



CHECK POINT VPN-1/FIREWALL-1

Using F5's BIG-IP Solution with Check Point VPN-1/FireWall-1 for Traffic Management, Scalability, Security and Performance

Executive Summary

Security has always been one of the most important aspects of the network. As security deployments become more complicated with the addition of mobile connectivity and Web services, enterprises are looking for comprehensive answers. With the joint solution between security leader Check Point™, and the secure application traffic management leader F5 Networks, enterprises can expect intelligent performance, scalability, extensible integration, and a highly secure solution for any network.

The BIG-IP product has achieved OPSEC certification from Check Point, and provides high availability load balancing, administration, management, security, and extensibility for Check Point VPN-1@/FireWall-1@ deployments utilizing their state synchronization capabilities. The BIG-IP product also provides the ability to log events to the Check Point NG Management Server utilizing Check Point's OPSEC® (Open Platform for Security) interfaces.

Through its unmatched intelligence, the BIG-IP product ensures that all business-critical traffic is properly distributed across the available resources and guarantees delivery to the intended destination. The BIG-IP product's extensive feature set allows for flexible deployment scenarios that easily accommodate infrastructure modifications dictated by business requirements, without costly disruptions.

Challenges

Network security and continual availability are critical for most enterprises as they deploy IP-based business applications and services that involve sensitive data. The firewall is an organization's first line of defense for providing protection for information on the network. If the firewall is overloaded, or not functioning, it cannot provide protection, and it may even deny access to qualified users. The BIG-IP application traffic management solution not only brings enhanced security to VPN-1/FireWall-1 deployments, but increased uptime, performance and scalability as well.

Solution

Customers who deploy BIG-IP system with Check Point's firewall benefit through enhanced performance, security, uptime, and scalability for VPN-1/FireWall-1 implementations. As part of the solution, F5 is also able to deliver programmatic control of the BIG-IP device and VPN-1/FireWall-1 deployments using its iControl® SOAP/XML API (Application Programming Interface). With this certified solution, customers are assured that BIG-IP products integrate seamlessly with Check Point's VPN-1/FireWall-1 Next Generation (NG) Internet Security Platform.

With the BIG-IP product family, you can set up firewall load balancing or high availability firewall load balancing for the Check Point FireWall-1. Firewall load balancing (LB) allows you to load balance inbound and outbound traffic in a multiple firewall setup. High availability load balancing (HALB) uses the VPN-1/FireWall-1 state-sharing capabilities to ensure that all active connections, including VPN, are not lost in the event of a failover from a load balancing gateway to the remaining load balancing gateways.

By working together, F5 Networks and Check Point offer enterprise customers an effective solution that provides extremely reliable and secure delivery of Web services and applications.

About F5

F5 Networks is the global leader in Application Delivery Networking. F5 provides solutions that make applications secure, fast and available for everyone, helping organizations get the most out of their investment. By adding intelligence and manageability into the network to offload applications, F5 optimizes applications and allows them to work faster and consume fewer resources. F5's extensible architecture intelligently integrates application optimization, protects the application and the network, and delivers application reliability—all on one universal platform. Over 10,000 organizations and service providers worldwide trust F5 to keep their applications running. The company is headquartered in Seattle, Washington with offices worldwide. For more information, go to www.f5.com.

About Check Point

Check Point Software Technologies is the worldwide leader in securing the Internet. VPN-1/FireWall-1 is the company's award-winning enterprise security suite that integrates access control, authentication, encryption, network address translation, content security and auditing.

OPSEC is the industry's open, multi-vendor security framework. With over 300 partners, OPSEC guarantees customers the broadest choice of best-of-breed integrated applications and deployment platforms that support Check Point's Secure Virtual Network Architecture.