



What's New 'Cliff Notes'

Network Edge 1.2

Network Edge is a network functions virtualization infrastructure platform optimized for the instant deployment and interconnection of network services. Users can select, configure, and connect virtual network functions, such as routers, firewalls, and SD-WAN capability, in minutes at the edge.

Bring Your Own Connectivity

Users of the Network Function Virtualization (NFV) platform can create a connection to a network provider for DIA, MPLS, Layer 2, or any other configurations when that provider's/partner's services are not available on the ECX portal. This functionality allows for consistent network connectivity across virtual and physical assets both inside and outside of Equinix control.

As the use cases for Network Edge Services are expanded, especially into SD-WAN, users will require additional throughput from their internet connection or connections to other existing telco services.

Most of those NSPs/ISPs are in the worldwide Equinix IBXs, and are in position to receive and send data from those points to the customer devices. However, many do not participate in the ECX Fabric portal as a seller or have their service routers connected to the ECX platform.

We anticipate ISP or NSP providers who are not on the ECX will prefer to maintain current models of doing business, which is typically to run a cross connect to the cage or TOR of their customer. Since there is no physical equivalent in Network Edge, we will channel these requests through the Cloud Exchange Fabric, but with no expectation that the provider "participate" in the Cloud Exchange Fabric platform.

This feature addresses the ability for an ISP or the NFV user to bring a physical cross connect and have that be the method of connecting to their internet provider.

- **NSP on ECX**

Users of the Equinix Network Edge platform can filter and see a list of NSP connection choices on the ECX that serve MPLS, DIA, Ethernet, and others. They can

also create a connection to it using standard ECX methods, integrating a current and known network method into their edge device.

- **NSP not on ECX (with Current Flow)**

Network Edge customers can create a connection to a network provider for DIA, MPLS, or any other needs when that providers/partners services are not available on ECX. This allows our customers to maintain consistent network.

New Device Vendors

The following new vendors have been added to the supported device list:

- **Cloudgenix**

At our customers' request, Cloudgenix ION 3102 has been added as an additional SD-WAN device option. As designed, the ION 3102 is specifically for data center deployments and can be scaled up to 5G throughput.

Cloudgenix is a well-known vendor in the growing SD-WAN space. The ION family presents a virtual version of the Cloudgenix HW that is deployable on any x86 infrastructure. It includes considerable network intelligence and application overlays to manage the routing capabilities.

Most functions will be done directly from the vendor's portal.

- **Fortinet Firewall Vendor Device**

Users of the NFV platform can select and launch a Fortigate Secure SD-WAN with the VM001 and 02 devices. This functionality allows them to create either a branch or collection point for their own private network.

A new category of device will be added for deployment into the infrastructure for SD-WAN. There are several types of devices, depending on the nature of the enterprise deployment. In general, this will be a branch or data center. Although Equinix centers are more likely to be the "data center" or collection point, the infrastructure is by no means exclusive or limiting. The infrastructure and configuration of the device depends on the companies use case and current solution.

Save a Draft Order

Users who create a device and add configuration details to it can save the device as a draft, instead of immediately executing or provisioning it. This feature allows users to

check details numerous times, and even have others check on the device's accuracy before submitting the order.

Print Order

Some customers are required by their organizations to procure the purchase order (PO) to make a purchase. They need a formal quote document with the product name, part number, and price details for the purchase order processing. This capability allows them to print that quote document from the Network Edge portal, thereby generating a PO number and placing an order via the portal.