

BRING THE EFFICIENT OPERATIONAL MODEL OF VIRTUALISATION TO STORAGE, WITH VMWARE'S NSX



One of the most beneficial steps in realising the digital foundation is through virtualising your network with VMware's NSX.

NSX – A BRIEF HISTORY

2002

VMware introduced the first virtual switch to the ESX hypervisor, laying down the groundwork for the future of network virtualisation

2012

NSX matures into its own solution, considered the first and most fundamental step in VMware's vision for the future

2002 - 2014

VMware continues to develop virtualisation technologies to benefit organisations around the world

2020

Today NSX provides application security, traffic visibility and network agility to thousands of organisations



VMWARE'S GOAL

The realisation of a complete data centre virtualisation platform – **its own digital foundation.**

The challenges of the public cloud

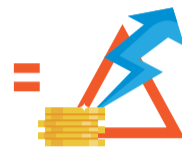
As organisations turn to the public cloud for increased agility and scalability, they face a new set of challenges.



New network and security constructs



New set of technology siloes



Increases expense, complexity and risk



Diverse network and management environments



Create barriers to portability and interoperability



Slows down cloud adoption

VMWARE'S NSX – AT A GLANCE

The challenges presented by the public cloud lead to VMware taking the next evolutionary step with NSX, creating the virtual cloud network delivered in software which offers:



End-to-end consistency from the data centre to branch to cloud



A consistent network experience and operations



Security that's embedded in the foundation



End-to-end encryption across DCs, clouds, branch and even the edge



Agility and scale through mobility and automation



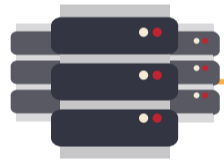
Ability to secure, automate and draw insights from applications and data



Removal of infrastructure siloes that drive complexity and operational expense

DELIVERING THE VISION WITH THE NSX PORTFOLIO

VMware delivers the vision of the virtual cloud network with a complete virtual network infrastructure, through the NSX portfolio. Within this are **two main pillars**:



NSX Data Centre
Networking and security for data centre workloads



NSX Cloud
Networking and security for public cloud workloads

Combined, the two solutions offer:



Helps create a true hybrid cloud model for networking and security



Allows IT admins to embrace multiple private and public cloud environments



Enables one cohesive strategy for network functions



Supports failover scenarios across multiple sites



Eliminates manual network configuration



Drives operational efficiency through network automation

ACHIEVING ADVANCED ANALYTICS, MULTI-CLOUD & SECURITY

By taking a single pane of glass approach to managing NSX, organisations can realise a multitude of benefits:



Analytics & visibility
operational tools that enable deep end-to-end visibility for monitoring, trouble shooting and auditing

Operational simplicity
simplified firewall operations and capacity monitoring

Multi-cloud security
peace of mind you can apply security to workloads anywhere

Enhanced compliance
FIPS 140-2 compliance and reporting

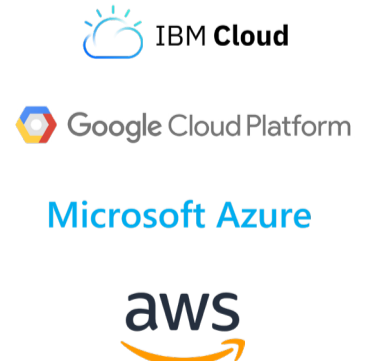
DRIVING VALUE WITH THE NSX PARTNER ECOSYSTEM

To support the evolution of the digital foundation with NSX, VMware partner with an extensive partner ecosystem. This includes:

Orchestration & Management



Cloud



Networking & Security Services



The vision of advancing and transforming both your network and security is focused on giving you the flexibility and agility needed to build a true hybrid cloud.

Ready to find out more about VMware's vSAN solutions?

We have a number of infrastructure and cloud assessments to help understand your requirements, followed by a workshop to define how vSAN can fit into your strategy. Contact us to start your digital foundation journey.

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