Myth Busting NVMe-oF

Walter Hinton - Pavilion
The Hype Cycle
NVMe-oF Myth Busting!

NVMe-oF networks are esoteric
The only suppliers are startups
IOPS too slow, latencies too high
It’s not a DAS replacement
It’s unreliable, no HA
NVMe-OF Networks are Esoteric
The only suppliers are startups
Myth – It’s too slow, latencies too high

Over 16 Million IOPS, less than 1 microsecond latency, 0 packet drops, Cisco Nexus 9000 in-house "cloud scale" ASIC and Pavilion Data Systems NVMe-oF/RoCEv2 storage. Thanks to Sundar Kanthadai (Co-founder & VP, Pavilion Data Systems).

Kamal Bakshi – Data Center Technology Evangelist - Cisco
It’s not a DAS replacement
It’s unreliable – No HA
NVMe-oF networks are **NOT** esoteric

Suppliers are startups **AND** incumbents

IOPS are **HIGH**, latencies are **LOW**

It **IS** a DAS replacement with many options

It’s **VERY** reliable, HA is part of distro