

Sr. Network Engineer Sr. Network Engineer Sr. Network Engineer - Alcatel Lucent Sunnyvale, CA

Result-driven IT Professional with 8 years of hands-on experience in designing & implementing inter- networks using Cisco Products and Design schemes for IP addressing & Subnetting. Experience in IP Routing with BGP, OSPF, EIGRP, RIPv1 & v2. Hands-on experience in implementing MPLS, MPLS VPNs. In-depth knowledge of TCP/IP, IP protocol suite and OSI Model. Good experience on Cisco Routers: GSR 12000, 7600, 7500, 7200, 3800, 3600, 2800, 2600, 2500, 1800, 1700, 800 series. Experience on Catalyst Switches: 6500, 4000, 3550 and 2900 series. Good experience on various firewalls including Cisco ASA 5500 series, Cisco PIX 500 series. Good working knowledge of Cisco Works. Proficient in designing networks with MS Visio. Proficient in configuring, troubleshooting ACLs (Standard, Extended, and Named), Layer 2 protocols including VTP, STP, RSTP, PVRSTP+ and VLANs. Strong experience in designing and configuring of Layer 2/3 features such as VLAN, ISL, STP, RSTP, PVST, VTP, Port Security and L2PT. Strong experience in Configuring VLANs and implementing inter VLAN routing. Experience in upgrading and troubleshooting Cisco IOS to the Cisco Switches and routers. Good knowledge of authentication protocols including PAP, CHAP, WPA, TACACS+, and IPsec. Good knowledge of TCP/IP, 802.x protocols, VLSM, DS0, DS1, DS3, SONET/SDH, ISDN, BGP, IPV6, NAT, VPN, Frame-relay and ATM technologies.

Work Experience Sr. Network Engineer Alcatel Lucent - Agoura Hills, CA May 2016 to Present

Roles & Responsibilities:

- Responsible for Internal and external accounts and, managing LAN/WAN and checking for Security Settings of the networking devices (Cisco Router, switches) co-coordinating with the system/ Network administrator during any major changes and implementation.
- Designed and implemented an IP addressing scheme with subnets for different departments.
- Involved in the design & configured a LAN using 2691 series Routers and 2950 series switches.
- Used and maintained routing protocols like EIGRP, BGP on the Routers in the network.
- Worked on MPLS connectivity using VRF id and have broad knowledge on multi-protocol label switching for (MPLS-VPN) and traffic engineering (MPLS-TE).
- Managed the LAN Switching Environment including creating and maintaining VLANs, STP, Trunking, Port Security, Vlan Security etc.
- Set up and troubleshoot secured wireless access points for

broadband internet. Involved in configuration of WAN connection using a 3600 series Router and Frame relay method. Implementation of NAT with a pool of 2 public IP addresses. Involved in installing and configuring PIX firewall. Worked on migration from PIX to ASA. Designed and implemented DMZ for web servers, mail servers, FTP using PIX525, PIX535, ASA5550, ASA5520 also worked on Checkpoint Firewall NG/AI/ to implement network security solutions. Established IPsec VPN tunnels between branch offices and headquarter using ASA Firewall. Extensively worked on firewalls which include migration from Cisco PIX to ASA Firewalls and also worked with Juniper firewalls. Assisted in migrating existing server and network infrastructure from HQ to a data center for optimal functionality and management. Involved in Installing and Configuring a Cisco secure ACS server for AAA authentication (TACACS). Designed network connectivity and network security, between various offices and data center. Installed and configured routers including 1800, 2600 along with Cisco switches including 3750 and 6500. Involved with the Systems team to Install, configure, & maintain AD, DNS, DHCP on Windows 2000 Server, also configured a FTP server; Installed configured & maintained MS Exchange Server. Development and management of Cisco Nexus 7000, 5000 switches, ASA 5550 firewalls and routers, ACE Load Balancers, and other network equipment configurations in data centers. Install and maintain voice, video and data communications infrastructure systems and cabling. Used various Network sniffers like Ethereal, TcpDump etc. SNMP network management using MRTG and Cisco works. Participate in 24 x 7 incident & problem support. Network Administrator Ally Financial - Detroit, MI January 2013 to April 2016 Roles & Responsibilities: Involved in routing protocols like OSPF, BGP, and standby protocols like HSRP and VRRP application in the routers. Involved in HSRP standby troubleshooting and load balancing protocol GLBP, Port channel management of the network. Designed VLAN's, access lists (ACL), troubleshooting IP addressing issues and Updating IOS images and other hardware installations. Involved in troubleshooting VLAN, STP (Spanning tree protocol), & Switch Trunk and IP subnet issues. Dealt with NAT configuration and troubleshooting issues related to access lists and DNS/DHCP issues within the LAN network. Involved in Configuration of Access lists (ACL) on checkpoint firewall for the proper network routing

for the B2B network connectivity. Provisioning and troubleshooting Ethernet services, Gigabit networks and Connectivity issues with WAN types (T1, E1, DS3, and Frame relay) data circuit debugging. Worked on MPLS connectivity using VRF id and have broad knowledge on multi-protocol label switching for (MPLS-VPN) and traffic engineering (MPLS-TE). Configured firewall filters, routing instances, policy options, on Juniper m320 and T640. Dealt with the escalation problems from Level1, Level 2 & Level 3 for routing, switching and WAN connectivity issues using ticketing system Remedy. Network Administrator SunTrust Bank - Atlanta, GA January 2010 to December 2012 Roles & Responsibilities: Provided support for global network including T1/T3, ATM connections using HDLC and Frame Relay on 2600, 4000 series Routers. Responsible for SNMP Monitoring and Performance Tuning software. Designed WAN structure to prevent single point of failure in case of link failure. Maintenance and Troubleshooting of connectivity problems using PING, Traceroute. Planning and Implementation of Subnetting, VLSM to conserve IP addresses. Configuring STP for loop prevention and VTP for Inter-VLAN Routing. Performing the Configuration and troubleshooting of EIGRP, OSPF, and BGP. Dealt with the configuration of Standard and Extended ACLs for Security. Involved in providing technical assistance for LAN/WAN management and complex customer issues. Provided support for troubleshooting and resolving Customer reported issues. Performed IOS upgrades on Catalyst 3550, 2950, 1900 switches, and 3600, 2600 and 2500 routers. Implemented and configured routing protocols like EIGRP, OSPF, BGP. Troubleshooting the issues related to routing protocols.

Managing, troubleshooting and monitoring the network using Network Monitoring tool. Implementing Network Security with Cisco IOS Feature Set, NAT, and Simple Network Management Protocol. Involved in installing and configuring PIX 515E firewall. Dealt with DNS, DHCP troubleshooting and other IP conflict problems. Implementation of name resolution using WINS & DNS in TCP/IP environment. Education Bachelor's Additional Information Result-driven IT Professional with 8 years of hands-on experience in designing & implementing inter- networks using Cisco Products and Design schemes for IP addressing & Subnetting. Experience in IP Routing with BGP, OSPF, EIGRP, RIPv1 & v2. Hands-on experience in implementing MPLS, MPLS -VPNs. In-depth

knowledge of TCP/IP, IP protocol suite and OSI Model. Good experience on Cisco Routers: GSR 12000, 7600, 7500, 7200, 3800, 3600, 2800, 2600, 2500, 1800, 1700, 800 series. Experience on Catalyst Switches: 6500, 4000, 3550 and 2900 series. Good experience on various firewalls including Cisco ASA 5500 series, Cisco PIX 500 series. Good working knowledge of Cisco Works.

Proficient in designing networks with MS Visio. Proficient in configuring, troubleshooting ACLs (Standard, Extended, and Named), Layer 2 protocols including VTP, STP, RSTP, PVRSTP+ and VLANs. Strong experience in designing and configuring of Layer 2/3 features such as VLAN, ISL, STP, RSTP, PVST, VTP, Port Security and L2PT. Strong experience in Configuring VLANs and implementing inter VLAN routing. Experience in upgrading and troubleshooting Cisco IOS to the Cisco Switches and routers. Good knowledge of authentication protocols including PAP, CHAP, WPA, TACACS+, and IPsec. Good knowledge of TCP/IP, 802.x protocols, VLSM, DS0, DS1, DS3, SONET/SDH, ISDN, BGP, IPV6, NAT, VPN, Frame-relay and ATM technologies. Good team player, excellent communication skills, analytical skills, strong internetworking concepts, and eagerness to learn new technologies. Technical competencies: Hardware: Routers, Switches, Bridges, Modems, Desktops, Printers, Scanners Network Protocols: LAN/WAN, TCP/IP, VPN, STATIC, RIP, EIGRP, OSPF, BGP, STP, ICMP Tools, Technologies & Applications: Dream Weaver, Wire shark, Network Diagnostic Tool, Network traffic monitoring Tool, Solar winds, Ghost, VNCviewer, Tracert, IP filter. Security: NAT, ACL, IPTables Operating and Database Systems: Windows, Linux, Fedora Core, Ubuntu, IOS, MS DOS, Oracle 8i, Access Programming Languages: C, C++, Prolog, Core Java, VB, HTML, JavaScript System Administration: DNS, DHCP, NFS, NIS, QMAIL, SENDMAIL, POSTFIX, FTP, Apache, Samba

Name: Michael Johnson

Email: antonio19@example.com

Phone: 329-382-2682x11411