F5 Reference Architecture for VMware NSX

The integration between the F5 management platform and VMware NSX extends VMware’s software-defined data center strategy to include F5® Software-Defined Application Services,™ delivering interconnected automation for all network and application layer services.

Executive overview

With application architects and operations staff often feeling as though the network is not enabling but preventing them from achieving business goals, the way organizations deploy networks needs to change.

An integrated solution from F5 and VMware drastically improves time-to-market and change response times for applications and services, wherever they reside.

Key benefits

· Eliminate inhibitors to the rapid deployment of applications and services, freeing resources for strategic projects.
· Create an agile environment able to react swiftly to unforeseen circumstances.
· Apply a reliable, repeatable, and scalable solution for the automated, consistent delivery of performance, availability, and security services.

The Joint F5 and VMware Solution

Gain the Agility to Innovate

Existing network architectures are too complex and brittle to withstand the demands being placed upon them, severely limiting the speed of innovation while increasing management costs. Change is required to speed the deployment of new applications and services, eliminate downtime due to unforeseen increases in workloads, and speed recovery from disaster.

A software-defined data center (SDDC) architectural approach meets today’s business expectations, helps organizations transform data center economics, and increases application deployment agility. The joint F5 and VMware solution derives from a symbiosis across all elements of data center networking and application delivery architecture, increasing the velocity of your business.
The F5 and VMware NSX Deployment Scenario

Key features

· Faster time-to-market
· Faster time-to-change
· Faster return on development investments
· Fewer points of failure to reduce implementation risk

Streamline management at the network and application layers

The integration of the F5 BIG-IQ™ management platform and VMware NSX reduces deployment times for all aspects of data center networking, including lower level switching, routing, and network firewaling as well as application layer acceleration, security, and availability services. This approach eliminates network barriers to application deployment and management, enabling the network and its application services to better meet expectations for application delivery today.

Learn more: visit f5.com/architectures.