

ARISTA

vmware[®]
by Broadcom

bArista → ARISTA: Brewing the Future of Networking



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**ADRIA
FORUM
2026**



ARISTA

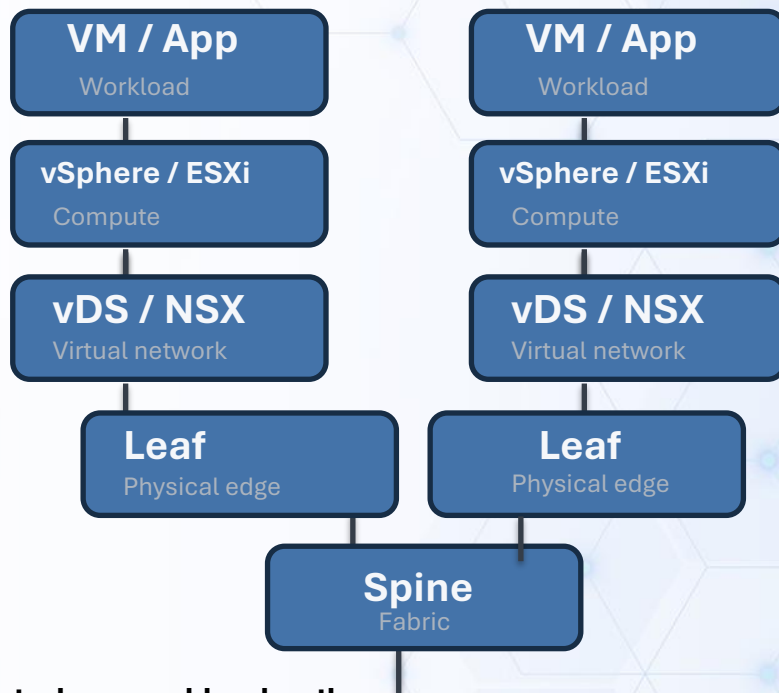
vmware[®]
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SITUATION TODAY:

YOUR VM IS FAST

WHAT ABOUT NETWORK?

What changed? The private cloud became distributed.

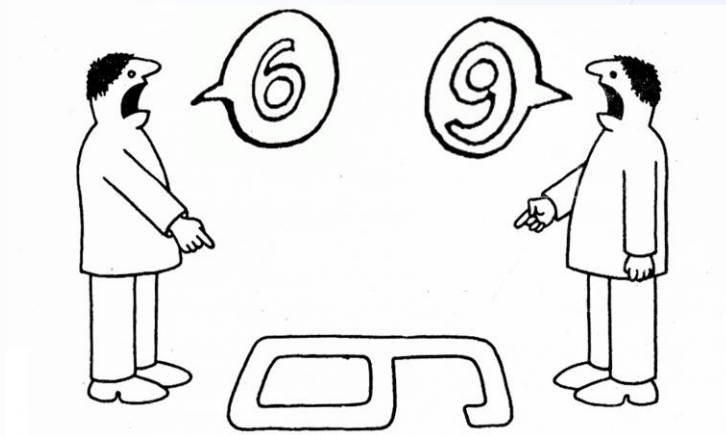


- East-west traffic is now a first-class workload path
- Overlay networks depend on an underlay must be predictable
- The failure domain is no longer “inside the server” or “inside the switch”

Two teams. Two worlds. Two views of the same packet.

VMware view:

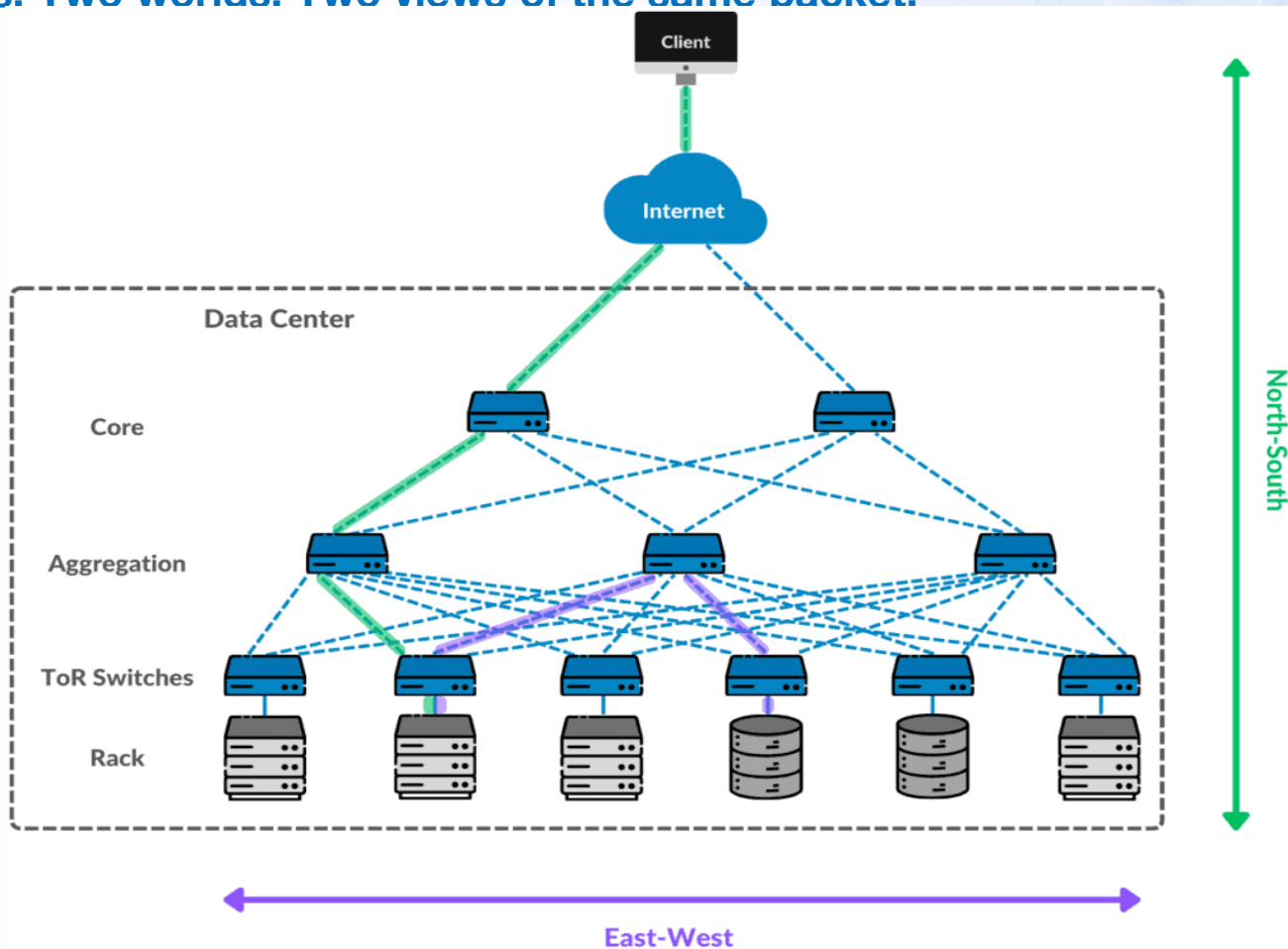
- VM / vNIC / vDS
- ESXi host & cluster
- CPU /Memory / Storage
- Datastore / VM Tools
- NSX segments / Policies



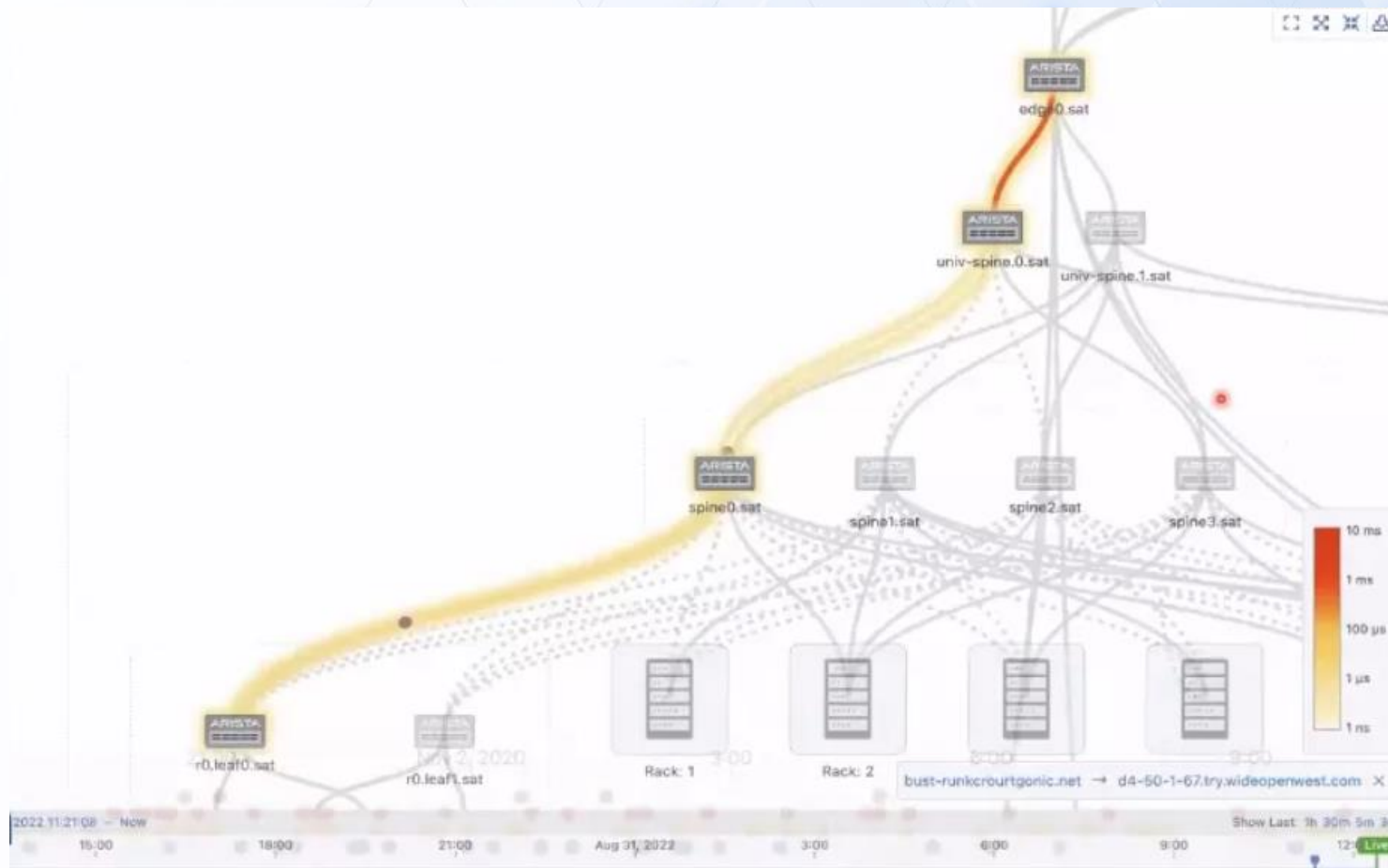
Network view:

- Switch / Interface / VLAN
- VXLAN / BGP / ECMP
- Utilization / Errors / Drops
- Queues / Buffers / Latency
- Flows / Paths / Congestion

Two teams. Two worlds. Two views of the same packet.



Path

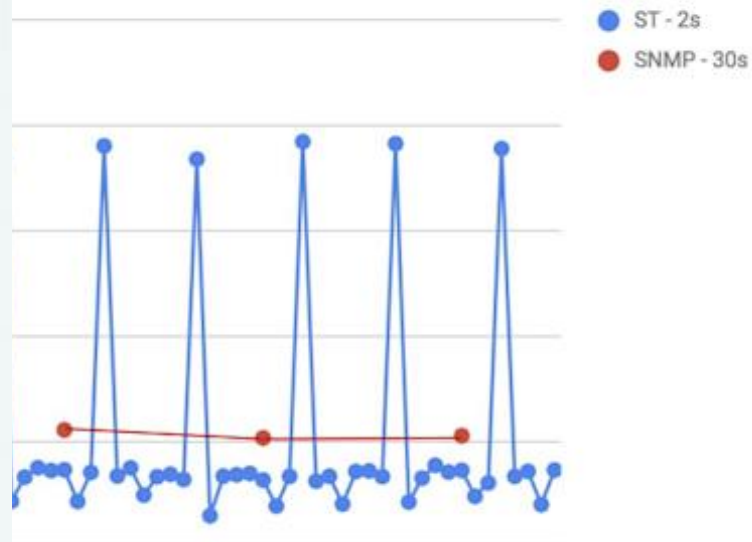


SNMP vs Streaming telemetry

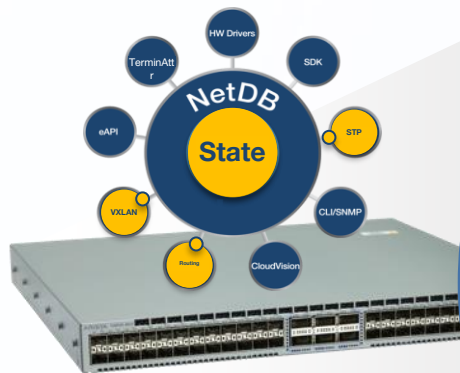
8



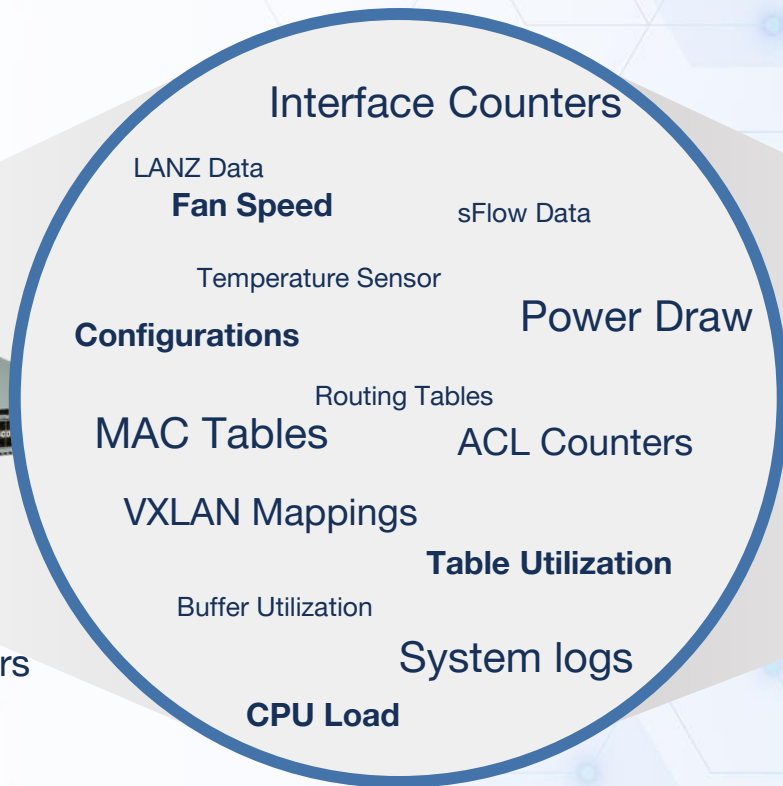
ST vs. SNMP



What is State Streaming?



Every state change triggers
an update...



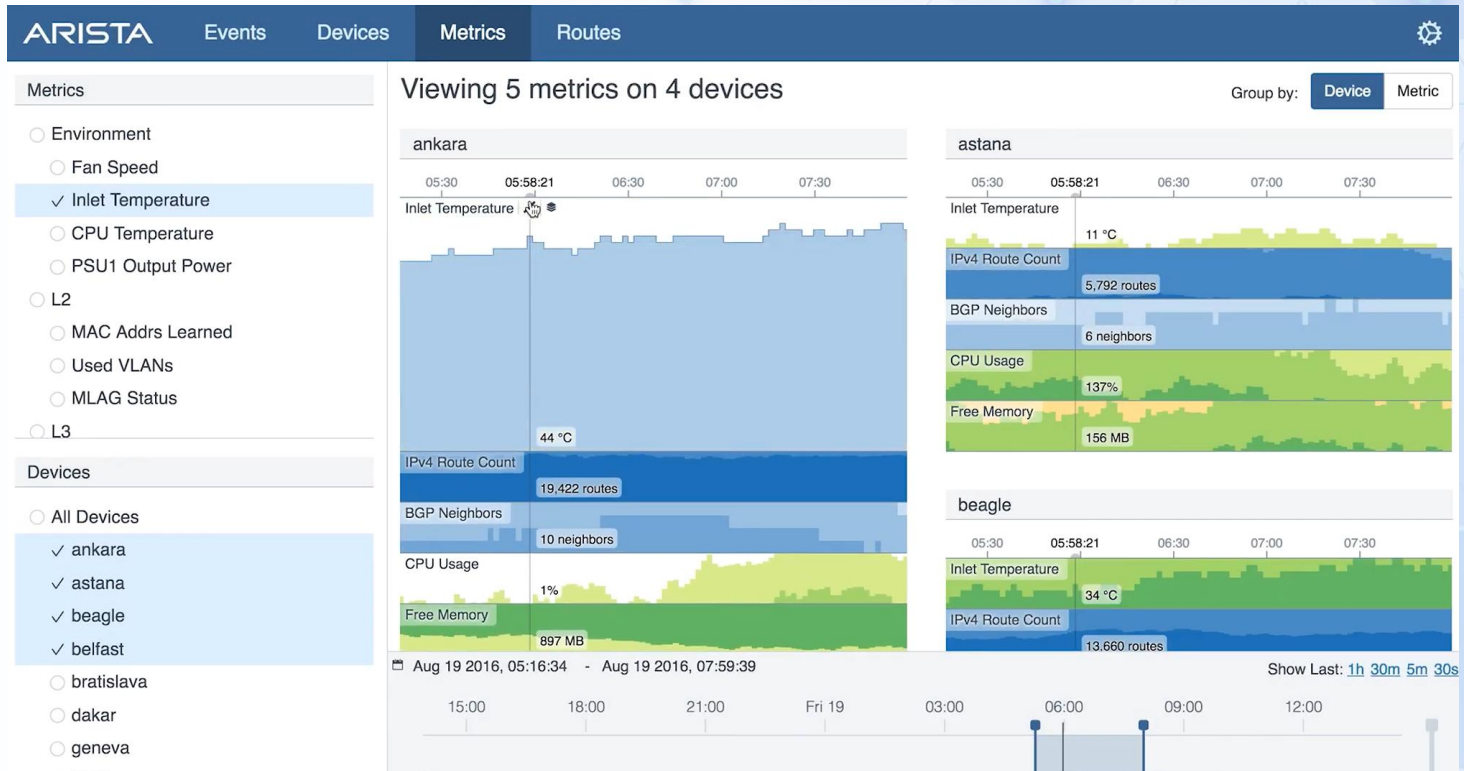
State Streaming



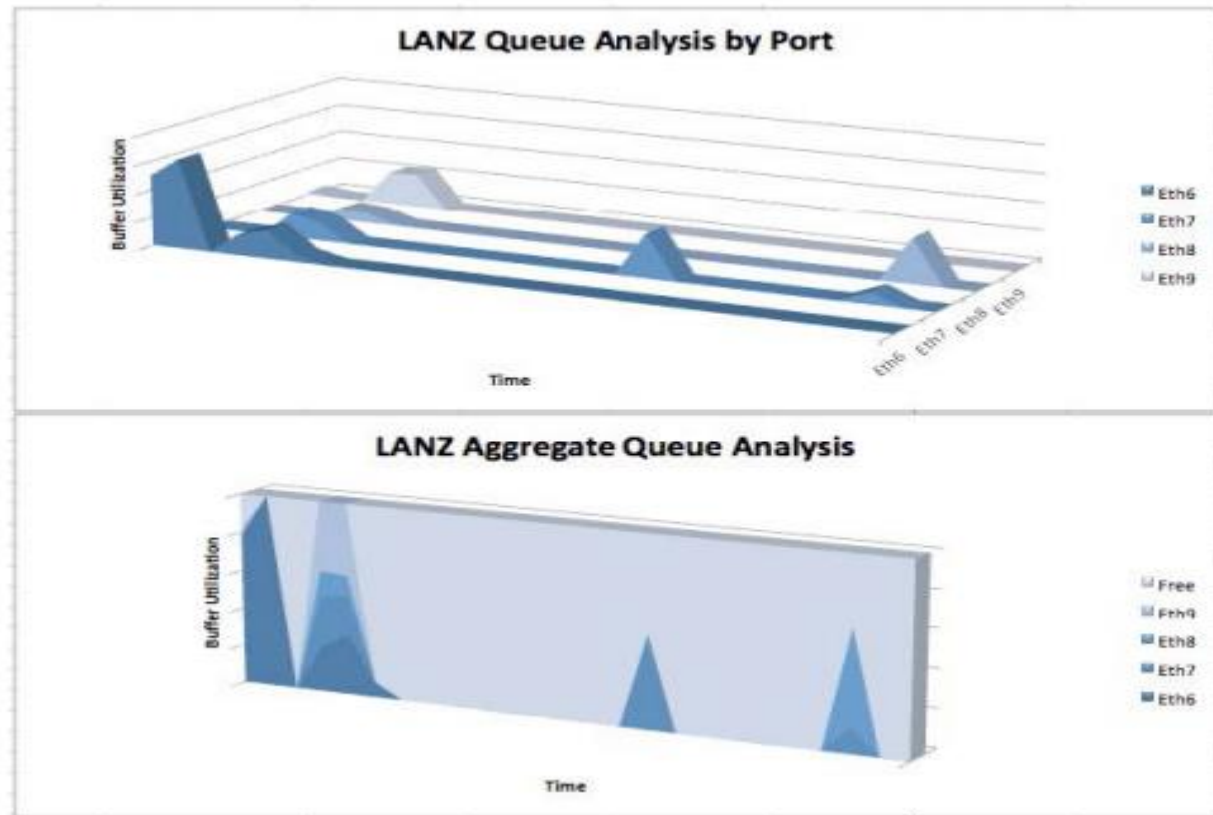
...and streamed to a
central state
repository

Every SysDB state change. From every device. Instantaneously.

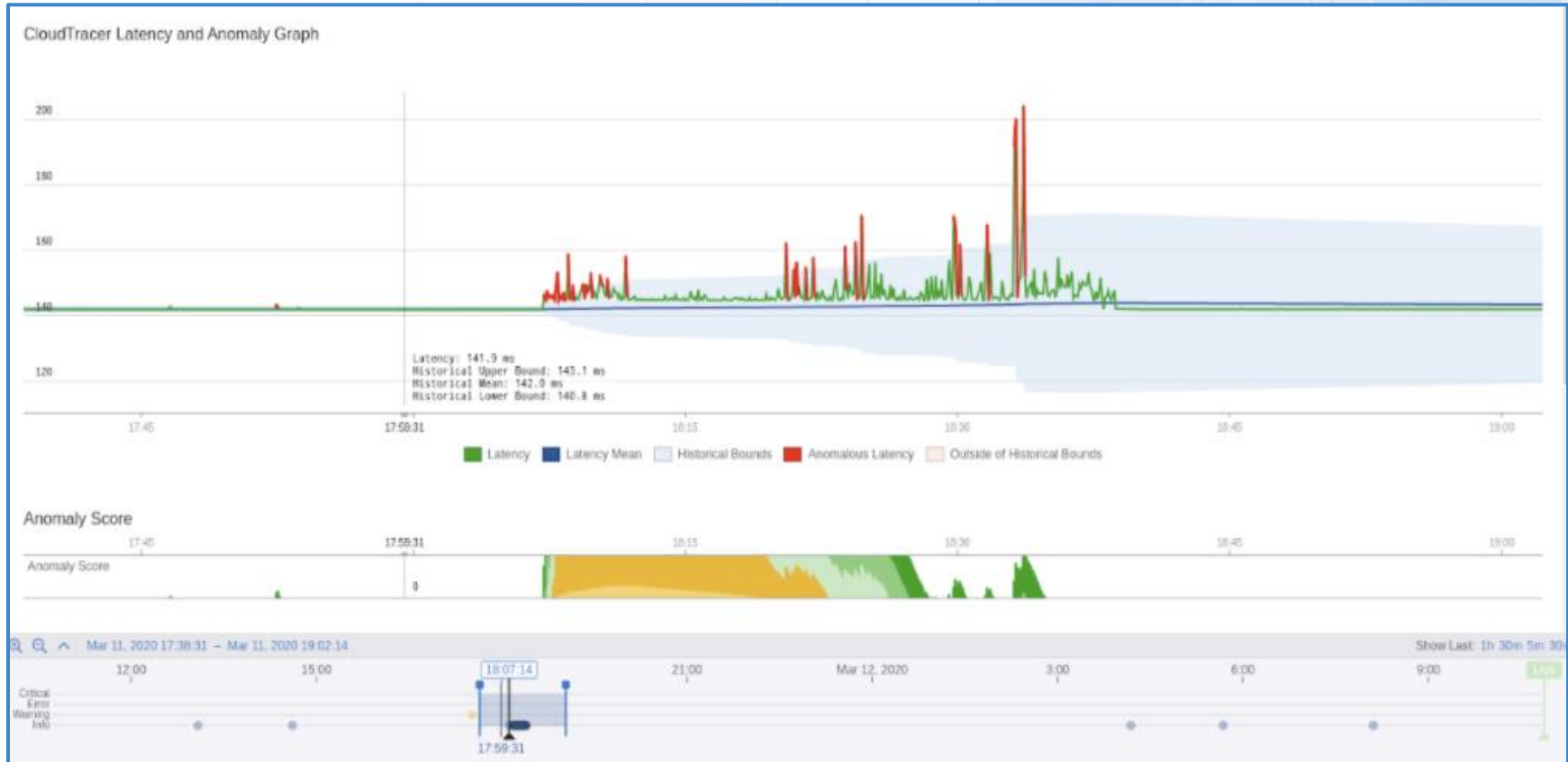
Real time telemetry



Queue telemetry and Latency Analyzer

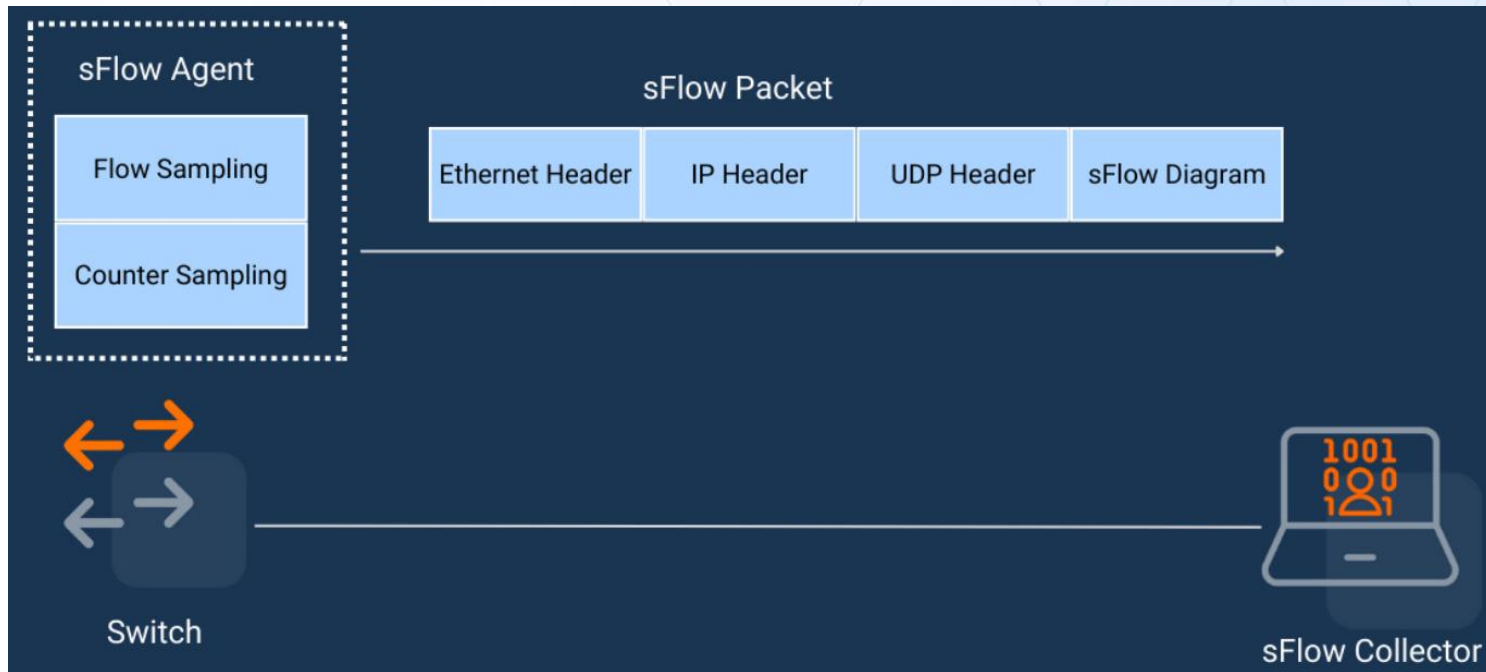


Queue telemetry and Latency Analyzer



sFlow

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NetDL - The Power of Data

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AVA - Autonomous Virtual Assist

Quality of Experience
Proactive NetOps
Network Detection and Response



Other NetDL-Enabled Applications

Third-Party
Ecosystem Partners
Customer Automation Frameworks



AI-Driven AVA

API Access



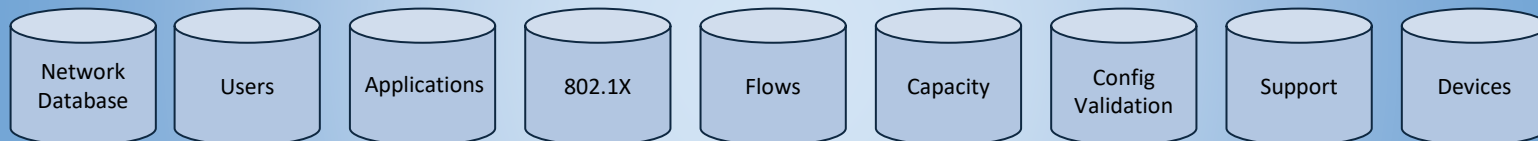
Security &
Identity
Integrations

NetDL

Data & Reporting
Integrations



EOS Network Database - NetDB

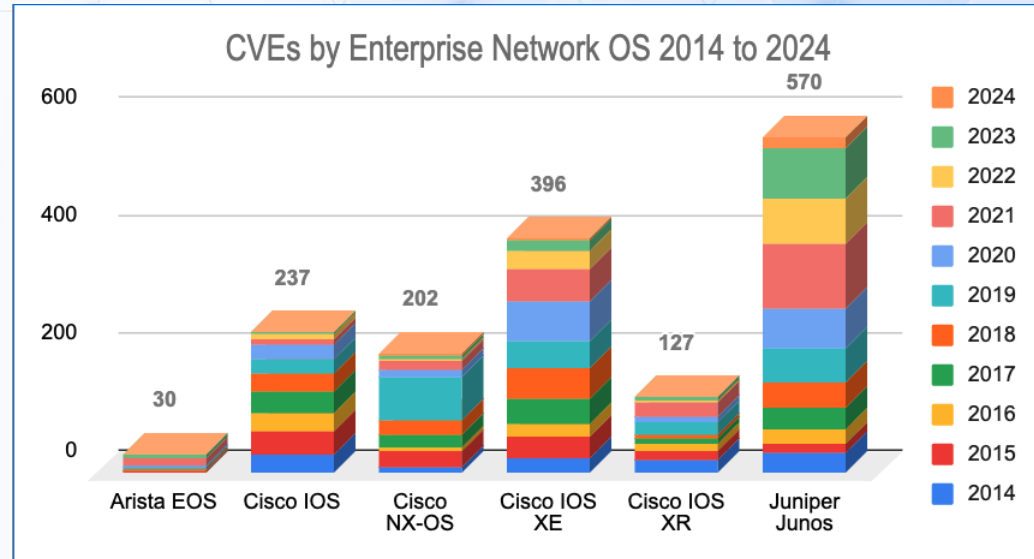


CVEs by Network OS 2014 to 2024

CVE - Common Vulnerabilities and Exposures

- A list of publicly disclosed computer security flaws
- Many require patching...
- ... therefore possible downtime

The more CVEs mean more disruption, out of hours support,



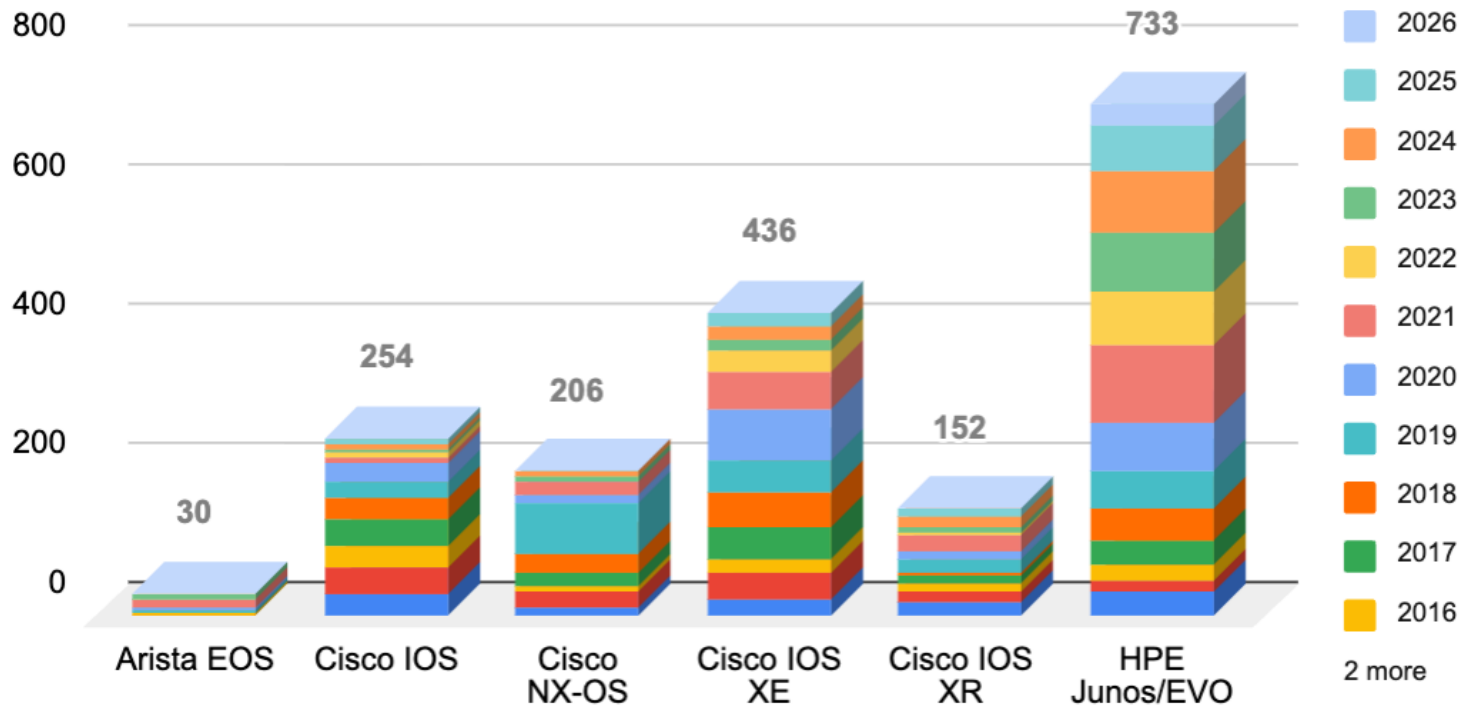
Arista leads in software quality, low defects rates, and minimal vulnerabilities

CVEs by Switching OS ~ 2014 - 2026



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CVEs by Enterprise Network OS 2014 to 2026



CVE Statistics by Vendor (2026)

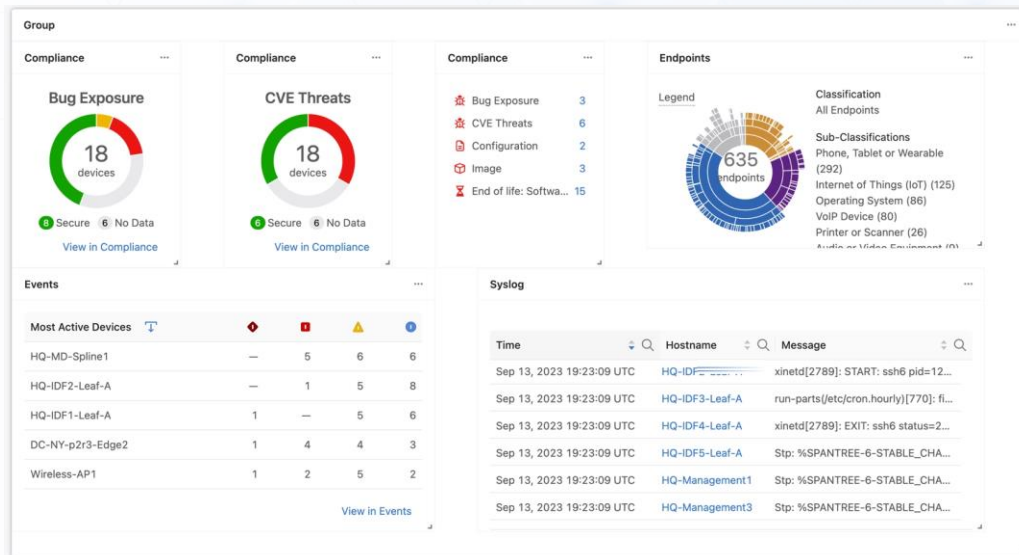
- CVE Statistics by Vendor 2026 — Vulnerability Count & Trends
- Last updated: September 28, 2026 · CVE-2026-* identifiers tracked by CVE Watchtower
- <https://securityonline.info/cve-statistics-by-vendor>

#	Vendor	Share	CVEs	Critical	High	Exploited	Avg CVSS
1	WordPress ecosystem		7214	656	2471	10	6.6
2	Linux kernel		6583	523	2638	3	7.4
3	Microsoft		3888	279	2358	41	7.4
4	Google		3234	346	1206	7	6.9
5	Oracle		3046	579	1534	3	7.5
6	IBM		991	137	483	1	7.3
7	Apple		902	76	219	3	6.7
8	Mozilla		493	179	192	0	8.2
9	Adobe		471	80	122	4	6.8
10	Cisco		331	58	112	15	7.1
11	D-Link		259	53	117	0	7.5
12	Samsung		227	0	27	0	6.0
13	GitLab		184	9	53	1	5.9
14	SAP		162	21	25	0	6.1
15	Palo Alto Networks		79	1	0	2	5.1
16	Atlassian		74	8	29	0	7.3
17	Fortinet		73	12	19	6	6.5
18	Juniper		66	3	28	0	6.9
19	Zoho		48	6	35	0	7.8
20	Ivanti		39	11	22	5	8.2

Arista leads in software quality, low defects

CloudVision

- Centralized Management
- State-Driven Telemetry
- Automated Change Control
- Proactive Risk & Compliance
- Turnkey VMware Integration

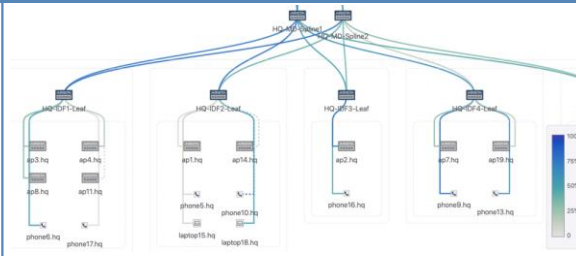


Wired Unmatched Visibility & Troubleshooting

Compliance Dashboards



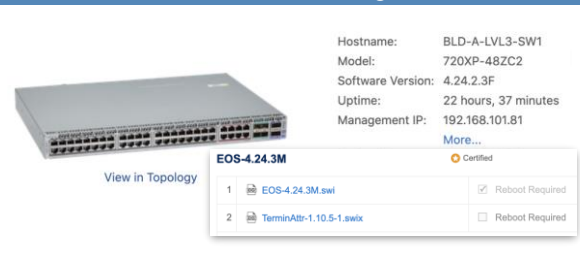
Real-Time Topology Views



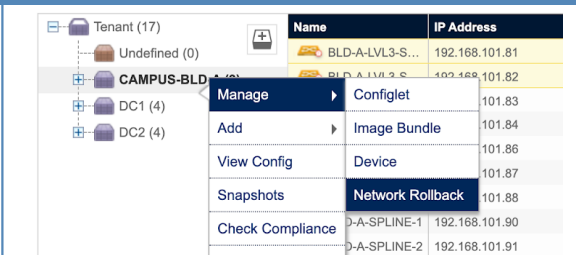
Network-Wide Host Search



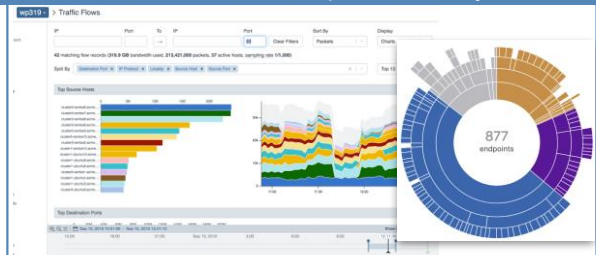
Hitless Patching



Network-Wide Rollback



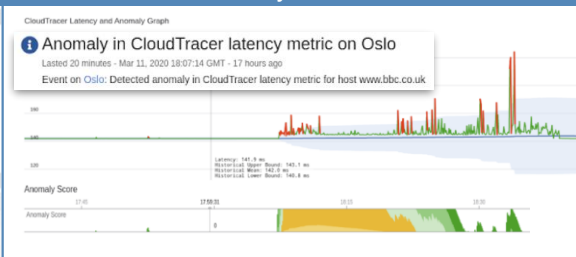
Data Plane & Endpoint Visibility



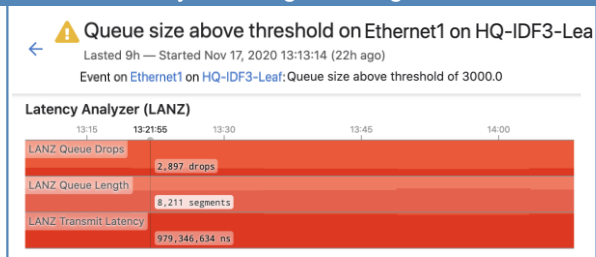
Monitor Real-Time PoE Usage



Anomaly Detection



Early Warning on Congestion



Brewing The Future & AI-Ready Networks

- **AI Fabric Scaling: High-density Ethernet (800G) tailored for ultra-low latency GPU clusters**
- **Autonomous Operations (AVA): AI-driven root-cause analysis and proactive anomaly detection**
- **Cognitive Campus & Wi-Fi 7: High-throughput wireless with dedicated 24/7 security sensing**
- **Built-in Security: Identity-based micro-segmentation and integrated WIPS**

Why Customers choose Arista?



Availability

Reliable software architecture. Reduce planned and unplanned downtime. Proven positive customer experience
#ItJustWorks



#1 Tech Support

World-class one call support. Engineer who answers the call works the case until completion #SuperSupport



Open Standards

Everything is Open Standards Networking, nothing proprietary, works with existing networking infrastructure #AlwaysOpen



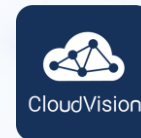
Lower Costs

Lower cost comes from fewer Licensing SKUs. Perpetual Licensing of EOS reduces OPEX and CAPEX spend.
#BestValue



Single OS

Consistent OS across all platforms makes it easy to train, manage, upgrade across network use-cases #FutureProof



Automators Dream

Experience the power of state-streaming for multi-domain automation #Automagic

Arista Key Differentiators

Single OS



Any form factor
Any Place In the
network

Bulletproof
Resilient Arch.



Wired-wireless
shared agent
architecture

Hitless Software
Upgrades



Smart System
Upgrade

Cloud/On-Prem
Network-wide Management



**Unified wired-
wireless** dashboards/
workflows

Integrated Zero Trust
Networking Services



Microperimeter
Segmentation



Threat Detection
Sensors



MACsec

“The best network of the future may be the one you notice the least.”