

Securing the Hyper-Converged Data Center with Nutanix and F5

F5 and Nutanix offerings

BIG-IP® Application Security Manager®

BIG-IP® Access Policy Manager®

BIG-IP® Local Traffic Manager™

Nutanix Xtreme Computing Platform

Nutanix Acropolis

Nutanix Prism

In the dynamic contemporary workplace, organizations ask IT to speed workflows, reduce complexity, and cut costs. It's a tall order, especially with inflexible legacy data center infrastructure that is built in silos. Today's IT department needs the agility and scalability of the cloud, combined with the security of on-premises solutions.

The F5 and Nutanix data center security solutions help organizations realize these benefits. By combining compute, storage, and virtualization in a single turnkey appliance, Nutanix delivers agile, hyper-converged infrastructure for the next-generation data center. Adding the F5® BIG-IP® comprehensive threat-mitigation platform enables organizations to protect their Internet-facing data center applications—wherever they reside.

Data Center Infrastructure Without Limits

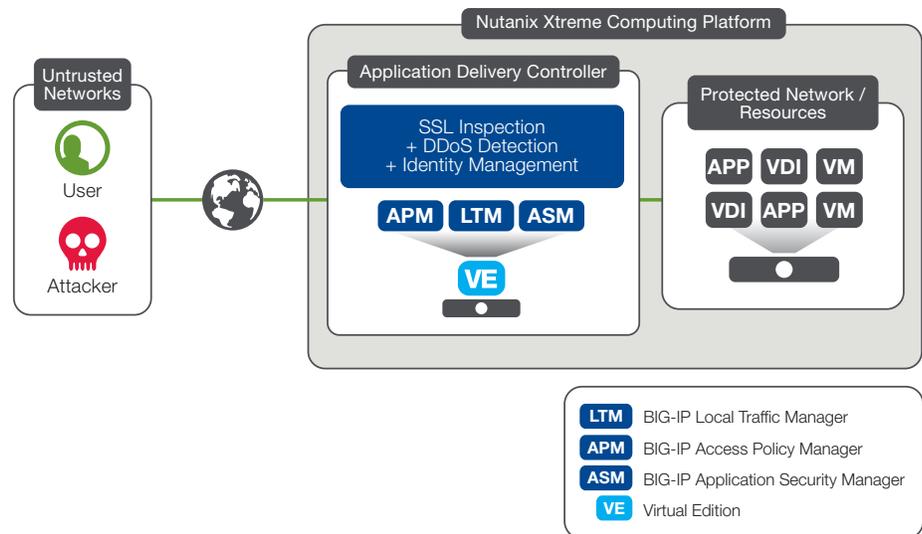
With Nutanix, enterprises can deploy a hyper-converged infrastructure solution out of the box in less than an hour. This solution eliminates the need for standalone SAN storage, and dramatically reduces the complexity of virtualization management. Additionally, with Nutanix Prism consumer-grade infrastructure management, as well as Nutanix Acropolis app mobility and distributed storage fabric, enterprises gain ultimate application independence from infrastructure.

Nutanix offers security features (such as two-factor authentication), that when implemented require logins with a combination of a client certificate and username/password. Administrators can also restrict access to a Nutanix cluster by automatically disabling interactive shell logins. These capabilities reduce the risk of unauthorized access to Nutanix systems management facilities. In addition, Nutanix data-at-rest encryption leverages FIPS 140-2 Level-2 validated self-encrypting drives.

All-In-One Security for the Hyper-Converged Data Center

Despite the native security in the Nutanix solution, the increasing sophistication, frequency, and diversity of today's attacks mean that organizations need to bolster their protection. F5 delivers comprehensive security solutions to protect mission-critical applications no matter where they reside.

BIG-IP Application Security Manager (ASM), F5's on-premises web application firewall, enables organizations to protect against OWASP Top 10 threats, application vulnerabilities, and zero-day attacks. Its layer 7 DDoS detection and mitigation techniques, virtual patching, and granular attack visibility thwart even the most sophisticated threats. BIG-IP Access Policy Manager (APM), secures and differentiates access to applications, data, network, and the cloud based on user identity and context. BIG-IP Local Traffic Manager (LTM) delivers industry-leading SSL performance to help organizations cost-effectively protect the entire user experience by encrypting all traffic from the client to the server.



F5 and Nutanix deliver data center security for your most important enterprise applications.

To find out more about how F5 and Nutanix solutions can help your business, contact info@f5.com or visit f5.com/converged.