Check Point vSEC for Azure

Extends advanced, multi-layered security for the Azure cloud environment, protecting assets in the cloud from attacks while enabling secure connectivity from enterprise networks to Azure hybrid networks. vSEC for Azure provides consistent security policy management, enforcement, and reporting, making migration to the Azure cloud painless and secure.

vSEC Key Benefits

- Advanced threat prevention with application level security for both North-South and East-West traffic
- Unified management – single pane of glass for all firewall management needs on all sites.
- Elastic security – Automatically position and scale Azure security with dynamically policy enforcement

Summary

Check Point vSEC for Azure enables customers to confidently extend their security to Azure cloud infrastructure with the full range of protections of the Check Point threat prevention solution. vSEC for Azure prevents network attacks and data breaches while enabling secure connectivity to Azure public cloud environments.

CLOUD DISASTER RECOVERY WITH AZURE

A disaster recovery and business continuity plan is critical to any organization’s IT operations. By designing and implementing a viable disaster recovery strategy, organizations can ensure systems remain available during planned or unplanned events and can be recovered in the event of a system failure. Microsoft Azure enables organizations to extend their business continuity and disaster recovery strategies to the Microsoft Cloud. By leveraging the features of Azure Recovery Services, businesses can efficiently implement a resilient disaster recovery solution in the cloud.

Staying ahead of current and emerging cloud threats requires organizations to carefully define and design robust network security to protect their DR site on Azure. As a result, the following security design principles should implemented:

1. Secure all DR workloads against known and unknown malware attacks.
2. Safeguard traffic between Primary and Secondary sites using a VPN tunnel.
3. Ensure consistent policy and security controls extend across both environments.

CHECK POINT VSEC TO SECURE DR SITE ON AZURE

Check Point vSEC for Azure takes advantage of the cost efficiencies and automation of Azure while tightly integrating advanced security features designed to meet the efficiency and scalability requirements of public cloud infrastructures. Flexible pay-as-you-go or Bring-Your-Own elastic licensing options enable rapid provisioning of Check Point Next-Generation Threat Prevention technology from the Azure Marketplace to protect customer DR sites.

Existing Check Point customers can reduce complexity and ensure consistency across their hybrid-cloud security posture by using a unified Check Point management tool which can also be installed in an HA configuration across both sites. In such deployment scenario, it’s essential to safeguard the traffic traversing between Primary and Secondary sites. This can be achieved by defining a VPN tunnel between the vSEC Gateway on Azure and your On-premise Check Point security appliance, thus encrypting transactions between on premise and cloud environments.

ABOUT CHECK POINT LTD.

Check Point Software Technologies Ltd. is the largest network cyber security vendor globally, providing industry-leading solutions and protecting customers from cyberattacks with an unmatched catch rate of malware and other types of threats. Check Point offers a complete security architecture defending enterprises – from networks to mobile devices – in addition to the most comprehensive and intuitive security management. Check Point protects over 100,000 organizations of all sizes.