

Layer 2 Interconnects Across Data Centers

This is most often an unwanted outcome because issues, such as infamous Layer 2 loops, in one data center can propagate across and impact the other data center.

This topic provides high-level guidance on various methods available through Equinix Fabric to build a Layer 2 Data Center Interconnect (DCI) between two or more Equinix Fabric locations.

Data center interconnect (DCI) connects multiple facilities through private circuits for disaster recovery, data replication, and workload distribution. Learn the differences between Layer 2 ...

In this article, we'll explore various Layer 2 extension technologies such as Virtual Extensible LAN (VXLAN), Overlay Transport Virtualization (OTV), Multiprotocol Label Switching (MPLS), and ...

ACME Inc. is replacing an existing data center fabric with a next-generation solution. They have two data centers less than 100 km apart and decided to implement a layer-2 interconnect and long ...

Layer-2 DCI is the least desirable data center interconnect solution , as it extends a single broadcast domain (and thus a single failure domain) across multiple sites, turning them into a single availability ...

This document describes the configuration and validation steps for implementing Data Center Interconnect (DCI) using VXLAN stitching in a gateway device. The VXLAN stitching feature enables ...

Cross-Site Interconnect is a unique and compelling solution for businesses seeking reliable, flexible, and transparent connectivity between their global data centers.

VxLAN is a popular choice for extending Layer 2 both intra and inter DC using overlays. Arista offers multiple control plane choices for VxLAN: Static HER, CVX and EVPN. In this article, two ...

Stretching the network space across two or more data centers can accomplish many things. Doing so also presents a challenge, since providing these LAN extension capabilities may have an impact on ...

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