



Cisco on Cisco Case Study

Cisco Firewall Services Module Deployment at Scientific Atlanta



Cisco Information Technology
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Overview

- Challenge

 - Bring Scientific Atlanta headquarters network into conformance with Cisco IT security standards

- Solution

 - Cisco Catalyst® 6500 Series switches with Cisco Firewall Services Modules

- Results

 - Improved security and availability

- Next Steps

 - Convert DMZDC FWSMs at Scientific Atlanta from single-context routed mode to multi-context transparent mode

Challenge

- Bring Scientific Atlanta network into conformance with Cisco IT security standards



- Replace existing non-Cisco firewalls that were approaching end of support by vendor

Solution



Cisco Catalyst 6500 Switches and FWSM Modules

- High-availability Pairs of Cisco Catalyst Switches
- Firewall Service Modules

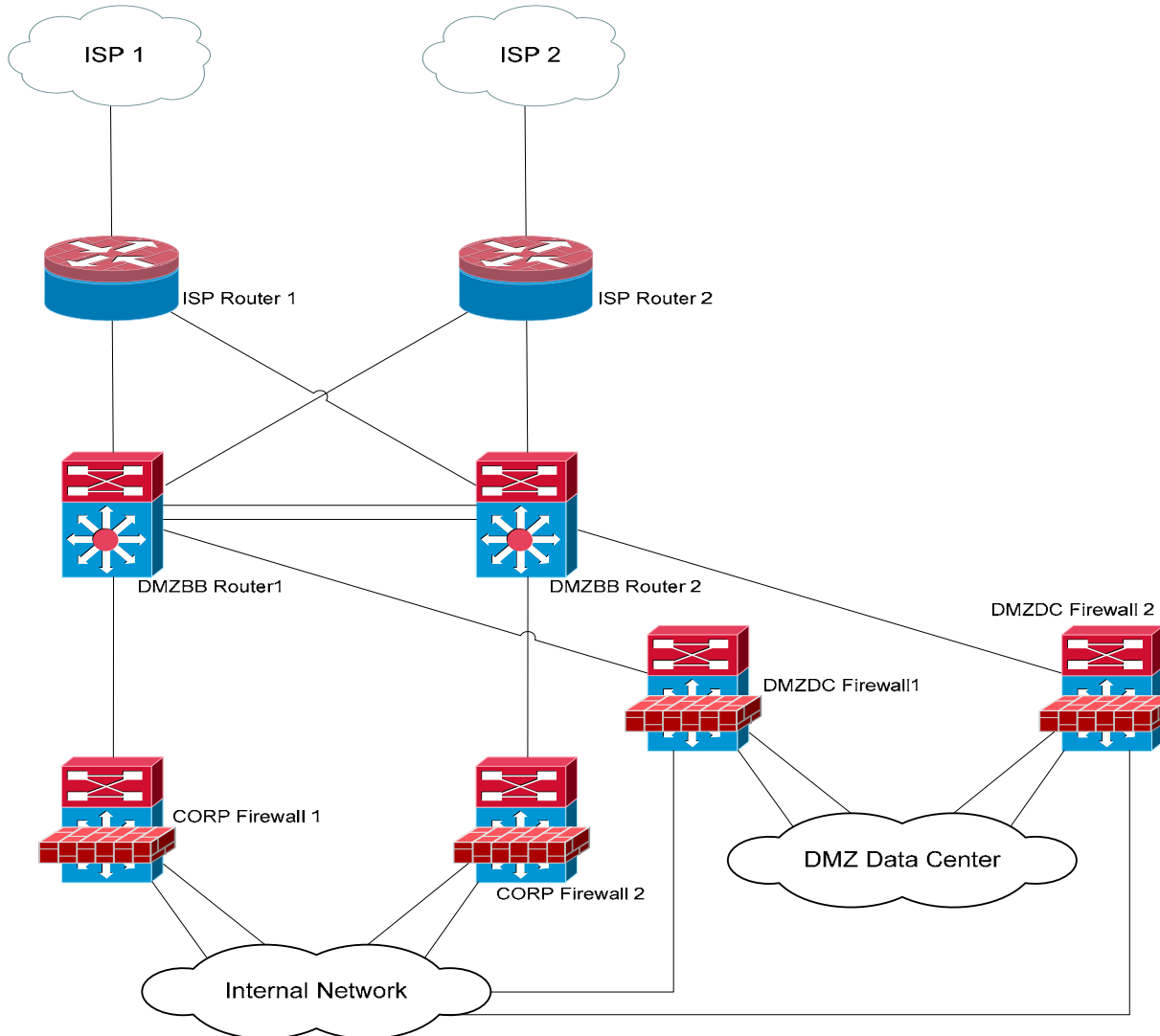
High performance stateful inspection firewalls

High availability with nearly instantaneous failover

Deep packet inspection

Seamless integration with Cisco global network

Solution



Results

- FWSMs have provided conformance with Cisco IT standards and seamless integration with Cisco global network
- Offer superior performance and capacity for future growth
- Reduced total cost of ownership
- Increased reliability and availability compared to previous solution
- Failover capability nearly instantaneous

Next Steps

- DMZDC Firewall currently deployed in Routed Mode
- Multiple-context Transparent Mode expected to become Cisco IT global DMZDC standard in the near future
- Once the new standard is approved, the DMZDC FWSMs at Scientific Atlanta will be converted from Single-context Routed Mode to Multi-context Transparent Mode



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