

VMware Micro-Segmentation and Security Design and Deploy Service

AT A GLANCE

The VMware Micro-Segmentation and Security Design and Deploy Service uses the distributed firewall functionality of VMware NSX® for vSphere® to deploy distributed, centrally managed security containers. The containers automate and significantly expand the security protections and capabilities in the virtual data center. The service assesses, designs, and deploys the Micro-Segmentation solution in one production environment, using one pre-existing, production VMware vCenter Server™ instance and up to 50 existing ESXi™ hosts.

KEY BENEFITS

- Delivers a production NSX Micro-Segmentation solution environment
- Helps customers test the features and learn the functionality of the VMware NSX Micro-Segmentation use case
- Helps customers achieve granular, dynamic control over security policies in a virtualized network environment

Overview

The VMware Micro-Segmentation and Security Design and Deploy Service delivers a functioning Micro-Segmentation solution using VMware NSX for vSphere. The ability to provide centrally managed distributed security containers significantly expands the security protections and capabilities within the virtual data center, as well as the automation of those capabilities. This service provides rapid deployment of Micro-Segmentation within a production environment by leveraging a phased methodology.

VMware will work with Customer to do the following:

- Conduct information gathering workshops to determine design requirements.
- Validate design requirements and constraints.
- Identify and discuss use cases and security models.
- Conduct architecture design workshops.
- Design a Micro-Segmentation solution to meet selected use cases.
- Implement the solution in an environment that meets pre-engagement qualifications.
- Validate the solution according to the technical validation plan.
- Turn over the solution to Customer teams for functional testing and operation.
- Conduct a knowledge transfer session on the implemented solution.

The scope of this datasheet allows for the assessment, design, and deployment of VMware's Micro-Segmentation solution in one (1) production environment. Key components of the solution consist of:

- Deployment of up to one (1) NSX for vSphere manager.
- Deployment of Distributed Firewall (DFW) kernel modules for up to fifty (50) VMware ESXi™ hosts.
- Deployment of up to one (1) Layer 3 Edge firewall.
- Up to thirty (30) firewall rules included, to be split between edge, distributed, and identity firewalls.
- Up to ten (10) security groups defined.

At the conclusion of the engagement, VMware will provide the deliverables listed in the Deliverables section. The resulting NSX deployment from this engagement is an operational Micro-Segmentation solution at the Customer site, which enables Customer to evaluate the security protections and begin evolving their environment and processes.