

Control Center and the HP VAN SDN Controller. Catbird will ask the HP VAN SDN Controller to mirror specified traffic and send it to Catbird. The HP VAN SDN Controller will in turn steer underlying network devices like routers and switches to deliver the corresponding traffic flow information.

Once Catbird starts receiving the flow information from the HP VAN SDN Controller, it will start populating an inventory of all physical assets discovered in the environment, along with virtual assets discovered by Catbird's own Virtual Machine Appliances (VMA) that collect similar flow information from within the virtual fabric.

Next Catbird allows to group both physical and virtual assets into logical zones called Catbird TrustZones®. Based on the flow data captured through both the HP VAN SDN Controller and the Catbird VMAs, Catbird allows visualizing and analyzing traffic flows between the different logical zones, providing detailed and real-time insight into East-West traffic flows across the enterprise.

By defining Catbird TrustZones around applications or application tiers, organizations get a deep understanding of how applications and users are connected, and allow validating that firewall controls are working properly.

SDN makes the difference

The HP VAN SDN Controller allows Catbird to expand its scope beyond the virtual fabric and capture traffic flows from other parts of the network. This results in an enterprise-wide view of East-West traffic flows, between both virtual and physical workloads.

By layering Catbird's unique logical zoning construct on top of HP's SDN solution, organizations get an unparalleled understanding of how their applications communicate and behave, which in turn allows them to move towards a truly micro-segmented and thus much more secure network.

Based on actual flows between the

different zones you can determine which flows should be allowed, but also what type of traffic you should not be seeing and thus should be disallowed. Catbird allows you to set baseline configurations and receive alerts when real-time traffic drifts from a previously set baseline occur, allowing for example for the capture of infrequent connections.

Summary

By combining HP SDN with Catbird's revolutionary suite of software-defined security solutions, you get unmatched visibility into your hybrid IT infrastructure and are able to smoothly move to micro-segmentation.

Learn more

hp.com/sdn

catbird.com

Contact us

sdnalliancesteam@hp.com