

Secure Application Delivery

Partner
Solutions

Citrix and Fortinet® Partnership

Citrix and Fortinet have partnered to provide market-leading solutions that enable enhanced security for application delivery to users anywhere. Citrix Systems is the global leader and the most trusted name in application delivery infrastructure, with over 180,000 organizations worldwide that rely on their solutions for application access. Fortinet is the pioneer and leading provider of ASIC-accelerated unified threat management (UTM) solutions that provide a comprehensive suite of security services at the highest levels of network protection, performance, and reliability. Together, Citrix and Fortinet deliver the best performing, most advanced and secure solutions for realizing a dynamic datacenter while reducing total cost of ownership through server and workload consolidation and streamlined datacenter operations and management.



IT Challenge

In traditional, static datacenter environments, server sprawl is a major concern, with many fully provisioned, but under-utilized servers dedicated to delivering a specific task or workload. In addition to the operational costs and time required to maintain these servers, IT incurs significant capital, energy, and space costs. Furthermore, organizations are constantly seeking to augment data security, increase resource flexibility, and streamline server deployment and provisioning including upgrades, patches, and updates, while keeping costs down.

To address these issues, virtualization has evolved to be the most transformative IT technology of the next decade. However, to truly impact the business, server virtualization is not enough—IT requires the power of virtualization from the datacenter for servers and applications all the way to the desktop. Citrix Delivery Center offers the most comprehensive end-to-end virtualization solutions, with server, application and desktop virtualization—purpose-built to enable IT to deliver applications to users anywhere. Fortinet has also adopted the concept of virtualization to offer consolidation and cost-savings in the form of network and security virtualization.

Citrix and Fortinet Solution

Citrix Delivery Center is dynamic infrastructure that transforms the datacenter from a static, production-oriented facility to a dynamic, service-oriented delivery center. For server virtualization, Citrix XenServer is the simplest and most efficient way to encapsulate servers into self-contained and portable files to deliver a dynamic datacenter—a flexible aggregated pool of computing and storage resources. With XenServer, businesses can easily deploy multiple virtual servers on shared hardware to increase utilization and reduce equipment, space, and energy costs while leveraging the built-in XenCenter unified management interface for simplified server deployment and provisioning and XenMotion feature to seamlessly move virtual machines without downtime. Deployed with the Citrix Provisioning Server for Datacenters, customers can further extend their server virtualization capabilities by streaming application workloads on-demand (as a service) to any server on the network.

The flagship FortiGate appliance from Fortinet delivers virtualization technology through the Virtual Domain feature, which enables the device to operate as multiple independent security domains, each capable of configuring and managing its own set of L2/L3 options, interfaces, VLAN sub-interfaces, zones, firewall policies, routing, and VPN settings. This virtual domain separation simplifies network configuration by reducing

Key Benefits & Solutions

Superior Technology:

Leverage the benefits of hardware-assisted virtualization on both the latest Intel VT and AMD-V platforms and support for 64-bit systems and a wide range of local and networked storage.

Simple Deployment:

Directly install the XenServer hypervisor software on bare metal servers which eliminates the need for a dedicated host operating system.

Easy Integration:

Leverage open command-line (CLI) and programming (API) interfaces to integrate virtualization with existing processes and management tools.

Rapid Provisioning:

Provision and rapidly redeploy operating system and application workloads across the virtual and physical servers in the virtualized infrastructure.

Powerful Management:

Utilize the unified management capabilities for VM creation and live migration, full lifecycle management of VMs, global resource pool configuration, real-time performance monitoring, and VM resource allocation..

Increased Agility at Lower Cost:

Combine servers and storage into resource pools that can be apportioned to the applications with the highest business need to achieve alignment with changing demand and business priorities.

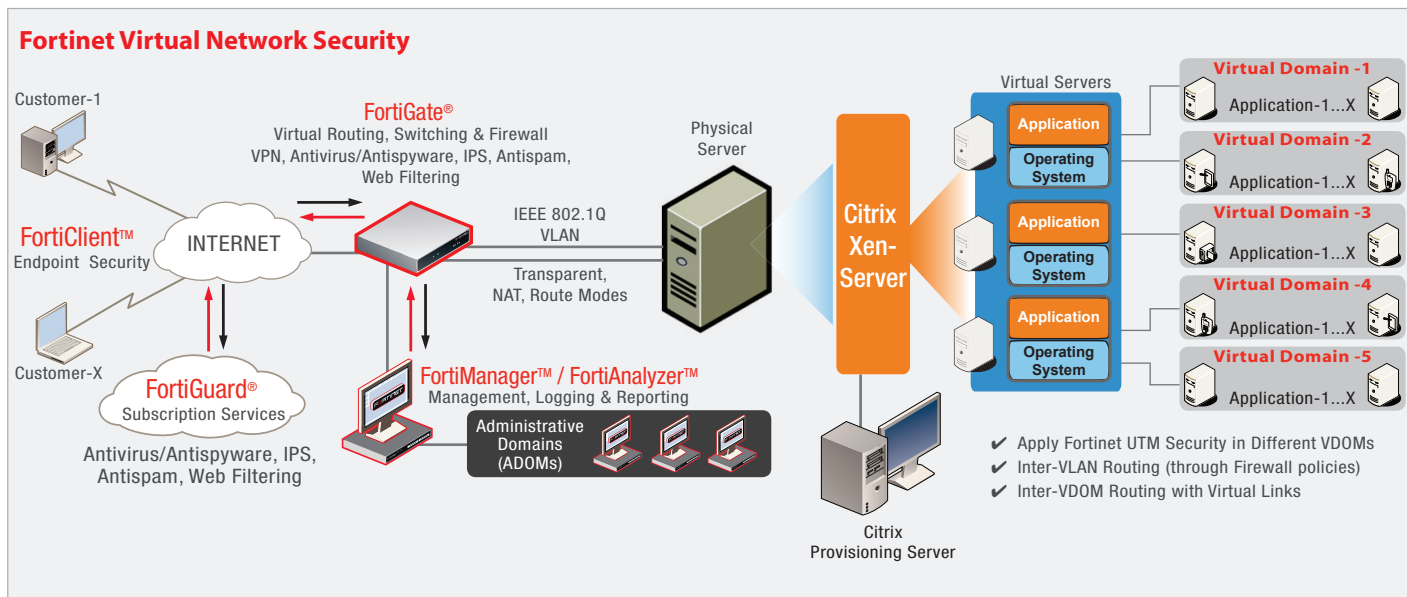
Improved Business Continuity:

Create a library of virtual images and store them in an off-site location for on-demand infrastructure provisioning.

Enhanced Reliability:

Quickly restart workloads on a failed system on any other available server to dramatically reduce downtime that can interfere with business.

the number of discrete routers or firewalls that must be managed. Support is also provided for IEEE 802.1Q Virtual LAN tagging operating in both NAT/Route and Transparent modes, allowing administrators to logically segregate the network into multiple LANs. By leveraging Fortinet's cutting-edge virtualization technology, a single FortiGate appliance can effectively provide comprehensive UTM services and protect virtual networks across multiple security domains for multiple virtual servers in a virtualized environment.



About Citrix

Citrix is the global leader and the most trusted name in application delivery infrastructure. More than 215,000 organizations worldwide rely on Citrix to deliver any application to users anywhere with the best performance, highest security and lowest cost. Citrix customers include 100 percent of the Fortune 100 companies and 99 percent of the Fortune Global 500, as well as hundreds of thousands of small businesses and prosumers. Citrix has about 8,000 channel and alliance partners in more than 100 countries. Annual revenue in 2007 was \$1.4 billion.



About Fortinet

Fortinet is the pioneer and leading provider of ASIC-accelerated unified threat management, or UTM, security systems, which are used by enterprises and service providers to increase their security while reducing total operating costs. Fortinet solutions were built from the ground up to integrate multiple levels of security protection—including firewall, antivirus, intrusion prevention, VPN, spyware prevention and antispyware—designed to help customers protect against network and content level threats. Fortinet solutions have won multiple awards around the world and are the only security products that are certified in six programs by ICSA Labs: (Firewall, Antivirus, IPSec, SSL, Network IPS, and Antispyware).



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