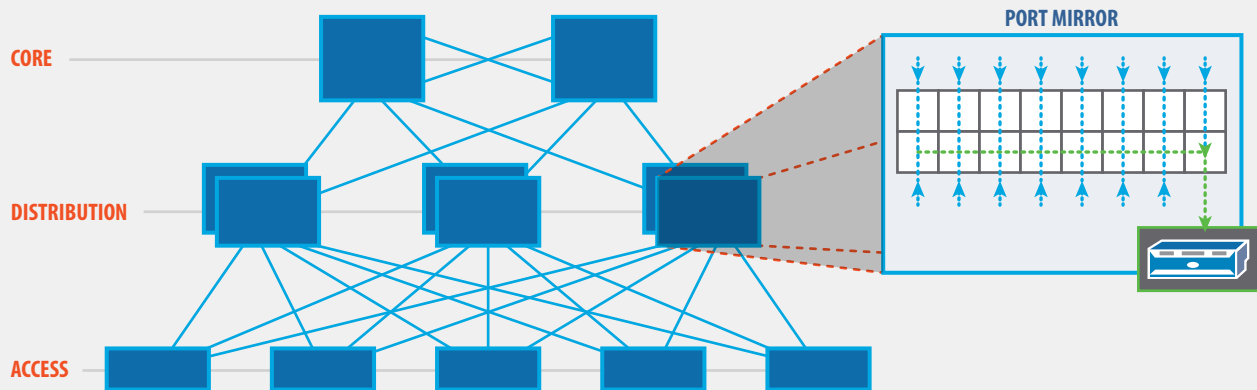


EXTRAHOP SYSTEM DEPLOYMENT

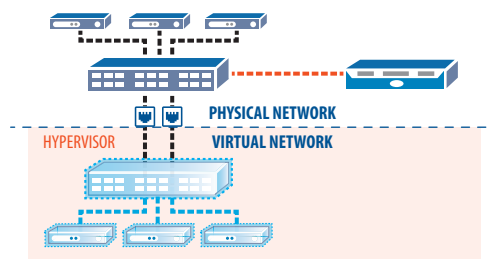


This diagram shows an Access Distribution Core network architecture. Deploy the ExtraHop system off of one or more core or distribution switches. To send wire data to the ExtraHop system for analysis, configure a port-mirroring (or SPAN) session to copy traffic from the source ports (0-15) to the destination port (16), which connects to the ExtraHop system.

Capturing Traffic with the ExtraHop System

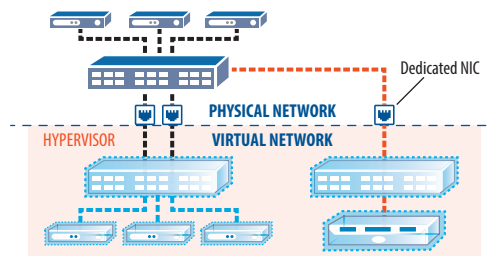
Physical Deployment

Use this deployment when you have a physical ExtraHop appliance connected to a physical core or distribution switch in a datacenter. This is the simplest, most common deployment.



Virtual Deployment

Use this deployment when you have a virtual ExtraHop appliance. The first virtual switch connects to each virtual machine on the host server. The second virtual switch is bound to a dedicated physical NIC and sends traffic to the ExtraHop system.



Intra-VM Deployment

Use this deployment only when focusing solely on communication between VMs on the same host server. The ExtraHop system is connected to the same virtual switch as the VMs to be monitored.

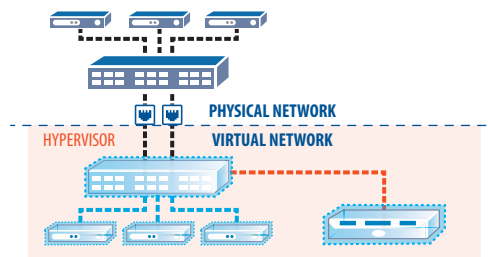


DIAGRAM KEY



ExtraHop



Virtual ExtraHop



Network Switch



Virtual Switch



Physical Machine



Virtual Machine



NIC

Physical Traffic

Virtual Traffic

Mirrored Traffic