

Standard Use Cases

The scope of this datasheet includes the assessment, design, and deployment of NSX for vSphere in a production environment. The following Micro-Segmentation and security use cases are included in the scope of this datasheet.

- Micro-Segmentation using distributed firewall (DFW) functionality – Stateful firewall functionality between tenant virtual machines within the same ESXi host or across different ESXi hosts using the DFW functionality.
- Activity monitoring – Demonstration of the ability to view activity on monitored virtual machines through the NSX for vSphere solution, and how this can be used to create application network flow models for future rule development and for troubleshooting and optimization.
- Identity firewall – Providing the capability to enforce security rules based on external directory service membership.
- Basic service composer functionality – Define and apply security policies based on service profiles for NSX firewall rules.
- Logging and Monitoring – Direct logging output to a pre-installed customer-designated syslog target such as VMware vRealize® Log Insight™.

Project Scope

The scope of this project entails the assessment, design, and deployment of the VMware Micro-Segmentation solution in one (1) production environment:

- One (1) pre-existing production VMware vCenter Server instance that support workloads leveraging NSX capabilities.
- Up to fifty (50) existing ESXi hosts supporting production workloads.

Estimated Schedule

VMware estimates that the duration of this project will be four (4) weeks. VMware consulting services will operate according to a schedule agreed to by both parties. Typically, consulting services are performed during normal business hours and workdays (weekdays and non-holidays).

Project Activities

The services provided in this datasheet are organized in the following phases:

- Phase 1: Planning
- Phase 2: Kickoff
- Phase 3: Assess
- Phase 4: Design

- Phase 5: Deploy
- Phase 6: Validate
- Phase 7: Knowledge Transfer
- Phase 8: Conclusion

Phase 1: Planning

VMware conducts a pre-engagement planning call with Customer to initiate the project. Topics to be discussed include the following:

- Project scope and objectives.
- Business drivers.
- Project timelines, scheduling, and logistics.
- Identify key Customer project team members to work with the VMware team.
- Identify and agree to key Customer activity completion dates.
- Review the Service Checklist and progress toward completing it.
- Availability of appropriate facilities including meeting rooms, work locations, whiteboards, projectors, special access needs, any other pertinent information needed prior to VMware arriving on site.
- Prerequisites and other preparation required before the project kickoff.

Customer will complete the prerequisites specified in the Service Checklist prior to the arrival of VMware consultants on site.

Phase 2: Kickoff

VMware will lead Customer project sponsors and stakeholders in a project kickoff meeting to review expectations about the engagement, the delivery approach and timelines, the amount of time and effort required from the participants, and the expected activities and deliverables. The following are the objectives of the meeting:

- Introducing the VMware team, roles, and responsibilities.
- Describing the project goals, phases, and key dates.
- Explaining the expected project results and deliverables.
- Agreeing on communication and reporting processes.
- Validating the project expectations and clarifying roles and responsibilities.

Further in this phase, VMware and Customer will discuss the high-level capabilities of NSX for vSphere in Customer's environment. These discussions create a common language that the teams will utilize going forward, they are not in-depth discussions; rather, an overview to familiarize Customer with VMware products and the capabilities of the VMware team.