A Global Chemicals [Paints & Coatings] Organization

The challenges

- The communication between Azure Virtual Networks and data-centre was insecure, inefficient and uncontrolled.

- Complex and operational intensive usage of static routes causing frequent issues in the network.

- Flat network hierarchy.

- Manual infrastructure provisioning.

The solution delivered by Orange Business

- Templated architecture pattern to deploy Azure Virtual Networks providing seamless connectivity options.

- Infrastructure as code delivered and release pipelines implemented to manage the infrastructure.

- Centralised management of firewall policies and secure virtual hub configurations using Azure Firewall Manager.

- ExpressRoute Circuits and Z-Scaler integrations with Secured Virtual Hub/Azure Virtual WAN environment.

- Documentation

How did we build for impact?

- **Common transit network layer implemented to enable seamless and secure connectivity with data-centre services for Azure Virtual Networks.**

- **Automation & auditable implementation of infrastructure using Azure DevOps.**

- **Centralized security policies for application communication flows security.**

- **Minimal/No usage of static routes and controlled internet access using Z-Scaler proxy services.**

Azure Virtual WAN and Cisco Virtual ASA customer story

A Global Information Media & Entertainment Organization

The challenges

▪ Traffic between Azure Virtual Networks and Data centre to be NATed using customer public address space.

▪ Traffic required to traverse through ExpressRoute Circuits.

▪ Full mesh communication should be enabled between various regional data centres and multi-region Azure Virtual Networks.

The solution delivered by Orange Business

▪ Connectivity enabled between various regional data centres and multi-region Azure Virtual Networks

▪ Delivered NATing capability in Azure Cloud to use customer public address space while communication with data-centre resources using ExpressRoute circuits.

▪ Documentation

How did we build for impact?

▪ **Cross-Region full mesh connectivity.**

▪ **Common transit network layer implemented to enable seamless connectivity with data-centre services for Azure Virtual Networks.**

▪ **NATing capability in Azure Cloud using customer public address space.**

▪ **Scalable design pattern for extension into new Azure regions.**

Cloud networking assessment package

Pricing

Depending on scope

This package audits your existing network set up, documents it and provides an opportunity to define your requirements to address your current challenges or future roadmap. This allows you to right-size your network in order to obtain the application performance that your business requires.

Service description

- Collection / gather data from your existing Network
- Assessment of your network management tools
- Establish interviews with key individuals to complete and review this data
- Benchmark the findings
- Workshop to review findings, understand challenges and roadmap assistance to define requirements

Output: Defined requirements and future road map recommendations

Specifications

The scope of Audit includes the following domains:

- Network topologies
- Performance indicators
- Application performance
- Cloud presence assessment
- Network optimization
- Security

Benefits

Enable you to make an informed decision to address future network or remediation

- ✓ Decide POC or new project
- ✓ Cloud Service provider integration
- ✓ Network documentation
- ✓ Future roadmap solutions
- ✓ Assistance with technical challenges