Naveen K

Network Engineer - GE Health Care

New York, NY - Email me on Indeed:

Willing to relocate: Anywhere

WORK EXPERIENCE

Network Engineer

GE Health Care   -   Barrington, IL - February 2016 to Present

Roles & Responsibilities:
• Install computer networks such as local area networks (LANs), wide area networks (WANs), the Internet, intranets, and other data communications systems.
• Install server hardware and software infrastructure
• Support administration of servers and server clusters.
• Manage system back up.
• Restore protocol.
• Document network problems.
• Support network and computing infrastructure.
• Install and maintain network services, equipment, and various devices.
• Configuration of routing and switching equipment
• Configuration of hosted IP voice services;
• Remote support of on-site engineers and end users/customers during installation;
• Remote troubleshooting and fault finding if issues occur upon initial installation;
• Capacity management and audit of IP addressing and hosted devices within data centers;
• Liaising with project management teams, third-line engineers and service desk engineers on a regular basis;
• Switches Replace branch hardware with new 2851 routers and 2960 switches.
• Configured OSPF on CISCO devices with multiple routing processes and redistributed them. Tested and hands on experience in multi area OSPF topologies.
• Worked on WLAN 802.11a / b/g/n / ac, Bluetooth and WLAN features, WLAN security-WEP/WPA/WPA2, WPS, WMM, u-APSD, SSL and 802.1x based authentication schemes.
• Analyzed customer application and bandwidth requirements, ordered hardware and circuits, and built cost effective network solutions to accommodate customer requirements and project scope.
Environment: Cisco 2851/2960 switches and Cisco 3640/12000 /7200/3845/3600/2800 routers, Nexus 5000, WLAN 802.11 a/b/g/n devices, WLAN security and Wi-Fi Access Points

EDUCATION

Bachelor's in Electronics & Communications Engineering

JN Technology University
2007

SKILLS

CISCO (10+ years), SWITCHING (9 years), OSPF (8 years), LAN (8 years), SECURITY (8 years)

ADDITIONAL INFORMATION

• Over Ten (10+) years of experience in network design, implementation, troubleshooting and managing large-scale enterprise networks; have provided Level-2 & 3 support for Network Operations Center as per Organizational requirement.
• Adept at utilizing network monitoring tools isolating network security deficiencies and creating comprehensive report of network issues.
• Expert in security trend reporting and scalable network protection.
• Expertise in Cisco Routing, Switching and Security with Cisco hardware/software (heavy Cisco shop) experience.
• Strong knowledge on Cisco Catalyst Series 3750, 4500, 4900, 6500; Nexus 2000, 5000, 6000 and 7000 series switches.
• Hands on experience with Cisco Routers, Cisco Switches, Load Balancers and Firewalls.
• Experience with Nexus models like 7K, 5K, 2Kseries, Cisco router models like 7200, 3800, 3600, 2800, 2600, 2500, 1800 series and Cisco catalyst 6500, 4500, 3750, 3500, 2900 series switches.
• Experience in working with Nexus 8000 and 9000 Series Switches.
• Expertise in configuration of HSRP, VRRP between CISCO 7K and 8K Catalyst Switches.
• Expertise in Installing and Managing High End servers in Data Center.
• In depth knowledge and hands-on experience in Tier II ISP routing policies,Network Architecture, IP Sub-netting,VLSM, TCP/IP, NAT,DHCP,DNS,FT1/T1/FT3/T3 SONET POS OCX/GigE Circuits and Firewalls.
• Experience in working with Cisco Nexus Switches and Virtual Port Channel configuration.
• Design and configuring of OSPF, BGP on Juniper Routers (MX960, MX480) and SRX Firewalls (SRX240, SRX550).
• Hands on Experience on IDS & IPS Network Security Firewalls
• Maintain sensors including scripting, updating IDS/IPS vendor signatures, fine-tuning, support of recap of sensors to the client environment, and troubleshooting and resolving of networking problems.
• Working knowledge of relationships between Security System tool alerts, signatures, rules and events.
• Experience in working with BGP route-path optimization, peering, and ISP performance.
• Thorough understanding of BGP route optimization and path selection, including all 11 BGP selection criteria
• Experience with multi-homed ISPs actively balancing and optimizing at least four ISPs simultaneously.
• Full understanding of both confederations and route-reflectors.
• Strong knowledge on TACACS+, RADIUS implementation in Access Control Network.
• Diagnose Layer1, Layer2 and Layer3 fault-related cases by effectively utilizing software diagnostics and tools.
• Experience on working with Level-3 infrastructure
• Knowledge of implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, Ether channel, STP, RSTP and MST. Implementation of HSRP, VRRP for default gateway and Redundancy
• Knowledge of Quality of Service and experience designing/implementing QoS in datacenter & enterprise environment
• Responsible for Check Point and Cisco ASA firewall administration across global networks.
• Experience with Load Balancers for administrating and monitoring global & local traffic.
• Advance F5 load balancer configurations, including migrating configurations from Cisco ACE to F5 and general troubleshooting of F5 load balancers.
• Experience on working with Virtualization concepts like VM-Ware while implementing load balancers
• Experience with JUNOS platform and worked with IOS upgrade of Juniper devices.
• Experience with Solar Winds, Cisco Works, SNMP, Splunk, Wireshark Analysis and Monitoring
• Excellent at management, debugging and capable of quickly learning, effectively analyses results and implement and delivering solutions as an individual as part of a team.

Technical Competencies:

Cisco Platforms: Nexus 7K, 5K, 2K & 1K, Cisco routers (7600, 7200, 3900, 3600, 2800, 2600, 2500, 1800 series) & Cisco Catalyst switches (6500, 4900, 3750, 3500, 4500, 2900 series)Nexus 8K &9K Series Catalyst Switches. Level2 & Level 3 Infrastructure

Juniper Platforms: SRX, MX, EX Series Routers and Switches

Networking: Access-lists, Routing, Switching, Sub-netting, Designing, CSU/DSU, IPsec

Concepts: VLAN, VPN, WEP, WAP, MPLS, VoIP, Bluetooth, Wi-Fi

Load Balancers: Cisco CSM, F5 Networks (Big-IP)

WAN & LAN: WAN: Frame Relay, ISDN, ATM, MPLS, leased lines & exposure to PPP

Technologies: DS1, DS3, OC3, T1 /T3 & SONET, NCSLAN: Ethernet, Fast Ethernet, Gigabit Ethernet, & 10 Gigabit Ethernet, Port- channel, VLANS, VTP, STP, RSTP, 802.1Q

Firewalls: ASA Firewall […] Checkpoint,Cisco ASA

Tools &Protocols: Tools: Solar Winds, SNMP, Cisco Works, Wireshark, Splunk

Security Protocols: IKE, IPSEC, SSL-VPN

Network Protocols: TCP IP protocol stacks, RIP, OSPF, EIGRP, BGP,IBGP,EBGP STP, RSTP, VLANs, VTP, PAGP, LACP, MPLS, HSRP, VRRP, GLBP, TACACS+, Radius, AAA

Operating Systems: Windows 10/8/7/XP, MAC OS X, Windows Server […] Linux, UNIX,SNMP, TOSCA