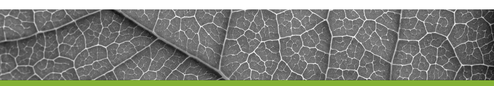
GET SMART: EVPN-VXLAN FOR ENTERPRISES

Enterprises want to deploy modern workloads next to legacy workloads in a way that scales, supports frequent changes, and extends across the distributed enterprise.

EVPN-VXLAN addresses these requirements by:

- Increase service reliability and network efficiency
- Deliver business agility
- Provide multivendor support of open industry standards

BECOME A SUPERHERO—EMPOWER YOUR LEADERSHIP TO LEVERAGE EVPN-VXLAN



INCREASE SERVICE RELIABILITY AND NETWORK EFFICIENCY

Most networks rely on multiple technologies—some proprietary—to support evolving enterprise business requirements. The layers required to scale and extend services create inefficient, costly, and complex environments.

EVPN-VXLAN can help by:

- Enhancing segmentation capabilities
- Improving network resiliency with IP fabric underlay support
- Leveraging ubiquitous enterprise-wide network access
- Delivering scale and control plane efficiencies that limit data plane noise

EVPN-VXLAN simplifies problematic networking behaviors, raising service reliability. Network virtualization based on EVPN-VXLAN provides a flexible operating and architectural model to support expanding services requirements.

DELIVER BUSINESS AGILITY

Without a simple, efficient, and highly repeatable operating model, enterprises will be challenged to satisfy future needs without compromising on lead times, integrated security, and mean time to repair.

EVPN-VXLAN can help by:

- Improving efficiency over a L3 fabric while offering L2 connectivity for virtualized servers between data centers
- Scaling the network on demand without the typical complexity or timeline requirements
- Expanding services such as IoT and WiFi quickly and efficiently in a controlled way, limiting the impact on users
- Evolving the enterprise without stranding workloads running on the network

EVPN removes operational complexity in your infrastructure. Data center operators can create virtualized and automated L2 and L3 networks that meet the needs of both legacy and modern applications on top of the switching underlay. With EVPN, underutilized networking resources can be reassigned rapidly and efficiently to other services in the network.

MULTIVENDOR IS THE FUTURE OF NETWORKING

Network virtualization via EVPN does not depend on a single hardware implementation. This single control plane technology will outlive the hardware and software you deploy today, ensuring long-term stability for network management and operations.

Standard RFCs and open source architectures are designed for interoperability and flexibility. The industry's best and brightest created EVPN-VXLAN to simplify data center and enterprise operations.

Networking vendors included are leading data center switching vendors as Juniper estimates based on Dell'Oro Group 4Q19 Ethernet Data Center report.

STILL NOT CONVINCED EVPN-VXLAN IS THE RIGHT SOLUTION FOR YOU?

VISIT THE SDxCENTRAL GET SMART SERIES TO LEARN MORE.

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