

Adapting Hyperscale Principles for the Enterprise



- Hyperscalers have designed, built, and operated DC networks at unprecedented scale and operational proficiency
 - IBN/SDN
 - Scale-out leaf-spine networks (CLOS)
 - Real-time analytics and visibility
 - Reactive to proactive operations
 - Abstractions and disaggregation
- Enterprises aren't hyperscalers, but DX compels datacenter network modernization
 - Vendor opportunity: **Take hyperscale innovations and repackage them for enterprise consumption, deployment, and day-to-day operation**

Modern DC Networks: All About Applications and Business Outcomes

- Datacenter networking irrevocably altered by cloud
- Journey toward an **autonomous, self-driving network**
 - Simple, declarative management
 - Comprehensively automated
 - Actionable insights from pervasive, real-time visibility (exception-based data triggers) across the distributed landscape
 - Capacity to autonomously detect, troubleshoot, and remediate network-performance and –security incidents
 - Proactive rather than reactive

