Nuage SD-WAN 2.0 Azure Virtual WAN

Nuage Integration with Azure vWAN

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From Nokia

Microsoft Azure
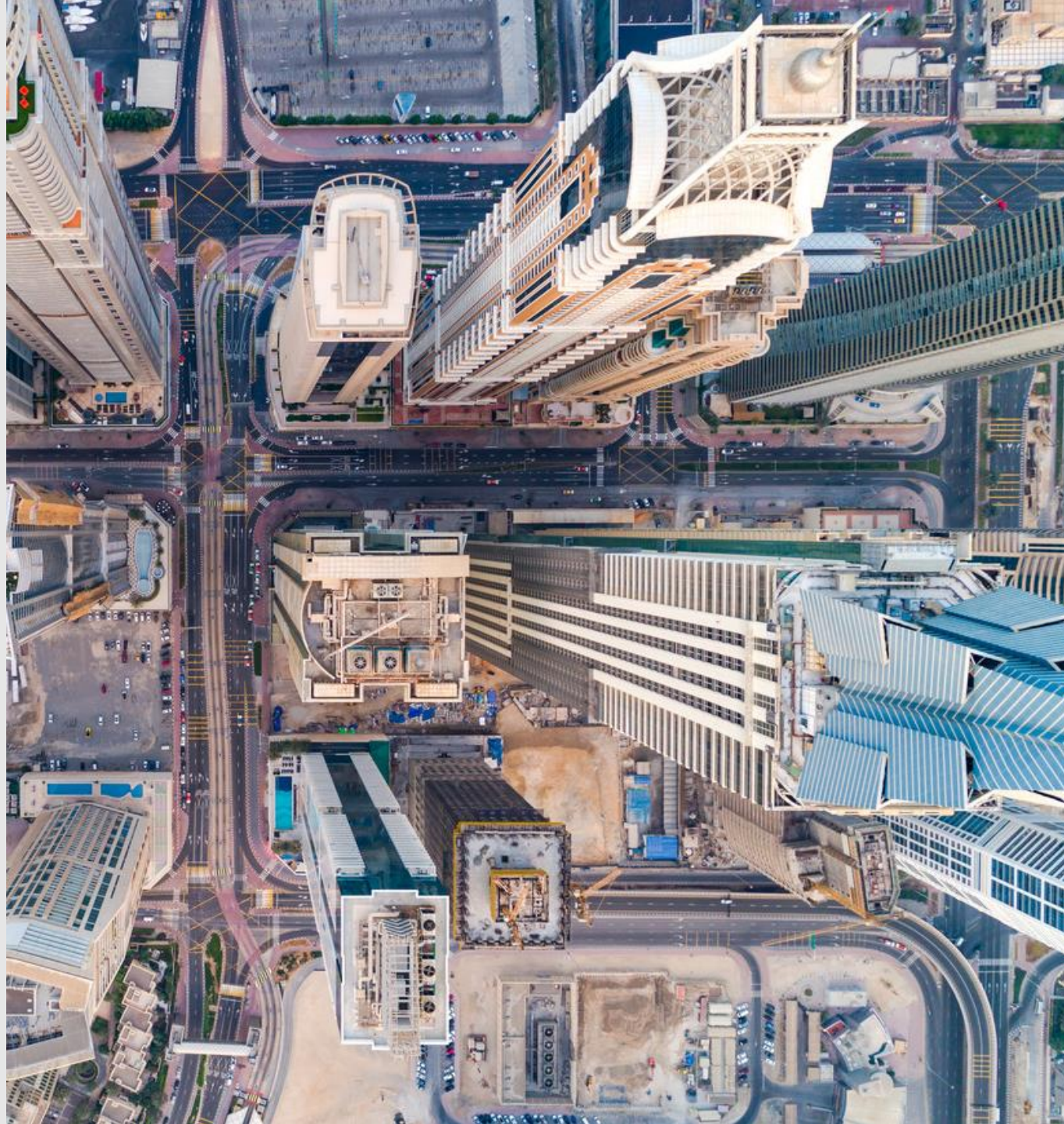
How can enterprises implement their multi-cloud strategy with flexibility and agility?

As enterprises transform their network they need flexibility and agility when implementing their cloud strategy while maintaining cost effectiveness. Ideally these services should be automated as part of the MSPs SD-WAN managed service offering allowing the enterprise to easily and efficiently consume the cloud services they need while focusing on their core business.

CHALLENGES

Enterprise's are being challenged to run their IT applications to drive agility and innovation. Most enterprises are adopting a comprehensive multi-cloud strategy to accomplish this. However, they need to do this while operating on budgets that are not growing. How can enterprises achieve these goals in a cost effective way?

IDEAL SOLUTION

The ideal approach is for enterprises to consume public cloud services through their MSP's managed SD-WAN service. However, MSP's must be equipped with the right technology that offers visibility and control of the entire enterprise network from private data centers, to public and SaaS clouds all from a single network governance model.

DESIRED OUTCOMES

With an MSP managed service powered by the right SD-WAN technology, barriers are removed and enterprises can implement any type of multi-cloud scenario they need for their business. They can program services from multiple providers and can leverage those resources to complement or replace existing private cloud capacity. Ultimately they can focus on business innovation.

Nuage Networks from Nokia

Virtualized Network Services (VNS) - SD-WAN 2.0

Enabling MSPs to transcend connectivity and empower enterprise IT to drive innovation and efficiency

Multi-cloud connectivity

Offers a flexible multi-cloud environment to unify and empower enterprise networks to provide the end-to-end application visibility and control required to deliver a range of IT services, such as the flexible and automated deployment of virtualized network functions (VNFs), or to provide programmable security across the entire network

Software defined security

Provides a flexible and automated programmable networking framework for deploying software defined security across the entire network. This framework accommodates for each enterprise's security goals and vendor preferences allowing for a range of security as a service (SECaaS) offerings packaged and delivered through the MSP's managed services.

Scalability and performance

Delivers a scalable infrastructure that scales across thousands of applications, hundreds of locations, a multitude of cloud services, and distributed compute serving mobile users, IoT-enabled people, and things.

Nuage SD-WAN Azure Virtual WAN

With SD-WAN 2.0, MSPs can flexibly satisfy any multi-cloud strategy with security and scale. MS Azure virtual WAN (vWAN) integration further exemplifies Nuage Network's commitment to the cloud by providing secure, optimized and automated branch connectivity to Azure vNET cloud resources. This solution allows enterprises the luxury to focus on their business with innovation and agility in a cost effective way.

Multi-cloud connectivity

Provides a common policy control framework across the entire network to connect all clouds. Enables MSPs to support their evolving enterprise customer's multi-cloud connectivity requirements. Integration with Azure vWAN provides simplified, secure, scalable, and fast automated connectivity to essential cloud services and workloads.

Intrinsic security

Security is built into the solution in various ways. Each branch is secured with embedded security including stateful FW, URL filtering, IPS/IDS, SaaS and app control. Each branch is connected to Azure vHUBs with secure IPSec tunnels and then secured within Azure private backbone with branch to vNet connectivity.

Simplified Operations

Integration with Azure vWAN service offers simplified and "easy to use" one click connectivity for enterprise branches to access all subscribed MS Azure cloud resources. This is facilitated by comprehensive API integration from Nuage Networks SD-WAN platform into MS Azure WAN environment.

Enabling digital transformation through cloud networking for IXOM

"The results have been fantastic. It's been revolutionary for our employees – they can now run what they need, when they need it,"

– Rowan Start, Chief Information Office, IXOM
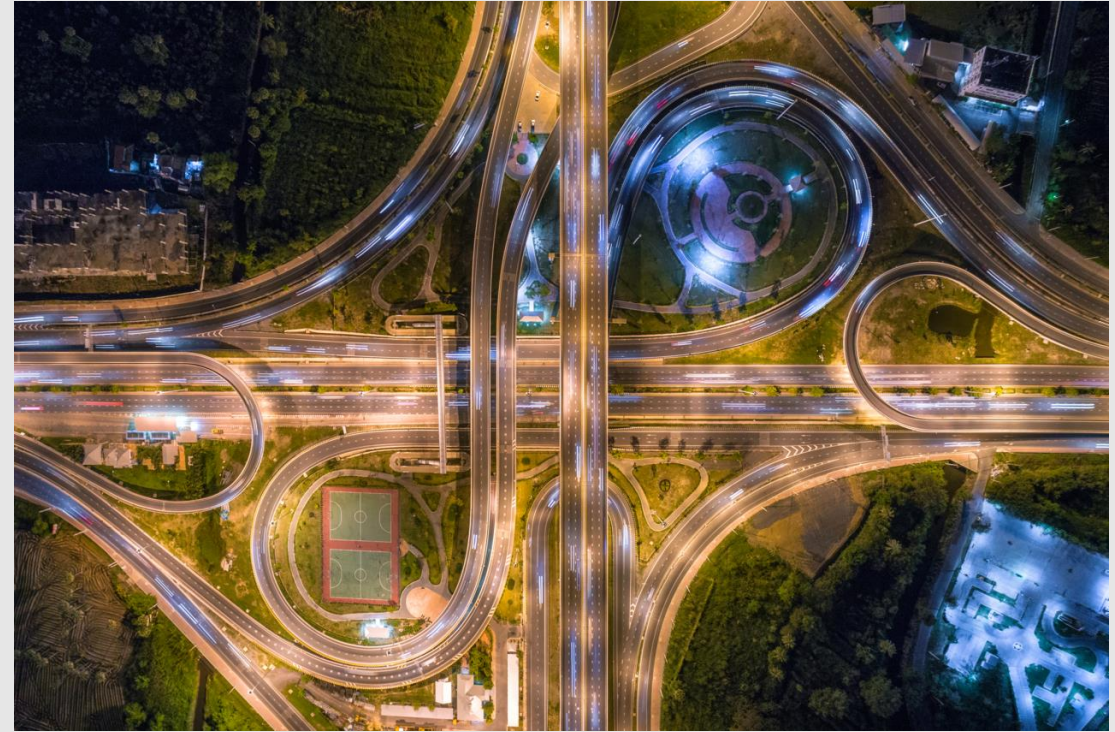
The solution

British Telecom (BT) partnering with Microsoft and Nokia's Nuage Networks has delivered a brand new SD-WAN cloud networking solution in Azure, enabling their (IXOMs) digital transformation.

Application performance

Protect application performance into and across the cloud, and extend your network connectivity beyond the physical network and into the virtual one.

Application development

Use your cloud as a place for application development and deployment and as a way to free yourself from your traditional on-premise data centre.

Partner with an MSP powered by Nuage Networks and Azure to drive your multi-cloud strategy

For more detailed information and use case examples please visit:

https://www.nuagenetworks.net/

or contact:

Jeff Chuck

Jeff.Chuck@Nokia.com

+1.513.374.7743

Buck Peterson

Buck.Peterson@Nokia.com

+1.214.763.3754