

NETWORK CONSULTING ENGINEER /SWITCH ENGINEER

Summary

Seeking a challenging full time job opportunity in Networking Industry where I can enhance my technical and interpersonal skills. Have 2+ years professional experience in Network engineering, performing Network analysis, design, Implementing, capacity planning with focus on performance tuning and support of large Networks. *Graduated with Master's Degree in Electrical Engineering with concentration - Networking *Good knowledge in Routing and Switching with Cisco Hardware.

Highlights

- VLAN, VTP, VMPS, ISL, dot1q, Spanning-tree, RPVST.
- Layer 3 Switching: CEF, MPLS, Ether Channel
- QOS: Class -maps, service-policy, Shaping on routers
- Network Tools: Wire-shark, Cisco Packet Tracer, Planet Lab , GNS3
- Switches: 4500, 6800,7600, 3700, 3500,3750,3850
- Routing Protocols: EIGRP, OSPF
- Circuit switched WAN: T1/E1 - T3/E3/OCX (Channelized, Fractional & full). Metro - E circuits (AT&T and TWC circuits).
- Scripting Languages: Python
- Simulators: MATLAB.
- LAN Technologies: Ethernet, Fast Ethernet and Giga-bit Ethernet, VLAN, Inter-VLAN Routing.
- Microsoft Office: VISIO, POWERPOINT, EXCEL and Word.

Experience

Network Consulting Engineer /Switch Engineer 01/2016 to 03/2017 Booz Allen Hamilton Inc.

- Proficient in configuring Cisco Catalyst 2900, 3560, 3750, 4500, 6500 series and high performance data center switch like Nexus 9K devices.
- Expertise in installing, configuring, and troubleshooting of Cisco Routers (4351/K9 and 4331/K9).
- Extensively worked on Cisco 4500-X 16 SFP+, C6880-X-LE and implemented VSS.
- Expertise in Configuration of Virtual Local Area Networks (VLANs) using Cisco routers and multi-layer Switches and supporting STP, RSTP, PVST, RPVST along with trouble shooting of inter-VLAN routing and VLAN trunk using 802.1Q.
- Have good knowledge of troubleshooting, implementing, optimizing and testing of static and dynamic routing protocols such as EIGRP, OSPF.
- Working experience with REMEDY for ticket change management process.
- Managed inventory of all network hardware, Management and Monitoring by use of SSH, Syslog, SNMP, NTP.
- Working knowledge with monitoring tools like Solar Winds & network packet capture tools like Wire-shark.

Intern, Networking Engineer 07/2015 to 12/2015 XENONINFOTEK ,INC Fayetteville , NC

- Involved in L2 Switching Technology Administration including creating and managing VLANs, Port security, STP, Inter-VLAN routing, LAN security.
- Worked on the security levels with RADIUS, TACACS+.
- Completed service requests (i.e.
- IP readdressing, bandwidth upgrades, IOS/platform upgrades, etc.).
- Identify, design and implement flexible, responsive, and secure technology services.
- Switch Integration / Configuration using Putty during Indoor network setup.
- Environment: Cisco 2950, Cisco Router 1900 and Cisco 3550.
- My ClassBoard.com

Intern, Junior Networking Engineer 05/2013 to 12/2013

- Provided on-call support for installation and troubleshooting of the configuration issues.
- Configured Standard, Extended, and Named Access Lists to allow users all over the company to access different applications and blocking others.
- Planned and implemented Subnets, VLSM to conserve IP addresses.
- Configured STP for loop prevention and VTP for Inter-VLAN Routing.
- Performed troubleshooting of connectivity problems using PING and Trace route.
- Provided Technical support for improvement, upgrades, and expansion of the existing network architecture.
- Done troubleshooting of TCP/IP problems and connectivity issues in multi-protocol Ethernet environment Advanced Training Institute for Electronic and Process Instruments, Hyderabad Apprentice Trainee, Microcontroller systems (8051, PIC, ARM).
- Sept - October 2013.
- Developed Programs with the help of KEIL and implemented them in real life activities.
- Made projects like Lightning of LEDS, usage of Calculator and also Functioning of Brakes in Scooters.

Networking Engineer 01/2013 to 04/2013 NA City

- Configured and maintained RIP, OSPF and routing protocols on 2600 and 3600series Cisco routers.
- Maintaining and troubleshooting of connectivity problems using Ping, Trace route.
- Assisted in racking and stacking.

- Technical assistance for LAN/WAN management and customer issues.
- Other responsibilities also included documentation.
- Extra activities:.
- Ability to lift 50 -60lbs.
- Available during day shift and night shifts.
- Availability to work in all weather conditions irrespective of the place.
- Knowledge of troubleshooting, implementing and deployment.
- Good in designing the network structure with the help of VISIO.

Education

Master's : Electrical Engineering Networking May 2015 Stevens Institute of Technology City , State Electrical Engineering Networking 3.61/4.00

Bachelor's : Electrical and Communication Engineering May 2013 Osmania University City , India Electrical and Communication Engineering

Certifications

Network Configuration: Advanced switch/router configuration (Cisco IOS access list, Route redistribution/propagation). *Cisco Routers: ISR 4351/K9, ISR 4331 /K9 *Redundancy and management: HSRP, RPR, NSF/NSR *Physical interfaces: Fast Ethernet, Gigabit Ethernet, Serial.

Skills
C, C++, cables, Calculator, change management, Cisco IOS, Cisco Router, CISCO, Cisco Routers, com, CHI, Consulting, copying, client, designing, documentation, EIGRP, Engineer, Ethernet, fast, Fast Ethernet, features, flash, image, Internet connectivity, inventory, IP, Local Area Networks, LAN, managing, MATLAB, memory, Access, EXCEL, Microsoft Office, POWERPOINT, Share point, 2K, Word, NSF, network architecture, Network Design, network hardware, network setup, Network Implementation, Network Printers, Network, Networking, OSPF, printer, Programming, Protocols, Python, Research, RFP, RIP, Router, routers, Routing, SSH, servers, Site Design, SNMP, Switches, Switch, T1, TCP/IP, Technical support, Technical assistance, trouble shooting, troubleshooting, upgrades, VISIO, voice and data, WAN