Erik Santos
Network Engineer - 1st Marine Division Network Operations Center

Columbus, OH - Email me on Indeed:

An experienced network engineer recognized for providing mentorship, strategic planning, and personnel development. Able to maintain confidentiality of sensitive data at all times. Capability to adapt quickly to new environments, concepts, and systems. Ability to perform well within a fast-paced, deadline-driven environment that requires the management of multiple projects at once, without compromising quality and service levels.
• Cisco Certified Network Professional Routing and Switching
• Cisco Certified Network Associate Security
• Active Secret Clearance
• Bilingual; Spanish and English
Willing to relocate to: Sacramento, CA - Dallas, TX - San Diego, CA
Authorized to work in the US for any employer

WORK EXPERIENCE

Network Engineer
1st Marine Division Network Operations Center   -   Camp Pendleton, CA - 2012 to Present

•Provide in-depth knowledge and experience in enterprise network design, management, and configuration.
•Supervise teams of up to 20 personnel and provide guidance and training in network design and configuration, cyber security, firewall administration, troubleshooting and resolution of data network connectivity, and operational continuity/disaster recovery.
• Design and implemented Policy Based Routing to Cisco 3945 and Cisco 3845 routers with multi-homed ISP links for dynamic load-sharing.
• Designed and implemented training programs ensuring staff was able troubleshoot the cause of network component outages. Subjects include:
o EIGRP, RIPv2, BGP,VRF, DMVPN Phase 1-3, L2/L3 Ether Channel, STP, VTP, FHRP, GRE/IPSec tunneling, DHCP, Policy Based Routing, NAT, VoIP, SNMP, 802.1x/TACACS+, Route-Maps, Prefix-Lists, VLAN, PVST+.
• Configured In-Band and Out-of Band management of all networking devices with our network. Examples are:
o SSH Version 2, , AAA, RADIUS, TACACS+, SNMPv3.
• Supervised the Help Desk operations in delivering TIER I and TIER II customer support to over 5000 network users by providing user assistance with computer hardware and software issues, handling customer telephone and e-mail issues, and providing network solutions through in-depth troubleshooting skills.
• Maintained domain infrastructure including DNS, DHCP and Exchange services that provided services to over 5000 network users.
• Administered FortiGate firewalls configured in an active-passive cluster in conjunction with access control lists to provide Information Assurance boundary and defense-in-depth protection between public network and Department of Defense network infrastructures
• Responsible for system hardening and performing IOS upgrades to Cisco routers and Catalyst switches in order to mitigate any existing vulnerabilities and bugs.
• Configured and maintained Cisco Unified Communications Manager 10.5 that tied into the Defense Switched Network.
• Assisted in writing the Standard Operating Procedures with thorough explanations of technologies utilized and configurations within the network infrastructure.

•Created portions of information technology plans based on an understanding of the customer's organizational strategic direction, technology context and needs.
•Assisted leadership in determining technical direction of the organization. Researches, analyzes, recommends and implements new technologies, standard processes, tools and techniques.
• Provided network baseline measurements and analysis utilizing the following tools: Solar Winds, SNMPv3, and Wireshark.

EDUCATION

High School Diploma
Madera South High School   -   Madera, CA

SKILLS

Cisco (5 years), Routers (5 years), Firewalls (3 years), Leadership Development (5 years), Project Management (5 years), Team Management (5 years), Switches (5 years), Network Administration (5 years), Network Security (5 years), Customer Service (5 years), Active Directory, Microsoft Office, Network Architecture, Network Design

LINKS

http://linkedin.com/in/erik-santos

MILITARY SERVICE

Service Country: US
Branch: United States Marine Corps
Rank: Corporal

CERTIFICATIONS/LICENSES

Cisco Certified Network Professional (CCNP)
Routing and Switching

CCNA Security

ADDITIONAL INFORMATION

TECHNICAL SKILLS
Networking:
LAN/WAN, DHCP, BGP, iBGP, eBGP, EIGRP, RIPv2, DMVPN Phase 1-3, IPSEC, VRF, VTP Version 1-3, PVST+, Rapid Spanning Tree, Spanning Tree, Policy Based Routing, Access Lists, Route-Maps, Prefix-Lists, Distribution Lists, AAA, VLANs, Etherchannels, LACP, PAGP, GLBP, HSRP, SMTP, POP3, GRE, TCP/IP, UDP, SSH, NetFlow, ICMP, LDAP, Active Directory

Hardware:
Cisco Integrated Service Routers - 2900, 3700, 3800, 3900, 4000
Cisco Catalyst 2960, 3560, 3650, 3750, 3850
BlueCoat Proxy

Microsoft Office: Word, Visio, Excel, OneNote

Vendor Software: VMWare ESXI, VMWare VCenter, VMWare VSphere, SolarWinds, WireShark, Cisco Secure Access Control System, Cisco Unified Communications Manager