

Jason Carpenter

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Senior Network Operations Specialist with thirteen years of network engineering/administration and five years of information assurance/network security experience. Competencies include vulnerability assessment, security control management, traffic analysis, network architecture configuration, and systems management.

Skills

Qualifications

- Active TS/SCI security clearance
- Distribution and access layer routing and switching
- Network access control and Comply-to-Connect
- IT policy drafting and review
- IAVA/IAVM implementation and compliance
- Active Directory

Platform Experience

- Cisco Networking
- Fortinet Firewalls
- ForeScout
- Aruba Wireless
- VMWare VSphere/ESX/ESXi and other virtualization platforms
- Windows 10/11 administration
- General Dynamics TACLANes

Certifications

- Cisco Certified Network Associate
- CompTIA Security Plus

Experience

Network Operations Specialist at GCORP

Nov 2017 - Present (6 years and 7 months)

As the senior Network Operations Specialist for a military installation, I am responsible for maintaining both unclassified and classified network enclaves. This involves configuring, installing, and managing all enterprise network devices on base, which include, but are not limited to: Cisco Catalyst switches and General Dynamics KG-175s. This requires distribution and access-level networking expertise, as well as intimate knowledge of hardware encryptors and how they interface between the two enclaves.

- Conducted site survey, planning, and implementation of production network servicing over 10,000 users to add network redundancy
- Rewrote and updated a major installation's infrastructure documentation
- Consulted on and assisted implementation for wireless DBIDS access control system
- Managed and maintained critical networks consisting of 600 Cisco network devices servicing 8,000 end user devices
- Conducted several installation-wide tech refreshes of all EOL/EOS network devices with minimal downtime to the user
- Conducted an installation-wide subnet reassignment in support of upcoming Cisco SDA

Network Test Tool Specialist at Constellation West

May 2016 - Nov 2017 (1 year and 6 months)

- Conducted network traffic analysis on multiple DoD and Marine Corps systems and "systems of systems"
- Installed and managed testing infrastructure to include Cisco, Juniper, and Brocade network devices

- Utilized multiple network test devices (Spirent Mu-8000, Linktropy, BreakingPoint) to simulate network infrastructure, traffic, and cyber-attacks across a test infrastructure to test and analyze the capabilities of DoD and Marine Corps systems and “systems of systems”
- Provided consultation to various Marine Corps entities in support of traffic analysis requests
- Built and supported a wireless lab to support Commercial Solutions for Classified (CSfC) wireless testing, incorporating 802.1x for wireless

Cyber Security Specialist Sr. at GCORP

Sep 2014 - May 2016 (1 year and 7 months)

- Ensured IAVM compliance on 1000+ end user systems
- Conducted patch management in Windows environment (XP, 7, Server 2003, Server 2008) and configured WSUS (Windows Server Update Services).
- Utilized various DoD vulnerability scanning software - BeyondTrust Retina and SCAP Compliance Checker.
- Maintained and issued PKI (Public Key Infrastructure) access tokens for classified networks supporting 1000+ users.
- Conducted incident management and response (spillages, cross-domain violations, malware, intrusions) on unclassified and classified networks.

United States Marine Corps

Aug 2005 - Sep 2014 (9 years)

Cyber Security Technician

- Conducted incident management and response (spillages, cross-domain violations, malware, intrusions) on unclassified and classified networks.
- Implemented, configured, and monitored the enclave defense suite: DSID (Deployed Security Interdiction Device) consisting of Fortinet firewall, McAfee IPS, and Cisco routers and switches.
- Implemented and managed McAfee ePolicy Orchestrator on classified and unclassified networks supporting 1000+ systems
- Oversee network planning and advise on security implementation
- Conducted patch management in Windows environment (XP, 7, 2003, 2008) and configured WSUS (Windows Server Update Services)
- Utilized various DoD vulnerability scanning software - BeyondTrust Retina and SCAP Compliance Checker
- Reported vulnerability assessment findings and developed Plans of Action and Milestones (POA&Ms) to remediate identified vulnerabilities
- Configuring, troubleshooting, and managing Cisco routing/switching network (EIGRP, BGP, ACLs)
- Conducted STIG implementation across enclaves on Cisco and Windows systems
- Maintained and issued PKI (Public Key Infrastructure) access tokens for classified networks supporting 1000+ users

Data Network Systems Specialist

- Installed, configured, and managed unclassified and classified tactical data networks supporting 600+ users
- Provided Active Directory support for approximately 600 workstations
- Maintained/configured approximately 600 workstations (DNS, WINS, DHCP and group policies) 20 network printers, and share drives
- Managed Cisco routing/switching network in conjunction with various multiplexers and transmissions systems (MRC-142, WPPL, SWAN, LMST, Promina-800)
- Planned, administered and operated Systems Integration Tests (SITs) for numerous new Programs of Record (PORs), to include classified and unclassified “systems of systems”
- Conducted IPv6 capability and interoperability tests on various PORs
- Virtualized the services architecture of a Systems Integration Environment to ESXi 4.5