Service Description

The Juniper Networks® Cisco Catalyst CAT-OS and Nexus NX-OS to EVPN/VXLAN IP Fabric Migration service is designed for Cisco CAT-OS and NX-OS customers seeking a managed transition to a new Juniper Networks QFX Series-based IP fabric with Ethernet VPN/Virtual Extensible LAN (EVPN/VXLAN).

This service complements the IP Fabric Design and Deployment service as well as the Juniper Contrail® Enterprise Multicloud Deployment service, beginning with an up-and-running EVPN/VXLAN IP fabric that is ready to accept traffic. This service manages the transition of all Cisco CAT-OS and NX-OS system connections and network functions to the new EVPN/VXLAN IP fabric, removing all dependencies on the Cisco CAT-OS and NX-OS systems.

This service is designed to interconnect and then incrementally migrate all elements from the existing Cisco CAT-OS and NX-OS environment to the new IP fabric. This strategy allows migration phases to be organized in a flexible manner, aligned to customer-specific priorities such as minimal downtime, lower cost, or accelerated completion. Migration phases can also be organized based on a variety of logical and physical parameters such as per-application or per-rack. A Juniper Professional Services consultant will advise on the optimal phasing and grouping of the migration per customer requirements.

Figure 1: Cisco to EVPN/VXLAN IP Fabric Migration service
These services help you...

This...

included as well.

The advanced network visibility provided by Contrail analytics is...

EVPN/VXLAN network using Contrail Enterprise Multicloud as service deploys a new QFX Series-based IP network fabric with Contrail Enterprise Multicloud Deployment Services: new environment to a migration-ready state.

provide a customized and tested EVPN/VXLAN design...

Common Assessments Methodology...

...please see Professional Services Advisory Services...

IP Fabric Design and Deployment Services: These services provide a customized and tested EVPN/VXLAN design...

Contrail Enterprise Multicloud Deployment Services: This service deploys a new QFX Series-based IP network fabric with EVPN/VXLAN network using Contrail Enterprise Multicloud as a controller and automation tool to initially configure all devices. The advanced network visibility provided by Contrail analytics is included as well.

Additional Juniper Professional Services Options

As leaders in data center networking, Juniper Professional Services consultants and engineers are uniquely qualified to assist you in designing, implementing, and optimizing network solutions.

The following consulting services are available to help you plan your new EVPN/VXLAN IP fabric in advance of these migration services.

Advisory and Assessment Services: These services help you build a roadmap for your data center transformation. For more information, please see Professional Services Advisory Services Common Assessments Methodology.

IP Fabric Design and Deployment Services: These services provide a customized and tested EVPN/VXLAN design leveraging automated tools for the rapid deployment of your new environment to a migration-ready state.

Contrail Enterprise Multicloud Deployment Services: This service deploys a new QFX Series-based IP network fabric with EVPN/VXLAN network using Contrail Enterprise Multicloud as a controller and automation tool to initially configure all devices. The advanced network visibility provided by Contrail analytics is included as well.

IP Fabric Testing Service: Before introducing new features, code upgrades, or new applications to an existing IP fabric network, this service can test the proposed changes and identify problem areas or optimizations offline before entering production.

Juniper Services and Support

Juniper ensures operational excellence by optimizing the network to maintain required levels of performance, reliability, and availability. For more details, please visit www.juniper.net/us/en/products-services/.

Ordering Information

To order the Cisco Catalyst CAT-OS and Nexus NX-OS to EVPN/VXLAN IP Fabric Migration service, or for additional information, please contact your Juniper Account Manager.

Exclusions

The scope of this service is for migration only and does not include separately sold assessment, design, or deployment services. If you require additional services from your Juniper Professional Services consultant, please contact your Juniper Account Manager.