

Customer Setup Overview

Our customer is a major financial corporate with operations covering the whole of Africa. Their network setup consists of huge headquarters containing the mission critical services connected to many remote offices via a global service provider. Our customer network infrastructure is built mainly using Cisco Data Center, Routing & Switching and Security products and technologies.

Business Challenges

- Data center architecture is not resilient.
- Data is sent insecurely over service providers.
- Traffic routing over WAN cause availability and quality of service issues.

How We Helped

During the project engagement our consultants utilized their extensive technical knowledge and business experience to:

- Identify and address the data center migration prerequisites.
- Migrate the data center from four Cisco Catalyst 6500 switches to four Cisco Nexus 7000.
- Use the Cisco Nexus 7000 VDC feature to deploy Data Center/Core collapsed model.
- Use the Cisco Nexus 7000 OTV feature to virtually extend the data center between two separate locations.
- Deploying Cisco Catalyst 6500 switches as a data center service layer.
- Secure the data center servers using multiple Cisco ASA.
- Secure traffic over service providers using Cisco GETVPN, DMVPN and Certificate Authority technologies.
- Use a combination of static and dynamic routing protocols to achieve highly available traffic engineering for traffic over WAN.

Benefits for Business

We have assisted our customer to gain the following benefits:

- Augment the availability of the business application by increasing the resiliency of the data center.
- Maintain the data confidentiality as it passes through the service providers.
- Intelligently route traffic over WAN to provide differentiated service treatment for different types of traffic.

Product List

- Cisco Nexus 7000 switches
- Cisco Catalyst 6500 series switches
- Cisco Catalyst 4500 series switches
- Cisco 3700 series switches
- Cisco ASR WAN aggregators
- Cisco 2800 series WAN routers
- Cisco 3800 series WAN routers
- Cisco ASA 5585 firewalls

For More Information

To find out more about our services, please visit our web site: www.connectps.com