Pallavi Pallavi
Network Engineer - T-Mobile

Atlanta, GA - Email me on Indeed:

• 6 years of experience in Cisco Network Implementation, Network Support & Network Operation Centre.
• Stacking and racking of networking equipment and cabling them
• In-depth knowledge and hands-on experience on IP Addressing, Sub netting, VLSM and ARP, reverse & proxy ARP, Ping Concepts, LAN & WAN
• Hands-on experience working with 2800, 3800, 3900, 7200 series Cisco Routers and Cisco Catalyst 2960, 3650, 4500E, […] switches
• Responsible for planning, implementing, and supporting changes to the network including cable infrastructure, network software and hardware
• Experience in configuration, analysis and troubleshooting of all routing protocols and switching technologies, MPLS and Internet IPsec based L3 VPN services
• Expert Level Knowledge about TCP/IP and OSI models
• Expertise in Configuration of VLAN's using multi-layer Switches and Cisco routers supporting STP, RSTP, PVST and RPVST.
• Experience in implementing and troubleshooting complex layer 2 technologies such as STP, RSTP, and PVST, RPVST, MST and VTP Ether channel.
• Expertise in configuring VLAN Trunking (VTP) using 802.1Q.
• Experience with upgrading Switches and Routers with new IOS versions using TFTP.
• Implemented redundancy with HSRP, VRRP, Ether channel technology (LACP, PAGP) etc.
• Managed inventory of all network hardware, Management, and Monitoring by use of SSH, Syslog, SNMP, NTP.
• In-depth expertise in the analysis, implementation, troubleshooting & documentation of LAN/WAN architecture and good experience on IP services.

WORK EXPERIENCE

Network Engineer
T-Mobile - Atlanta, GA - October 2015 to Present

Responsibilities:
• Remote site network design, implement and troubleshoot in various network environments
• Provided technical leadership to projects, working with technical project managers to understand project priorities, taking ownership of tasks, and driving them to completion.
• As a part of new site implementation configured different routing protocols like BGP, OSPF, EIGRP as per company standards
• New Site before coming to production, will make sure all the routers are running with SNMP, SSH, Syslog, AAA, IP Flow, latest Cisco IOS etc.
• Created standard documents & network VISIO for new and existed sites, which will help in troubleshoot
• Joined on all network escalation calls like enterprise level network outages, problem incidents
• Provided comprehensive change control plans when making changes to the network, looping in all stakeholders of the change.
• Implemented HSRP, VRRP, GLBP redundancy on layer2 & Layer 3 level
• Designed and validated the next generation LAN and WAN video network architecture for high performance, availability and redundancy.

• Defined network architecture requirements, evaluate current and future network architecture states, and provide guidance and recommendations regarding Network Design best practices.
• Configured and tested of various networking equipment for production rollout.
• Configured Cisco routers and switches per network design specifications
• Remotely diagnosed and trouble shoot network equipment during rollout phase.
• Interacted with vendors to resolve technical issues with their equipment
• Interacted with other design engineers to create/modify configuration templates
• Assisted in testing, troubleshooting and resolution efforts when systems failures occur and interact with network operation teams.
• Assisted in evaluating new system software and develop method of procedure for network upgrades
• Managed network-related projects, activities and tasks.
• Worked with engineering team to improve security of network
• Globally worked with end users to build network racks to mount all network devices
• Implemented port-channel to give higher speed to servers in datacentres
• New Cisco Switches configuration with VLAN's, VTP and syslog, SMP server and other security features
• Conducted weekly, BI-weekly, monthly report meeting to discuss about upcoming network
• Identified EOL hardware in network and upgrade with latest hardware as per company standards
• Identified the reoccurring outages in all regions and give the permanent fix
• Worked on orders & change Controls creation with Remedy tool before we implement any change in production

Network Engineer
California Department of Insurance - Sacramento, CA - May 2014 to September 2015

Responsibilities:
• Involved in complete LAN, WAN development (including IP address planning, designing, installation, configuration, testing, maintenance etc.).
• Involved in Switching Technology Administration including creating and managing VLANS's, Port security, Trunking, STP, Inter Vlan routing , LAN security etc.
• Implemented with Cisco Layer 3 switches 3750, 4500, 6500 in multi VLAN environment with the use of inter-VLAN routing, HSRP, ISL trunk, ether channel.
• Possessed good experience in configuring and troubleshooting WAN technologies like MPLS, T1, T3, DS3 and ISDN.
• Implemented the necessary changes such as adding, moving and changing as per the requirements of business lines in a data center environment.
• Remediation of firewall rules from checkpoint firewalls to Cisco ASA firewalls and their implementation.
• Monitored the traffic through Cisco catalyst switches for Detection of Intrusion using IDSM2 and its Prevention IPS.
• Managed and implemented PORs (port open requests) based on the requirements of various departments and business lines.
• Implemented and involved in troubleshooting (on-call) IPsec VPNs for various business lines and making sure everything is in place.
• Installed and configured new Cisco equipment including Cisco catalyst switches 6500, Nexus 7010, Nexus 5548 and Nexus 2k as per the requirement of the company.
• Modified internal infrastructure by adding switches to support server farms and added servers to existing DMZ environments to support new and existing application platforms.
• Responsible for Cisco ASA firewall administration across our global networks
• Involved in setting up F5 load balancers and Cisco load balancers (CSM, ACE and GSS).
• Implemented the firewall rules using Netscreen manager (NSM).

• Worked on configuration of new VLANs and extension of existing VLANs on/to the necessary equipment to have connectivity between two different data centers.
• Managed and provided support to various project teams with regards to the addition of new equipment such as routers switches and firewalls to the DMZs.
• Supported project test teams in analysing the bandwidth utilization.
• Installed, configured Cisco Catalyst switches 6500, 3750 & 3550 series and configured routing protocol OSPF, EIGRP, BGP with Access Control lists implemented as per Network Design.
• Designed, configured, implemented site-site VPN on cisco ASA 5500 firewall.

Network Engineer
Premiere HealthCare - Charlotte, NC - January 2013 to April 2014

Responsibilities:
• Responsible for LAN/WAN transformation, which includes designing of LAN, WAN & Wireless (WLAN) network
• Implemented new office LAN and WAN integration with corporate office
• Implemented of BGP with Cisco ISR G2 Routers
• IOS upgraded on Cisco 3600, 3800 series Routers and Switches
• Redesigned Internet connectivity infrastructure for meeting bandwidth requirements
• Configured HSRP and VLAN trucking 802.1Q, VLAN Routing on Catalyst 6500 switches
• Configured and involved in troubleshooting the network depending upon user tickets
• Provided Technical Support and solutions for Network Problems
• Planned, tested, and evaluated various equipment's, systems, IOS and procedures for use within the Network/ security infrastructure
• Continually monitored, assess, and improved network security, test and implemented new security technologies
• Provided Technical support for improvement, upgradation, and expansion of the existing network architecture
• Participated in all technical aspects of LAN, WAN, VPN, and security Internet Service projects including, short and long term planning, implementation, project management and operations

Network Engineer
TD Bank - Los Angeles, CA - February 2011 to December 2012

Responsibilities:
• Implemented VLANs, Trunk groups, ether channels, and Spanning tree for creating Access/ distribution and core layer switching architecture
• Implemented Inter-Vlan routing and redistribution
• Configured STP for loop prevention and VTP for Inter-VLAN Routing
• Involved in maintaining STP, RSTP and PVST+ for the catalyst switches.
• Implemented Trunking protocols like 802.1q on 3750 switches.
• Provided on-call support for installation and troubleshooting of the configuration issues.
• Managed network security with respect to port-security on access layer and ACL on distribution layer.
• Implemented L2 security to protect from internal attacks
• Configured EIGRP on 2600, 2900 and 3600 series Cisco routers.
• Provided on-call support for installation and troubleshooting of the configuration issues.
• Provided Technical support for improvement, upgradation, and expansion of the existing network architecture.
• Worked on hardware systems installation and in racking, stacking, and cabling of Switches and Routers.
• Assisted with new and existing equipment, maintaining of hardware and software upgrades.
• Other responsibilities also included documentation.

EDUCATION

Visveshwaraiah Technological University - Belgaum, Karnataka

SKILLS

catalyst (4 years), Cisco (6 years), EIGRP (5 years), security (6 years), Vlan (4 years)

ADDITIONAL INFORMATION

Technical Skills:

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)
Juniper Platforms: SRX, MX, EX Series Routers and Switches
Networking Concepts: Access-lists, Routing, Switching, Subnetting, Designing, CSU/DSU, IPsec, VPN, WEP, WAP, MPLS, VoIP, Bluetooth, Wi --Fi, VLAN
Firewall: ASA Firewall […] Checkpoint, Cisco ASA
Network Tools: Solar Winds, SNMP, Cisco Works, Wireshark
Load Balancers: Cisco CSM, F5 Networks (Big-IP)
WAN Technologies: Frame Relay, ISDN, ATM, MPLS, leased lines & exposure to PPP, DS1, DS3, OC3, T1 / T3 & SONET
LAN technologies: Ethernet, Fast Ethernet, Gigabit Ethernet, & 10 Gigabit Ethernet, Port- channel, VLANS, VTP, STP, RSTP, 802.1Q
Security Protocols: IKE, IPSEC, SSL-VPN
Networking Protocols: RIP, OSPF, EIGRP, BGP, STP, RSTP, VLANs, VTP, PAGP, LACP, MPLS, HSRP, VRRP, GLBP, TACACS+, Radius, AAA
Languages: Perl, C, C++, SQL, HTML/DHTML
Operating System: Windows 7/XP

Professional Experience, MAC OS X, Windows Server […] Linux, UNIX