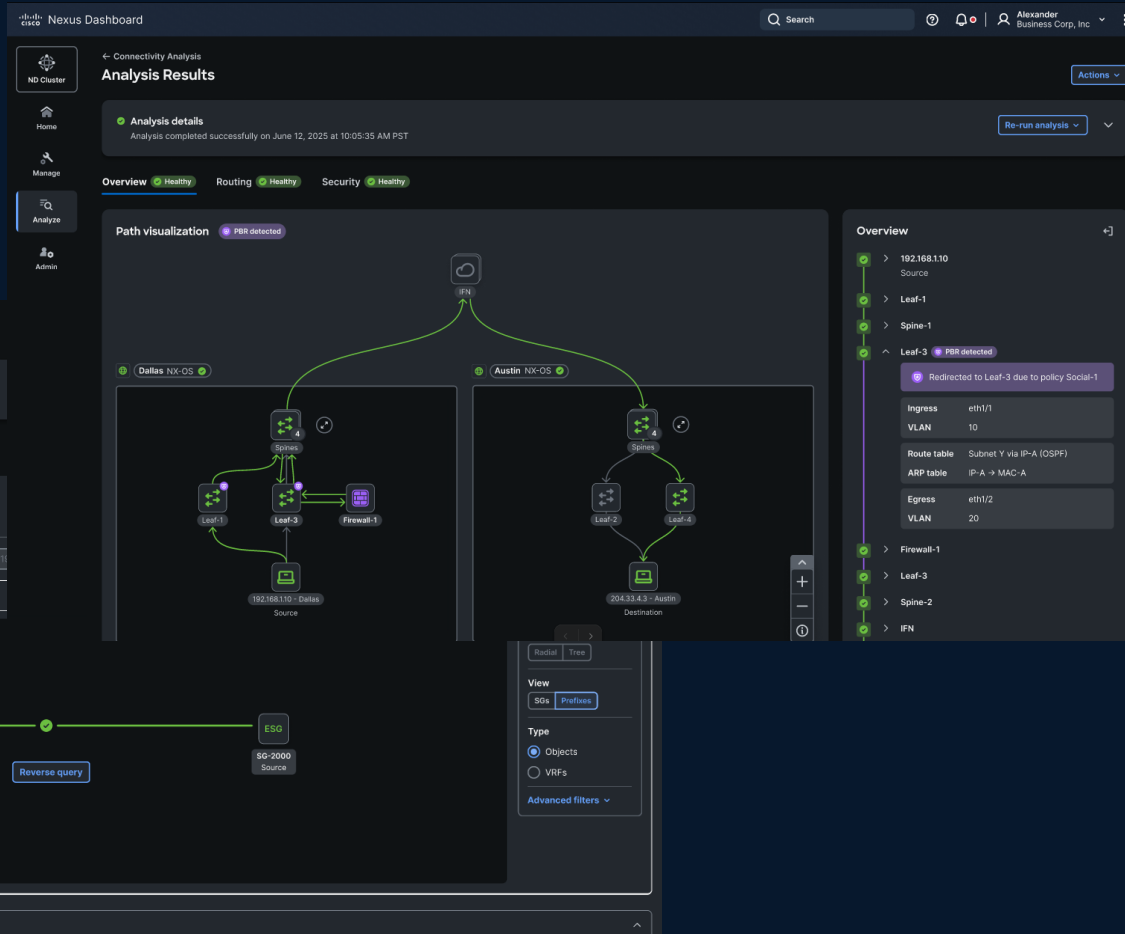
Name	Compensating control
<input type="checkbox"/> f1-bgw1	Available
<input type="checkbox"/> f1-bgw2	Available
<input type="checkbox"/> f1-leaf1	Available
<input type="checkbox"/> f1-leaf2	Partially protected

Traffic Analytics Enhancements

L2/L3 and transit conversation visibility



Connectivity Analysis Enhancements



Expanded multiple sites topology support
(ACI BGW & NX OAM)

Support for PBR redirected L4-L7 flows

Support for Packet Tracer (S1 platforms)

Search and Explore Integration

AI Networking Visibility Enhancements



Enhanced Visibility for AI Fabrics

- **SLURM integration** gives visibility into nodes, jobs, etc.
- **DCGM integration** provides mapping and instrumentation of servers, GPUs and NICs in cluster
- **AI Clusters** (Fabric Group) for Frontend, Backend, Storage, etc.
- **Scalable Units** to group servers and leafs
- **AI Jobs dashboard** ties anomalies to running jobs
- **GPU Heat Map** shows problematic GPUs

Q&A

