paloalto NETWORKS®

3 WAYS TO MAXIMIZE YOUR PANORAMA DEPLOYMENT!

Increase Speed – Enhance Logging – Improve Availability

You chose Panorama™ to enhance management functionality, improve visibility across your deployment of next-generation firewalls, and streamline your rule base. But you could take advantage of some additional benefits by slightly changing the way you have deployed the product. Let's explore how you can get the most out of your Panorama deployment.

Top Three Ways to Deploy Panorama

1. Move from VM to a Hardware Platform

2. Add Dedicated Log Collectors

3. Deploy Panorama in High Availability (HA)

1. Move from VM to a Hardware Platform

Deploying Panorama on a VM is a great option for those who want fewer appliances in their security deployments, but it can come with drawbacks. You have to ask a VM management team to add processing power when VM resources are oversubscribed. Deploying a hardware appliance (either an M-100 or M-500 appliance) in your network ensures available resources when you need them. Free yourself from dependence on third-party hardware vendors.

2. Add Dedicated Log Collectors

Combining management and log collection into one piece of hardware may work in some instances, especially for small networks; but, as soon as your log retention increases, you are sacrificing valuable management resources for logging.
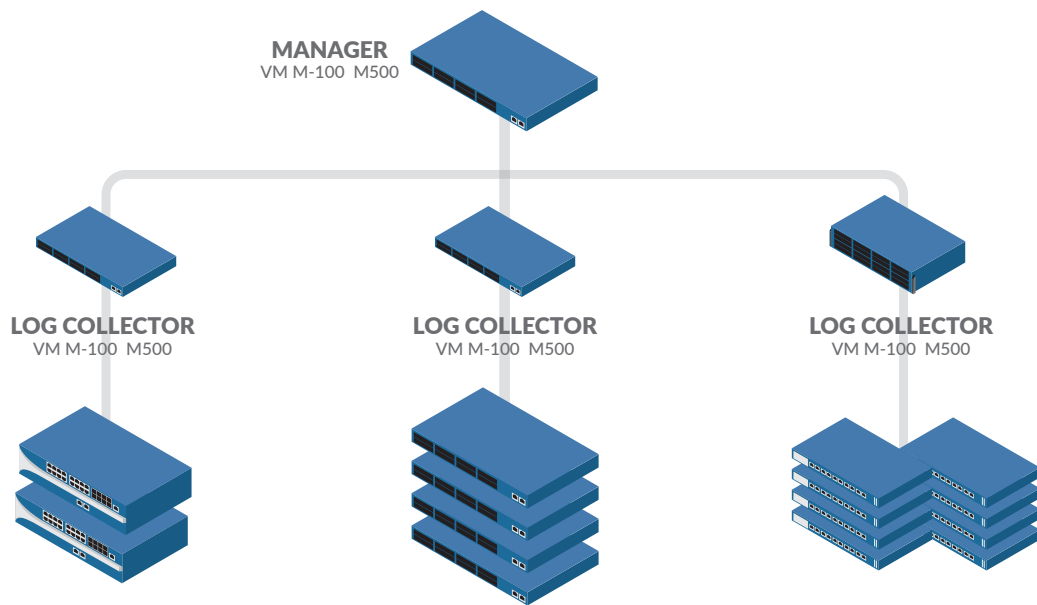
Figure 1: Panorama deployment architecture

Adding dedicated log collectors (additional M-100 or M-500 appliances) to your Panorama deployment will increase log ingestion rates, lengthen log retention, and free up valuable resources. Adding log collectors strategically across your distributed deployment will also cut back on the need to backhaul all logs over WAN links and provide better access to configuration-wide data for analysis.

3. Deploy Panorama in High Availability (HA)

It's no secret: HA decreases the chance of downtime for hardware. Panorama can be deployed in HA, effectively increasing availability and eliminating single points of failure. Improve availability by deploying Panorama in HA.

Conclusion

Panorama provides streamlined management, great visibility, and excellent rule management across distributed networks of next-generation firewalls. It is, however, equally important to plan a Panorama deployment strategically to optimize processing speed, logging capacity/retention, as well as availability of your distributed security network. Thanks to the flexible deployment options of Panorama, you can ensure you maximize the performance of your network security management solution by adding dedicated management appliances and log collectors or deploy Panorama in HA pairs.