xtravirt

VMware NSX-T
Planning Workshop

At a glance

VMware NSX-T™ is a key component of the Software-Defined Data Centre (SDDC) delivering network virtualisation across multi-tenant, Hybrid-Cloud, and containerised environments.

Xtravirt designs and builds strategies and solutions to solve complex IT challenges to unlock your full business and technology potential. If Software-Defined Networking (SDN) is on your roadmap then this is the place to start.

The **VMware NSX-T Planning Workshop** is a structured 2-day planning and strategy service delivered by Xtravirt that provides the following:

- First hand practical preparation and training from specialists, tailored to your environment. Leverage their experience to set the right approach for your organisation, thereby avoiding any potential pitfalls
- Expert coaching through strategy and planning sessions that identifies which focal areas will give you the greatest return on investment
- Findings captured directly from the sessions are documented, including key planning information around solution design, real world best practices, impacts and dependencies

Why NSX-T

NSX-T can enhance and simplify the data centre environment with network virtualisation as well as deliver immediate benefits to the business across a broad range of use cases. It offers application-centric security at the workload level to prevent the lateral spread of threats, and, due to its true cloud hybridity, security rules follow applications and workloads even across multi-cloud environments.

Feature benefits

- Provides a complete set of logical networking elements and services including: logical switching and routing, distributed firewalls, load balancers, Virtual Private Network (VPN), Quality of Service (QoS) and monitoring
- Multi-hypervisor, multi-cloud networking and security from one platform
- Capable of multi-tenant routing with Network Address Translation (NAT) & load-balancing available at the tenant level
- Generalised container plug-in architecture
- Ultimate workload mobility as security rules follow the workload through whichever cloud platform is required
- Scale-out distributed controller architecture
- Enable a non-disruptive deployment over existing physical networks and topologies, and supports multi-hypervisors

Key use cases

- **Application and container security and management** – increase security with micro-segmentation and dynamic firewalling, while reducing rule sprawl with central policy management. Environments can be isolated, enabling Mobile DMZ's and secure end user workloads (e.g. VDI).
- **Hybrid cloud network automation and optimisation** - speed up network provisioning and simplify service insertion, whilst reducing the risk of network changes with automatic policies that avoid manual errors.
- **Containerised application security** – the NSX-T Container Plug-in (NCP) will connect your Kubernetes container cluster to the rest of your SDDC infrastructure, providing seamless logical networking, load-balancing and security to your containerised applications.

Activities and Outcomes

Xtravirt's service delivers the following:

- Onsite training to gain a deeper understanding of what NSX-T is and how it works, including associated technologies and concepts
- Workshop session discussing organisation strategy requirements, constraints and operation readiness
- Capturing of specific use cases and definition of a high-level design approach and framework implementation model
- Presentation of documented findings including next step options

Workshop Schedule

DAY 1	SESSION 1	• Introduction to a SDDC • Network virtualisation with VMware NSX-T
	SESSION 2	• NSX-T key components and services overview • Deploying NSX-T outline • Bridging virtual and physical workloads
DAY 2	SESSION 1	• Introduction to NSX-T troubleshooting • Customer use case discussion
	SESSION 2	• High-level design workshop • Next steps for deploying NSX-T with Xtravirt

Other related services delivered by Xtravirt include Network Virtualisation Planning for VMware NSX-V and Cloud Automation for VMware vRealize services, as well as custom or bespoke services tailored to fit the specific customer requirements.

About us

Xtravirt is leading cloud and digital transformation consultancy. We believe in empowering enterprises to innovate and thrive in an ever-changing digital world. We enable our customers to unlock the full potential of cloud, datacentre and workspace technologies.

Xtravirt are a fully accredited VMware Professional Partner and VMware Master Services Partner.

vmware® PARTNER	vmware® PARTNER	vmware® PARTNER	vmware® PARTNER	vmware® PARTNER
MASTER SERVICES COMPETENCY DATA CENTER VIRTUALIZATION	MASTER SERVICES COMPETENCY DESKTOP AND MOBILITY	MASTER SERVICES COMPETENCY NETWORK VIRTUALIZATION	MASTER SERVICES COMPETENCY CLOUD MANAGEMENT AND AUTOMATION	MASTER SERVICES COMPETENCY VMWARE CLOUD ON AWS

Contact us

For more information on this and our other business solution services visit xtravirt.com or email us at info@xtravirt.com.