CONNECT TO MULTICLOUD WITH VMWARE SD-WAN AND PLATFORM EQUINIX

VMware VeloCloud integration with Platform Equinix® gives you the ability to establish a virtual PoP in any region of the world in minutes, enabling optimized and secure site-to-multicloud connectivity for the best services, compliance, business continuity and vendor flexibility.

Overview

With IT in the cloud, enterprise employees and customers can access different workloads from industry-leading cloud service providers from wherever they are. Efficiently connecting to cloud-based data and applications frees your staff to be innovative and productive, and provides customers with a streamlined user experience. To succeed, organizations need to build their digital infrastructure, whether deployed on private, public or hybrid cloud, to be highly distributed, flexible and scalable.

As more applications move to the cloud, the traditional approach of backhauling traffic over MPLS to a centralized internet gateway via a hub-and-spoke architecture is proving both expensive and inefficient. The latency it introduces negatively impacts user experience.

To support a cloud transition and deliver a fast user experience, enterprise network architects are reevaluating the design of their WAN architectures to find ways to route internet traffic locally and to take advantage of inexpensive broadband internet services, often turning to software-defined wide area networking (SD-WAN).

About VeloCloud

VeloCloud, now part of VMware, simplifies branch WAN networking by automating deployment and improving performance over private, broadband internet and LTE links for today's increasingly distributed enterprises. VMware SD-WAN by VeloCloud includes: a choice of public, private or hybrid cloud network for enterprise-grade connection to cloud and enterprise applications; branch office enterprise appliances and optional data center appliances; software-defined control and automation; and virtual services delivery.

www.velocloud.com

About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects the world's leading businesses to their customers, employees and partners inside the most-interconnected data centers. On this global platform for digital business, companies come together across more than 55 markets on five continents to reach everywhere, interconnect everyone and integrate everything they need to create their digital futures.

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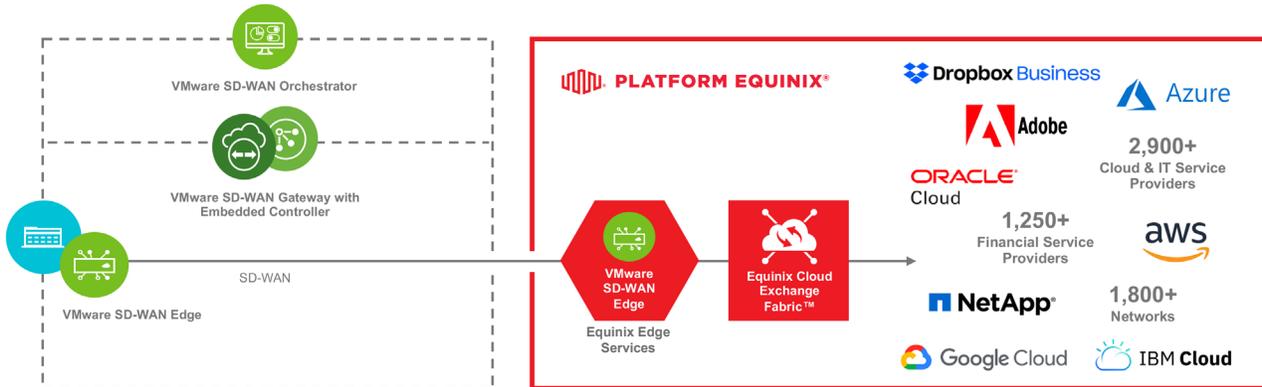
Solution

Deployed on Platform Equinix, Network Edge gives your business the agility to select, deploy and connect virtual network services in minutes where your infrastructure needs them most. The cloud-delivered VMware SD-WAN™ by VeloCloud® simplifies how traffic is steered and provides bandwidth optimization for the branch or other remote sites without the complexity and efforts of MPLS. It gives branch users direct access to applications deployed on public or private cloud through a distributed network of several components: VMware SD-WAN Edges nested in Network Edge, highly available VMware SD-WAN Gateways and the VMware SD-WAN Orchestrator.

VMware SD-WAN simplifies WAN operations with a cloud delivery model that makes it easy to deploy and manage thousands of sites at once. VMware SD-WAN is designed as a transport-independent overlay that can work across any combination of circuits to connect your locations to your applications.

By deploying virtual edges on Equinix Cloud Exchange Fabric® (ECX Fabric®), your business can keep application traffic fully secure across the network, bringing services and controls closer to customers, employees, partners and ecosystems.

Features

VMware SD-WAN on Equinix Network Edge enables fast and optimized one-to-many connectivity between the user's location and applications deployed by multiple cloud providers.

Site-to-cloud path optimization
Cuts latency, provides preintegrated connectivity with multicloud

Fast and private connectivity
Connects users across regions, with real-time link monitoring and remediation

Simplicity and agility
Simple deployment, easy to manage, flexible

On-demand insights
Monitors network and application performance

Benefits

The integration of Platform Equinix and VMware SD-WAN delivers predictable performance with the best implementation of cloud applications.

Cloud connection to multiple services
Start with VMware SD_WAN Edge on Equinix Network Edge to connect your locations to industry-leading service providers via ECX Fabric.

Fast access, effortless management
Select, configure and connect VMware SD-WAN Edges with Equinix Network Edge closest to users, clouds and networks in minutes, not months. Manage and monitor with the VMware SD-WAN Orchestrator.

Secure traffic across regions
Deploy virtual edges on ECX Fabric to keep application traffic fully secure across the network, with additional Equinix, VMware and your desired third-party security solutions.

Optimized network performance
VMware SD-WAN Edges implement Dynamic Multi-Path Optimization (DMPO), enabling real-time monitoring, packet steering and link remediation on the links connecting them with other edges.

One-stop management and insights tool
Use the secure and scalable web-based central management tool for simplified configuration, provisioning, logging and reporting, and get real-time performance insights.

Simple configuration with Equinix Marketplace
Configure and deploy the VMware SD-WAN Edges on ECX Fabric via Equinix Marketplace in minutes, for easy management and monitoring by the VMware SD-WAN Orchestrator.

More Information

Learn more about this joint VMware and Equinix solution at Info.equinix.com/VMwareVeloCloud.html.

The global interconnection platform for a cloud-first world

Globally deploy your infrastructure and services wherever opportunity leads. Directly and privately interconnect to your most important clouds, services and networks. Activate edge services on demand to scale for success. On Platform Equinix®, you'll reach everywhere, interconnect everyone and integrate everything you need to create your best future. Get digital ready with Equinix.