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Objective: Seeking a position as a Network Engineer/ IT professional for a company.

Professional Summary

A dedicated IT professional with experience as a network engineer. Security plus certified with experience in all aspects of building and maintaining a network infrastructure. Proficient with Cisco, Brocade and Extreme Networks equipment. Network Engineer in charge of multi-domain network spanning across South/Central America and the Caribbean. Team player willing to help and grow in any IT department.

- Fluent in Spanish and English
- Holds Top Secret/SCI Security Clearance
- Excels in high pressure environments
- Troubleshooting across Multiple OSI Layers
- Proficient at construction and maintenance of LAN/WAN environments
- Proficient with Cisco ISE and Cisco Prime

Experience

Combined Enterprise Regional Information Exchange System (CENTRIXS) Network Engineer

SOS International
U.S. Southern Command, Doral, FL May 2021-Present

- Configured and maintained multi domain network spanning over 27 countries and 20 U.S. Navy Ships. Network Consists of 280 Cisco Routers and Switches, 88 Aruba 7005 access points used for the NSA commercial solution for classified information.
- Control Cisco Adaptive Security Device Manager (ASDM). Creates and modify firewall entry's ensuring the network complies with DISA and NSA security standards.
- Built SolarWinds Server with Network Configuration Management Tool, Security Event Manager, and NetFlow Traffic Analyzer installed. Configured each network device to report all pertinent information back to the server.
- Reconstructed IP scheme for private domain. Unified network to follow easy to troubleshoot IP standard. Created database for future technicians to follow when configuring new devices.

Staff Sergeant United States Air Force

Dover Air Force Base, Dover, DE Sep 2015-May 2021
Cyber Transport Systems Craftsman (7-Level Network Architect)

- Team lead for full network redesign. Replaced 545 legacy Enterasys and Brocade Switches and routers installing full Cisco network. Upgraded Unclassified network backbone to 10 Gb from 1 Gb. Also upgraded Classified Network backbone to 1 Gb from 100 mb.
- Redesigned IP scheme for Dover Air Force Base. Reutilized 3 class C networks and removed legacy IP reservations in DNS freeing up 350 IP addresses.
- Upgraded U.S. Army Corps of engineer's network. Replaced legacy pair-gain equipment with T1 fiber path. Installed 8 strands of single-mode fiber and 2 routers. Reconnecting 9 divisions of U.S. Army Corps of engineers across 45 divisions.
- Facilitated White House Communications Agency for visit of POTUS and SECDEF. Isolated and patched 6 LAN lines, allowing teams to set up necessary equipment on Dover Air Force Base.
- Reconstructed Classified Network enclave package. Built 4 VLANS unifying management IP Scope increasing uptime for 1.2K users.

- Mitigated 72 Hour COMSEC outage. Identified faulty IP in programmed into equipment. Secured network VPN link to National Security Agency.
- Upgraded path for Honeywell security sensors upgrade. Patched single mode fiber to 110 buildings from base cable vault.
- Built temporary site for 2 Air Mobility Command Inspector General Teams. Installed 16 switches and 2.5K feet of Cat 5e cable. Allowed 155 personnel a central location to perform their duties.
- Patched multiple links from Base Demarcation point to newly installed servers. Interlinked 8 bases through long-haul connections allowing remote rekeying to all radios across Air Mobility command. First base to complete 1.4M radio circuit upgrade.
- Created baseline configuration document for newly installed Cisco equipment. Baselines differed for Switches and Routers as well as Classified and Unclassified Networks.
- Network team lead for Command-and-Control camera project. Surveyed 20k ft fiber plan across 5 buildings. Facilitated Contracted install team through duration of $75k project install.
- Identified faulty link to Armed Forces Medical Examiners System. Returned service to critical Classified network allowing Department of Defense dignified transfer mission to resume.
- Selected to serve as point of contact for Department of Defense wide Security Content Automation Protocol (SCAP) scanning and security program and Security Technical Implementation Guide (STIG) problem correction program. Corrected thousands of findings (issues within software that are viewed as a threat to a system) across Dover AFB's Servers. Wrote a step by step guide in order to standardize process for future System admins, saving hundreds of man hours. Taught 4 classes fully training more than 30 civilian personnel in SCAP and STIG procedures across multiple classes, to ensure 3rd party civilian organizations were equally secure.

Base IT Asset Manager (December 2019-July 2020)

- Primary point of contact for receipt, accountability and distribution for all IT Projects of Dover AFB.
- Software license manager for Dover Air Force Base. Tracks over 20,000 software licenses across the base. Conduct quarterly scans to maintain all correct number to stay within enterprise license agreements. Ensure all new software that is purchased is legal and up to security standards. Conducts purchases for all new proprietary software.
- Validates all assets are accounted for at all times. This includes tracking 11,649 assets in our tracking software (Defense Priorities and Allocation System), valued at $16.6 million and an additional 8 thousand assets not able to tracked in DPAS valued at $2 million
- Facilitated $760K IT asset refresh; Identified 584 machines that were out of life cycle and thus were not adhering to the Defense Information systems Agency's security standards. Priority matrix was created to execute the distribution of assets based on level of impact and ensuring no gaps in service to maintain continuous operations.
- Appointed as one of the project leads on a $4.7M Voice over Internet Protocol upgrade. Responsibilities included Initial building survey of phones to have accurate count of phones to be replaced, in processing and inventory of each individual new VoIP phone, identifying points of contact for each work section/ different building to take accountability for their respective phones coming in, and receiving old phones for secure disposition. This amounted in 5.8 thousand new VoIP phones being put in place and 12 core network devices set up to handle the requirements of the VoIP modernization.

EDUCATION

AAS in Electronic Systems Technology from Community College of the Air Force

Currently Pursuing **BS in Cloud Systems Technology** from Western Governors University, Expected Graduation 2022

CERTIFICATIONS
CompTIA Security+