

VMware Migrate to NSX-T with Migration Coordinator Service

For environments with up to 256 CPU Sockets

AT A GLANCE

This service helps customers migrate from legacy NSX-V to newer NSX-T.

VMware Professional Services' goal is to provide an accurate and seamless migration from NSX-V to NSX-T. The service is conducted jointly with your team members to enhance the learning experience during the deployment.

KEY BENEFITS

- Seamless migration of network to the latest version of NSX
- Support migrating existing workloads securely and as seamlessly as possible
- Provide knowledge transfer of the design, deployment, and operations procedures
- Reduce IT team support burden
- Leverage VMware Professional Services experience and best-practices to design, deploy, and migrate to VMware NSX-T

SKU

CON-NSX-V2T-MC64

CON-NSX-V2T-MC128

CON-NSX-V2T-MC256

Service overview

This service is designed to help you migrate from NSX Data Center for vSphere (NSX-V) to NSX-T Data Center (NSX-T). VMware Professional services will help upgrade NSX-V software to NSX-T, following VMware best practices and alignment with customer use cases and requirements.

Services performed by VMware engineers include:

- Planning and Review of current NSX deployment
- Assess environment for networking prerequisites prior to the migration
- Creation of detailed migration and rollback plan
- Move all workloads from NSX-V prepared cluster to NSX-T cluster leveraging Migration Coordinator tool (In-Place Method)

There are three different predefined services packages described in this datasheet based on the size of the customer's networking environment.

Part Number/SKU	Service Description
CON-NSX-V2T-MC64	VMware NSX-V to NSX-T Migration Promotion - <65 Sockets (REMOTE ONLY)
CON-NSX-V2T-MC128	VMware NSX-V to NSX-T Migration Promotion - <129 Sockets (REMOTE ONLY)
CON-NSX-V2T-MC256	VMware NSX-V to NSX-T Migration Promotion - <257 Sockets (REMOTE ONLY)

Project scope

This solution is strictly limited to the number of network components and parameter configurations as defined in the following packages. The following quantities reflect maximums or if the feature or scenarios are supported in the packages. Contact your Client Services Executive for service proposals to address scenarios not covered by the scope descriptions below:

SKU Offering			
	CON-NSX-V2T-MC64 Up to 64 Sockets	CON-NSX-V2T-MC128 Up to 128 Sockets	CON-NSX-V2T-MC256 Up to 256 Sockets
vCenters	1	1	1
NSX Managers	1	1	1
Hosts	32	64	128
Firewall Rules	500	2,000	2,000
Groups	50	200	2,000
Edge Service Gateways	5	50	50
Maintenance Windows	1	1	1
The following indicate if a feature or use case with integrations are addressable with this service:			
Cross vCenter	No	No	No
Cross vCenter Sites	N/A	N/A	N/A
Service Insertion / Guest Introspection	No	No	No
Automation with vRealize Automation	No	No	No
Automation with VMware Cloud Director or VMware Integrated OpenStack	No	No	No
Custom Automation Migration	No	No	No
vSphere or NSX-v Upgrades	No	No	No
Merges of Multiple NSX-V Environments	No	No	No
Custom Migration Scripting	No	No	No
NSX-T Design and Deploy to Prepare for Migration	No	No	No
VMware Cloud Foundation Design and Deploy	No	No	No

Out of scope

The following are out-of-scope items for this package.

- Any NSX-V feature or capability not supported by the NSX Migration Coordinator. ([See here for features supported by Migration Coordinator](#))
- Any network topology not supported by Migration Coordinator. ([See here for Network Topologies Supported by Migration Coordinator](#))
- Languages other than English, unless arranged in advance
- On-site delivery
- Onshore delivery, unless arranged in advance
- Country specific citizenship requirements
- No automation/integration with vRealize Automation, VMware Cloud Foundation, VMware Cloud Director, VMware Integrated Openstack, or custom migration scripting
- Service Insertion / Guest Introspection
- NSX-T Design and Deploy to prepare for Migration
- VMware Cloud Foundation Migration, Design and Deploy
- Modifying / updating Customer Cloud Management Platform (CMP) environment and blueprints
- Migration of multiple sites in Cross vCenter environment
- Migration of Layer 2 Bridges
- Any modifications on physical network devices and routing protocols manipulations
- Upgrade of existing virtual infrastructure
- Upgrade of VMware partner security virtual appliances
- Installation and configuration of custom or third-party applications and operating systems on deployed virtual machines.
- Operating system administration including the operating system itself or any operating system features or components.
- Management of change to virtual machines, operating systems, custom or third-party applications, databases, and administration of general network changes within Customer control.
- Remediation work associated with any problems resulting from the content, completeness, accuracy, and consistency of any data, materials, or information supplied by Customer.
- Installation or configuration of VMware products not included in the scope of this document.
- Installation and configuration of third-party software or other technical services that are not applicable to VMware components.
- Configuration of VMware products used for the service other than those implemented for the mutually agreed to use cases.
- Customer solution training other than the defined knowledge transfer session

Estimated Schedule

The project defined in this SOW is estimated to be for a duration of 4-6 weeks to 9-16 weeks depending on scheduling. VMware consulting services will operate according to a schedule agreed to by both parties. The consulting services are performed during normal business hours and workdays (weekdays and non-holidays).

The customer acknowledges that the estimated duration is indicative only and that VMware will not incur any penalty or forfeit any entitlement to payment, fees, or related

expenses if the consulting services are not provided in accordance with the estimated duration.

Access to customer environment and participation of the following Customer stakeholders is required for the Service to be performed:

- Enterprise Architect
- Network Architecture team leads
- Infrastructure Architect
- VMware Operations team leads
- Network Operations team leads
- Security technology team leads
- Firewall/DMZ team leads

SKU	Duration
CON-NSX-V2T-MC64	4-6 weeks
CON-NSX-V2T-MC128	6-10 weeks
CON-NSX-V2T-MC256	9-16 weeks

Project Activities

Phase 1: Initiate

VMware Project Manager hosts one (1) project initiation call with key Customer and VMware stakeholders.

Topics to be discussed include the following:

- Project business drivers, scope, and objectives.
- Project deadlines, estimated timelines, scheduling, and logistics.
- Identification of key Customer team members with whom VMware will work to perform the tasks defined in this SOW.
- Participating team members are confirmed and contact details are exchanged to schedule the project kickoff meeting.

Deliverables

- One (1) project initiation call

Phase 2: Plan

VMware leads one (1) project kickoff meeting with Customer project sponsors and stakeholders to review expectations about the purpose of the engagement, the delivery approach, and estimated timelines.

The following are the objectives of the meeting:

- Introducing the VMware team, roles, and responsibilities.
- Describing the project goals, phases, and key dates.
- Agreeing on the communication and reporting process and creating a communications plan.
- Validating the project expectations and clarifying roles and responsibilities.
- Confirming prerequisites are met as detailed in the solution checklist for specified solutions.

- Presenting the solution overview for specified solutions including expected project results and deliverables.
- The VMware Project Manager and the Customer Project Manager collaborate to develop the project plan.

Deliverables

- Communications plan
- One (1) project kickoff meeting
- Project Plan
- Solution checklist
- Solution overview presentation

Phase 3: Execute

The key activities for this phase are organized in the following sub-phases:

- Migrate
- Knowledge Transfer

Execute: Migrate

VMware performs the migration of the solution from the current to the desired state according to the Customer objectives, constraints, and policies.

Deliverables

- Migration Execution Plan Workbook

Execute: Knowledge Transfer

VMware conducts knowledge transfer sessions covering the design, implementation, and operational considerations relating to the scope of this project. VMware does the following:

- Conducts up to two (2) hours of knowledge transfer sessions for appropriate Customer representatives.

Note: For the avoidance of doubt, the Knowledge transfers herein do not comprise VMware product training or certification courses as offered by the VMware Education unit - <http://mylearn.vmware.com/mgrreg/index.cfm>.

Deliverables

- Knowledge transfer workshop presentation

Phase 4: Close

The VMware Project Manager conducts one (1) closure meeting with the Customer covering project status, next steps, and how to engage further with VMware.

Deliverables

- Engagement summary presentation
- One (1) closure meeting

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This service must be delivered and accepted within the first 12 months of purchase, or the service will be forfeited. Pricing for this service excludes travel and other expenses. For detailed pricing, contact your local VMware representative.

Appendix

Recommended Project Team

The following Customer stakeholders are required to deliver this service:

- Enterprise Architect
- Network Architecture team leads
- Infrastructure Architect
- VMware operations team leads
- Network Operations team leads
- Security technology team leads
- Firewall/DMZ team leads

Assumptions

- 100% remote delivery
- Product SKU based service (No WWPS SKU and/or SOW execution)

Prerequisites

The following are the technical prerequisites to deliver this service:

- ESXi version. Defined minimum: Min supported version : 6.5 P03 , 6.7 EP 06
- VMware NSX-T management plane and control plane deployed and configured with VMware recommended practices. Defined minimum: NSX-T Manager cluster must be installed before migration
- vCenter Server version. Defined minimum: Min supported version : 6.5 U1 or later ; 6.7
- NSX-V version. Defined minimum: Must be running on 6.4.4
- Customer already have NSX Data Center Advanced, Enterprise, or Enterprise Plus
- Clusters must be deployed in advance
- Minimum 32 CPU sockets and Maximum of 256 CPU sockets