Cloud Builders 18

Arista Use Case
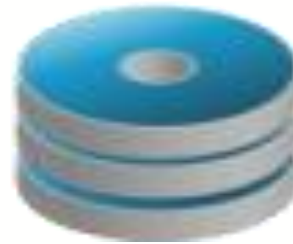
Gerry Lu
Taiwan, 2019

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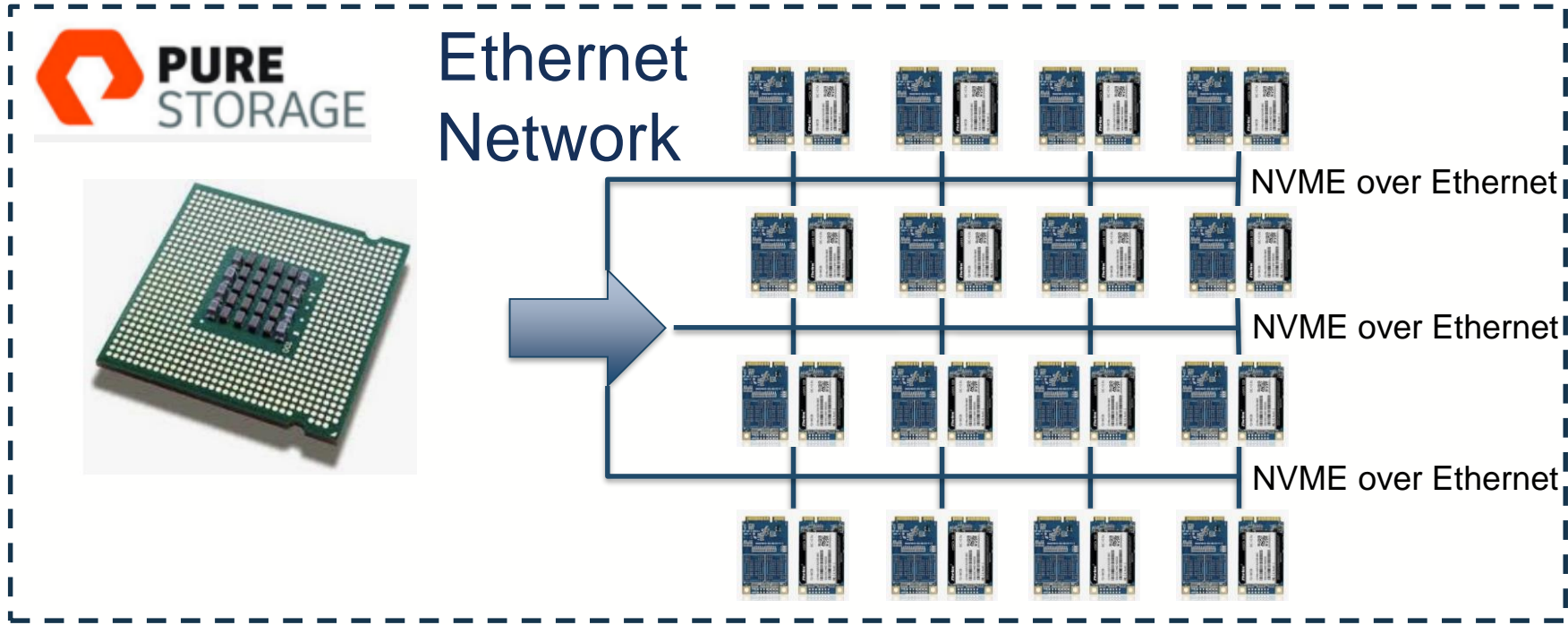# Session Agenda

- IP Storage Network
- EVPN VXLAN Network

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NVME over Ethernet

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NVME over Ethernet

Ethernet Network

NVME over Ethernet

NVME over Ethernet
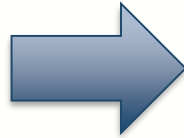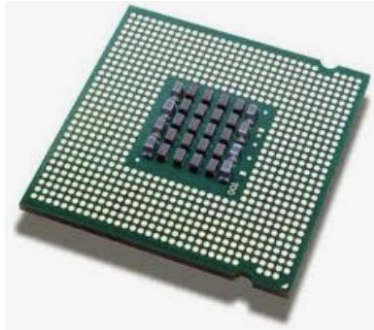
NVME over Ethernet
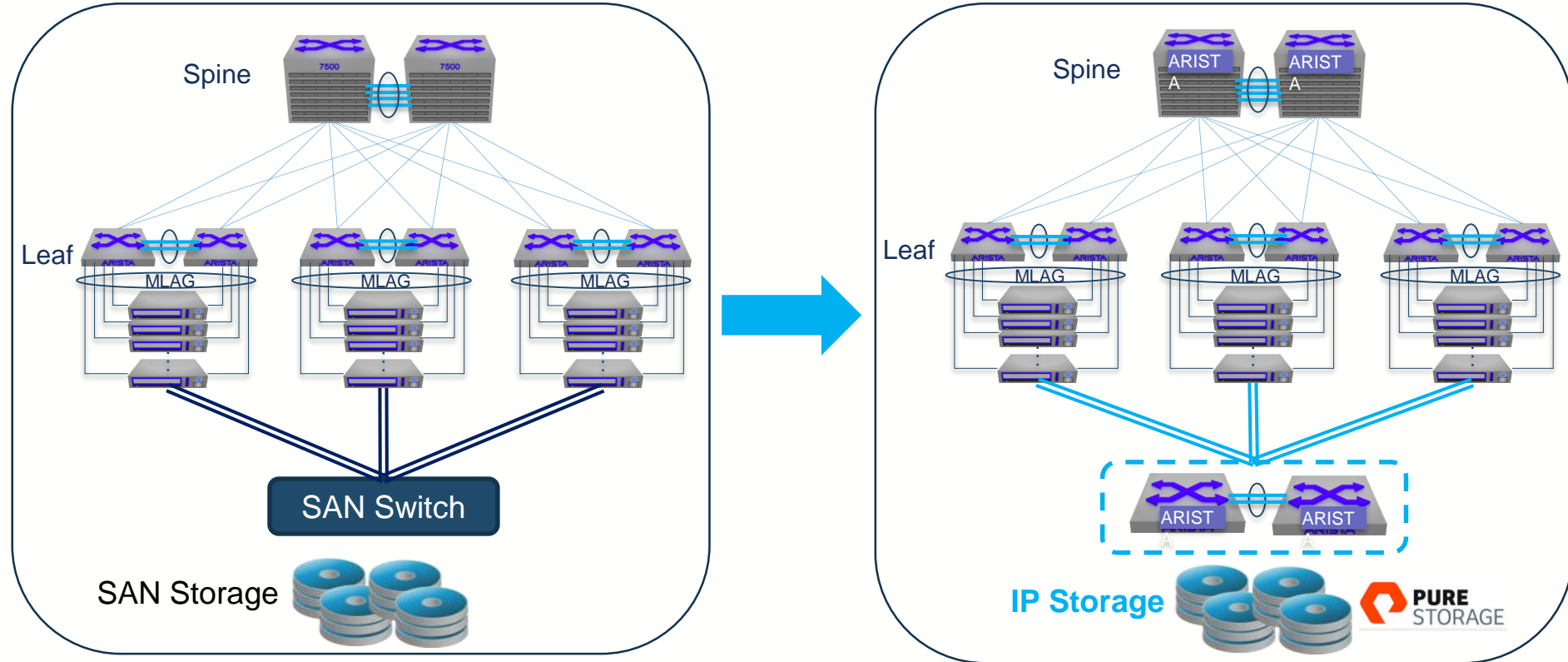
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IP Storage Network

- 7500R and 7280R systems
  - Fixed systems for Storage Leaf Switch
  - Modular and fixed systems for Spine
- Seamless migration from 10G to 100G
  - 25G and 50G for next generation systems

- Arista Architectural Advantages
  - VoQ and Dynamic Deep Buffers
  - Cell based architecture
  - Storage optimized QoS – DCB and PFC
  - Advanced Telemetry for performance monitoring

Dedicated Storage Racks

Dedicated Storage Spine

Converged Storage Racks

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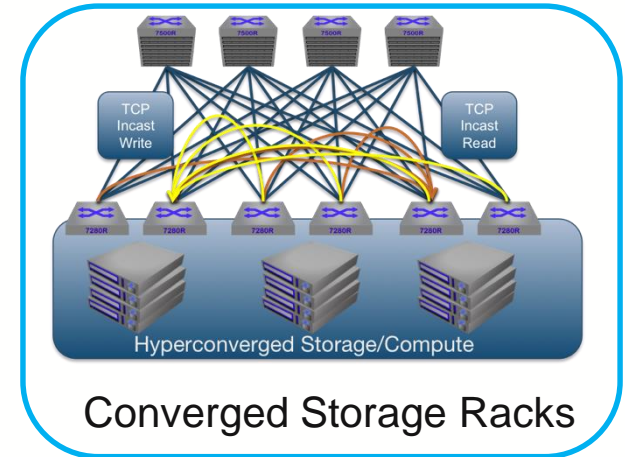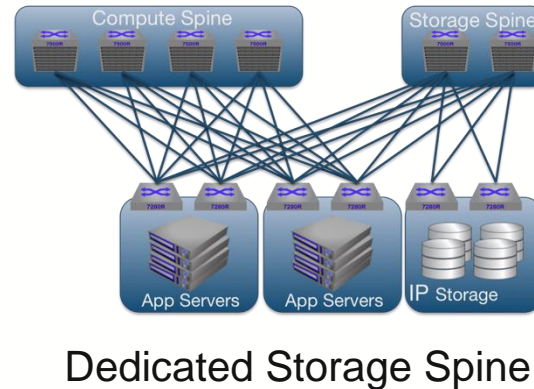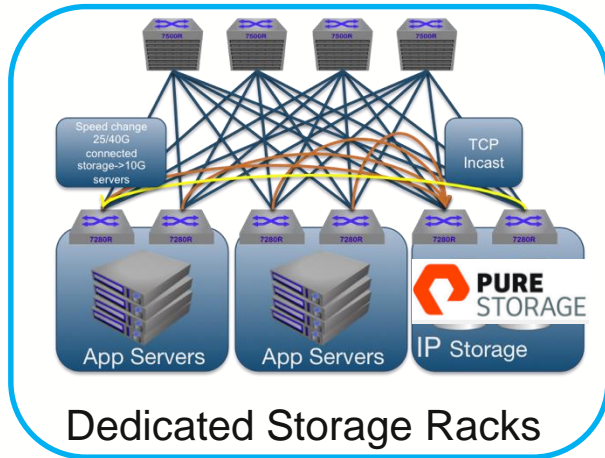
IP Storage Network
SAN to IP storage Transition

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EVPN VXLAN Network (Anycast Gateway)
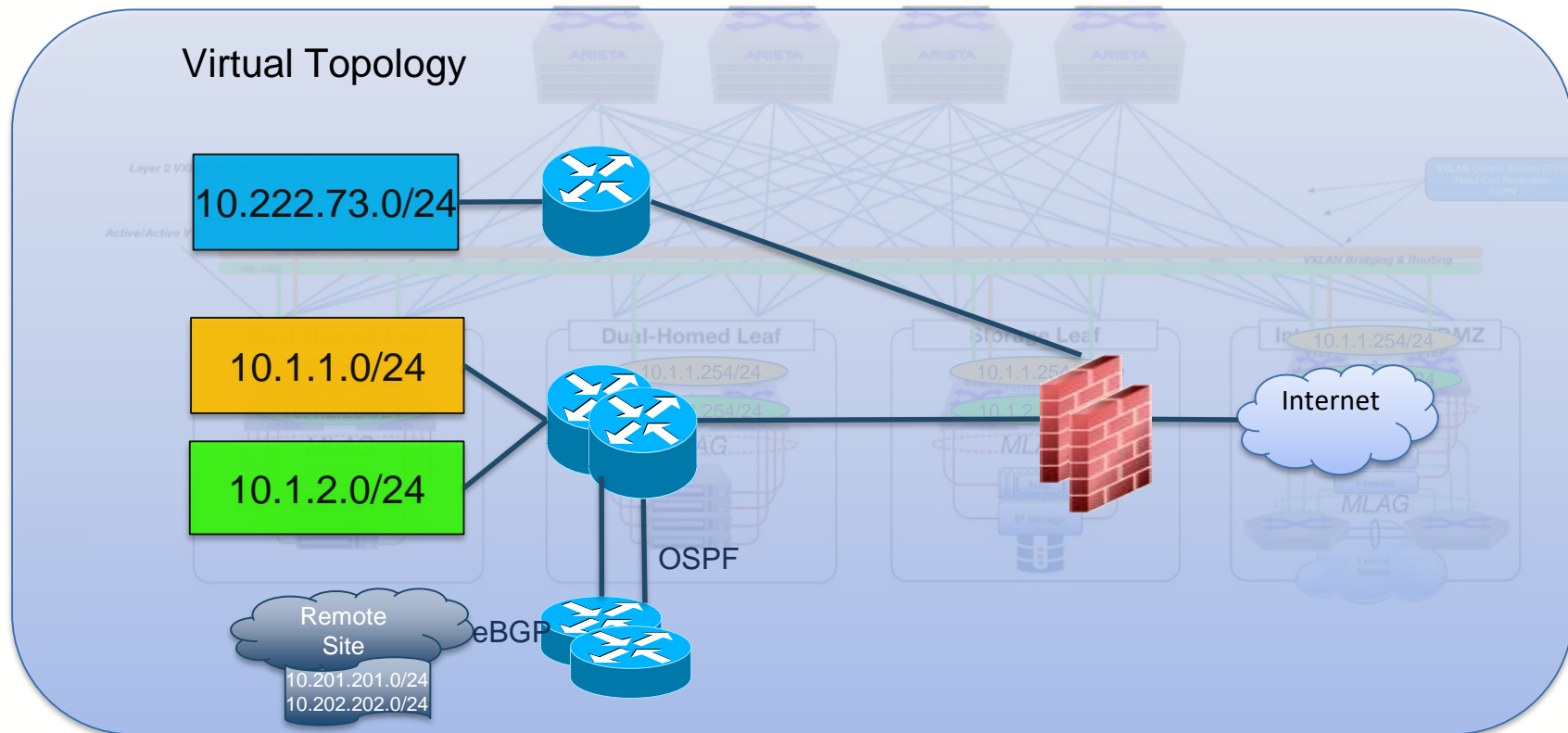
EVPN VXLAN Network (Anycast Gateway)

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EVPN VXLAN Network (Anycast Gateway)

EVPN VXLAN Network (Anycast Gateway)

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Thank You

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