

Statement of Direction for Cisco Nexus 1000V Platform

Cisco is committed to delivering innovations in virtual switching and is continuing its investment in the Cisco Nexus[®] 1000V platform. Cisco Nexus 1000V Switch revolutionized the virtual switching industry and software-define networking (SDN) with the launch of industry's first third-party virtual switching solution six years ago. Today, more than 12,000 customers' mission-critical applications depend on Cisco Nexus 1000V platform products. The platform's robust feature set has enabled customers to evolve their data center operations by providing a consistent operational experience across their virtual and physical infrastructure.

As customers proceed to transform their data centers, the Cisco Nexus 1000V platform will for the foreseeable future continue to provide the foundation. Cisco offers choices to its customers depending on where they are in this process:

- For customers evolving from a virtualized data center to a private cloud, Cisco[®] Virtual Application Cloud Segmentation (VACS) Services provides multilevel microsegmentation to keep applications and tenants isolated. The Cisco Nexus 1000V Switch is the main component of VACS. VACS is the zero-trust security solution within Cisco ONE[™] Enterprise Cloud Suite (ECS). ECS enables customers to automate multivendor physical and virtual infrastructure, build self-service portals with the stack designer, logically segment applications, and securely move to a public cloud. The solution provides a consistent operational model across a heterogeneous environment.
- For customers using Cisco Application Centric Infrastructure (Cisco ACI[™]), the Cisco Application Virtual Switch (AVS) - based on the Cisco Nexus 1000V Switch - provides distributed firewalls and other functions for Cisco ACI architecture. Cisco ACI is a policy-based automation solution that supports business-relevant application policy language and provides greater scalability through a distributed enforcement system and greater network visibility.
- For customers seeking a hybrid cloud solution, Cisco Intercloud Fabric[™] provides a secure data center extension to the public cloud. Cisco Intercloud Fabric builds on Cisco Nexus 1000V technology to create a secure tunnel to the cloud and provide an east-west firewall in the public cloud.

Therefore, no matter which technology customers adopt in their data centers, they can continue to use and harness the operational model and core skill sets developed for the Cisco Nexus 1000V platform. The Cisco Nexus 1000V will continue to be supported on the VMware hypervisor beyond VMware vSphere Release 6.0 as well as on other major hypervisors. Customers should upgrade their Cisco Nexus 1000V software to the latest version as they upgrade their VMware or other hypervisor environments.

For more information, please contact your Cisco representative.




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