

Enterprise/MSSP “Security-in-a-Box”



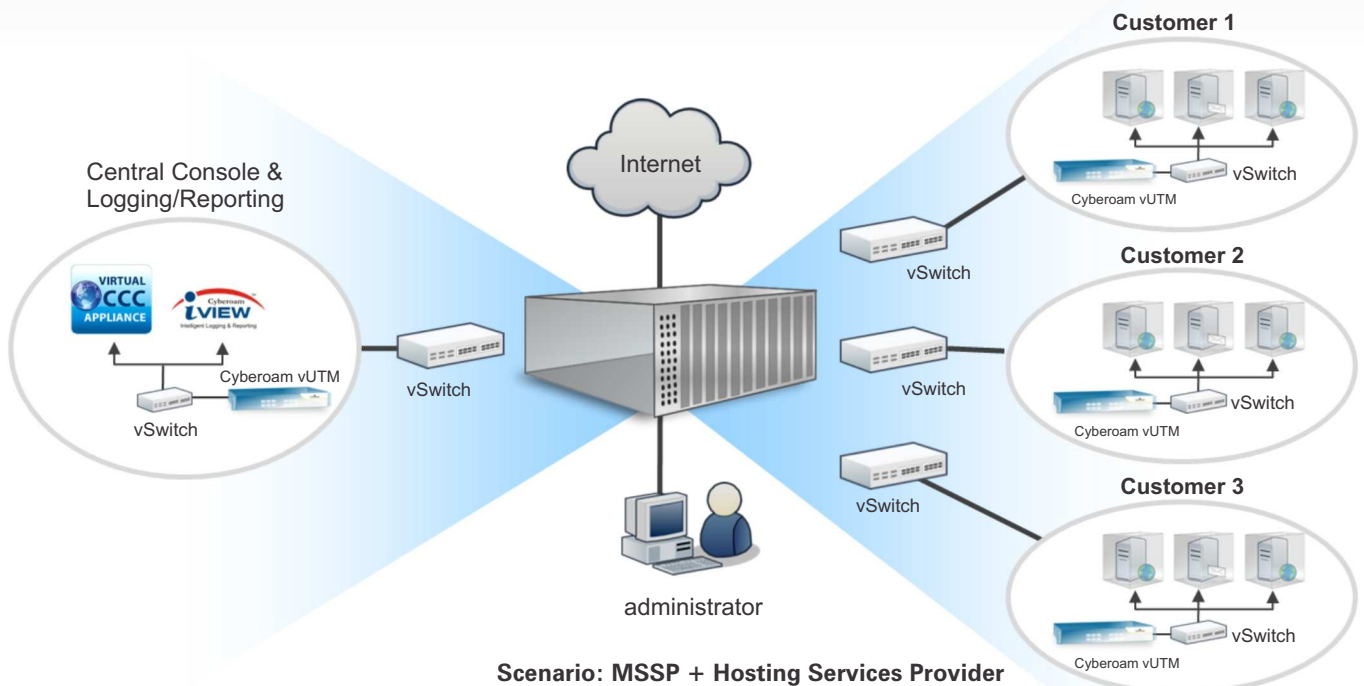
For large enterprises and MSSPs managing security of multiple branch offices and customers, multiple hardware security appliances, each requiring separate maintenance and management, prove expensive and difficult to manage. ‘Security-in-a-Box’ in enterprises/MSSPs allows multiple virtualized security appliances in virtual infrastructure(s) to replace multiple hardware security appliances, offering huge savings in server space and related costs. Besides, as the network security needs grow, more virtualized appliances can be added to the virtual infrastructure instead of adding more hardware appliances, reducing total cost of ownership.

Security Challenges

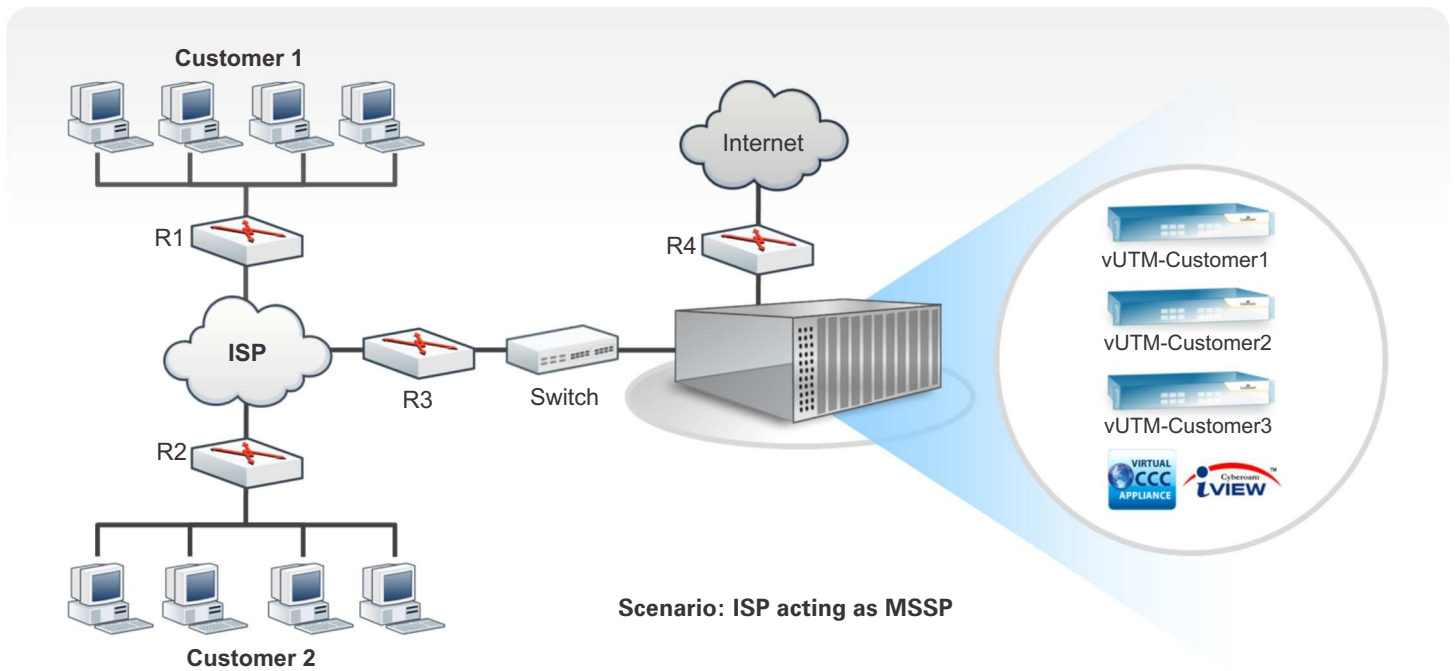
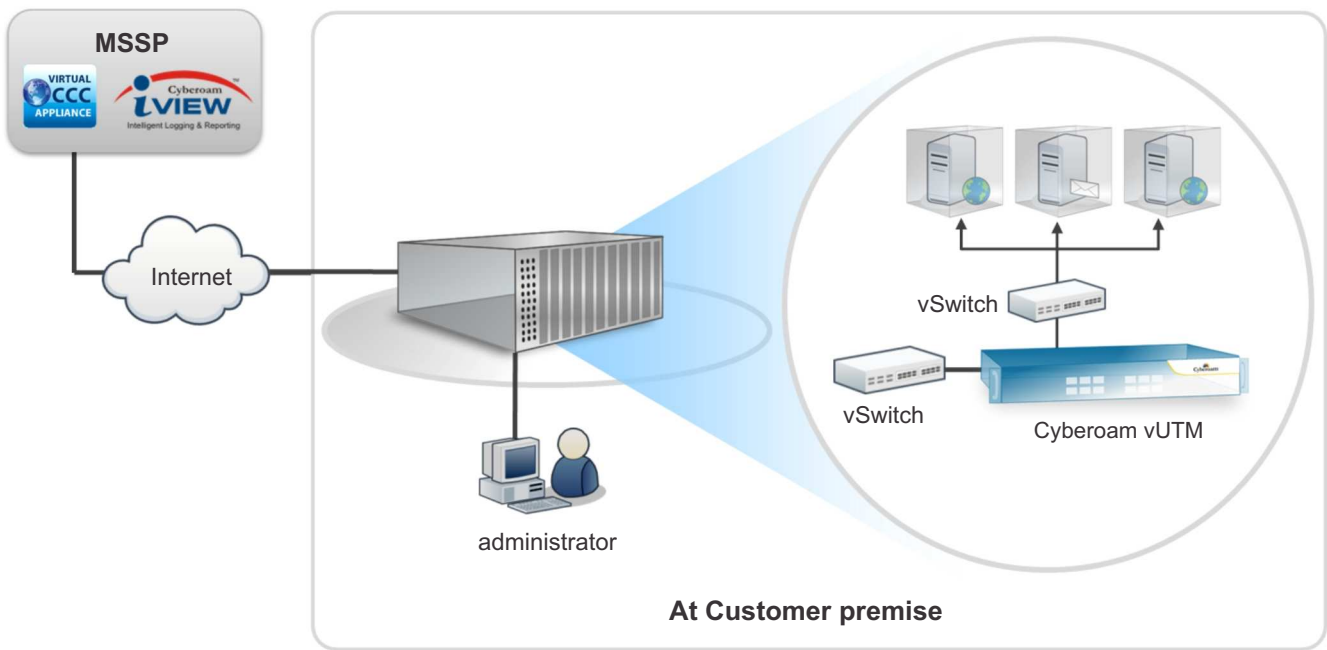
Enterprises and MSSPs face the challenge of handling the growth and expansion of their business or customers’ business that requires immediate capacity upgrades. Enterprises and MSSPs managing multiple virtual appliances for security of their or customers’ networks need a centralized security management solution for consistent security policies across branch offices and customer networks.

Virtual networks are also prone to attacks like hyperjacking; exploits attacking vulnerabilities in hypervisor management console, hypervisor & Guest OS; security risks arising out of loss of separation of duties between security/network security and operations and Zero Trust Networks.

The Cyberoam Solution:



Scenario: MSSP + Hosting Services Provider



Cyberoam virtual UTM consolidates the security requirements of your branch offices or of multiple customer networks into a virtual security appliance that offers comprehensive security with firewall, VPN, IPS, Gateway Anti-Virus and Anti-Spam, Web Application Firewall and more. Its easy upgrade enables enterprises and MSSPs to upgrade their subscription services in no time and respond immediately to the rising security needs of their branch offices and customers. Cyberoam virtual UTM's licensing model enables MSSPs to follow a similar licensing fee model for their customers, which is less complex. Cyberoam allows 'Security-in-a-Box' in true sense with its virtual and hardware Cyberoam Central Console appliances that allow MSSPs to centrally manage

security of thousands of customers, reducing their administrative efforts with centralized security management.

Cyberoam virtual UTMs enable administrators to segment the management console in DMZ, route all traffic through Cyberoam virtual UTM appliances, and also enable separation of administrator duties with role-based administrator controls, protecting hypervisor management console and hypervisor & Guest OS from attacks. Cyberoam's Layer 8 Identity-based security policies over user authentication, service authorization and reporting (AAA) secure the Zero Trust virtual networks.