Enhancing EMC VSPEX Solutions with Application Delivery from F5

F5 and EMC offerings

· BIG-IP® Local Traffic Manager™

· BIG-IP® Global Traffic Manager™

· BIG-IP® Access Policy Manager™

Organizations that want to provide private cloud services must manage network bandwidth and resources to support good performance and secure, seamless user access. In addition, they must be able to provide disaster recovery and scale cloud services on short notice.

As a validated data center platform, EMC VSPEX is an integrated IT offering that supports an organization's journey to the private cloud. VSPEX includes preconfigured compute, network, storage, management, and virtualization components for maximum scalability and agility. F5® BIG-IP® products complement VSPEX by optimizing traffic to applications, such as Microsoft Exchange, Oracle RAC, and VMware View, for superior control, availability, and performance.

Increase Application Performance

In application environments that span multiple servers or sites, measuring performance goes beyond traditional metrics such as CPU speed and network bandwidth. Transient network conditions, hardware bottlenecks, and application health all play a significant role. F5 BIG-IP Local Traffic Manager (LTM) is sensitive to application requirements and monitors all aspects of the application environment, providing rich traffic management to help accelerate business application performance by up to 300 percent. In addition, BIG-IP Global Traffic Manager (GTM) manages application traffic across multiple data centers, ensuring that users are always directed to the best-performing application resources.

Learn more

For more information about F5 and EMC VSPEX, use the search function on f5.com to find the following resources.

Partnership information

F5 and EMC technology alliance

F5 server virtualization solutions

Virtualization solutions

F5 desktop virtualization solutions

Scale Further and Faster

Efficiently scaling application environments goes beyond provisioning additional servers. The dynamic load balancing capabilities of BIG-IP LTM allow new application instances to be rapidly and transparently deployed, ensuring uninterrupted scale out for EMC VSPEX solutions. BIG-IP LTM also provides extensive connection management, as well as TCP and content offloading capabilities, to scale up VSPEX solutions and increase application capacity by up to 60 percent within the same VSPEX footprint.

Respond to Changing Needs

A significant benefit of virtual application environments is that IT can respond rapidly to changing business needs. BIG-IP LTM provides deep integration with VMware vCenter to fully automate the provisioning of new virtual servers based on current conditions and incorporate them into the application pool. Organizations can run only the application resources that are needed at any moment, with greater responsiveness and lower IT overhead.

Ensure Business Continuity

With BIG-IP technologies, organizations can provide business continuity for EMC VSPEX solutions. BIG-IP LTM and BIG-IP GTM monitor the health of application resources and direct traffic to ensure availability both within and across multiple data centers. And, BIG-IP LTM and BIG-IP GTM can automate the failover of live application instances between data centers to minimize application downtime and enable a proactive disaster response.

Unify Application Access

BIG-IP Access Policy Manager (APM) provides a unified access management solution for virtual application environments. Organizations can use this solution as a central point of control between both local and remote users and applications, consolidating multiple access tiers and providing single sign-on capabilities with context-aware access policies. BIG-IP APM makes it easy to scale authentication, authorization, and accounting (AAA) infrastructure with the application environment, while reducing capital and operational costs by up to 85 percent.

To find out more about how F5 and EMC joint solutions can help your business, visit the EMC Solutions page.

F5 Networks, Inc.   401 Elliott Avenue West, Seattle, WA 98119   888-882-4447   www.f5.com

F5 Networks, Inc.
Corporate Headquarters
info@f5.com

F5 Networks
Asia-Pacific
apacinfo@f5.com

F5 Networks Ltd.
Europe/Middle-East/Africa
emeainfo@f5.com

F5 Networks
Japan K.K.
f5j-info@f5.com