

Vidhi Shah

Network Engineer - Sprint Nextel

Charlotte, NC - Email me on Indeed: [indeed.com/r/Vidhi-Shah/494b95cc39f90821](https://www.indeed.com/r/Vidhi-Shah/494b95cc39f90821)

- 5 years of professional experience in Configuring, Implementing, Troubleshooting of Cisco Routers and Switches.
 - Experience working with Cisco series Routers (7200, 3800, 2800) and Switches (Nexus 7K, 5K, 2K, 6509, 4500, 3750 Switches), Brocades (FastIrons, Edge Switches), Juniper 3600 series Firewall, Cisco ASA firewall(5585) with experience in layer 2 and layer 3 Technologies
 - Experience with troubleshooting problems for Routing, Switching using ticketing system remedy.
 - Experience of routing protocols like EIGRP, OSPF, RIP, and BGP.
 - Good understanding of Switching Technologies like VDCs, Fabric-Path, VPCs, Vlans, Inter-Vlan Routing, 802.1Q Trunking, Ether-channels, STP, RSTP, PVST+.
 - Experience with Virtual Routing and Forwarding (VRF-Lite Feature) on Cisco Routers.
 - Extensive hands-on experience with complex routed LAN and WAN networks, routers and switches.
 - Hands-on configuration and experience in setting up Cisco routers to perform functions at the Access, Distribution, and Core layers.
 - Experience in implementing firewall tickets on Juniper firewall SRX3600.
 - Experience in setting up security policies like NAT, PAT, standard ACLs, distribute-lists, route-maps, route-redistribution, route-advertisements on Cisco routers and Juniper SRX firewalls.
 - Experience in configuring Site-to-Site VPNs and SSL VPNs on ASA 5585.
 - Strong knowledge in HSRP, VRRP, GLBP redundancy protocols and Inter-Vlan Routing.
 - In depth understanding of IPV4, Subnetting, VLSM ARP and Ping Concepts.
 - Great team player and able to work under pressure
- Authorized to work in the US for any employer

WORK EXPERIENCE

Network Engineer

Sprint Nextel - Reston, VA - August 2013 to Present

Responsibilities

- Responsible for Tier-2 network support which includes configuration, installation, troubleshooting of network devices & day-to-day support for different IT Teams within the company.
- Responsibilities include Port-Turns ups, IP assignments, Adding Vlan in the datacenter based on the requirements, implementing firewall policies for the company, advertising new subnets & troubleshooting L2 and L3 issues.
- Responsible for Brocade Migration Project in the Datacenter. This involves installing Nexus 5K, 2K and migrating servers from edge Brocades to Cisco Nexus 2Ks.
- Upgrading IOS for new network devices using TFTP server and adding base configs on the devices.
- Performed Network Audit such as Vlan Audit, Port Audit, Static Route Analysis, BGP Analysis on the network switches and routers within the datacenter every 3 months to help Planning team in network provisioning.
- Responsible for creating hardware intake, creating cabling matrix to implement, configure new network designs for IT Teams in the datacenters.
- Configured STP, RSTP, Fabric - Path in the access layer, distribution layer switches as a loop free mechanism.

- Configured Nexus 5596 as the parent switch and Nexus 2248, 2232 as FEXs in each row to provide Top of the rack connectivity to the IT servers in the datacenter.
- Experience in configuring VDC, VPC, upgrading NX-OS for Nexus Family Switches.
- Configuring OSPF, BGP on Distribution Layer routers and re-distributing static and internal routes to the Core-WAN using route-maps.
- Performed route-summarization to limit the size of routing table across the datacenter.
- Implemented Dynamic-NAT using NAT-POOL on Juniper SRX 3600 to provide internet access to certain hosts within the datacenter.
- Worked on Firewall Tickets and implemented security policies on Juniper SRX3600 firewall.
- Configured SNMP configs on every datacenter network devices (Brocade Fast-irons, Nexus 5Ks, Cisco4500s, 3750s, Nexus 7Ks, Juniper SRX-3600s, MX480 Routers.
- Maintained L2 and L3 diagrams for the Datacenter using Microsoft Visio.
- Extensively using Ping, Traceroute to troubleshoot connectivity problems.

Network Engineer

Gateway Technologies - June 2011 to July 2013

Responsibilities

- Provided Network Support and worked on many network remediation and network implementation projects.
- Responsibilities included creating base configs for every new devices being deployed into the Datacenter for various sites, loading updated IOS versions using TFTP Servers.
- Updated L2 and L3 diagrams of the Datacenter using Microsoft Visio.
- Configured STP, RSTP in the access layer switches (2950, 2960) as a loop prevention mechanism in the Datacenter.
- Configured and maintained Cisco (6509, 4500) and configured OSPF and BGP protocols.
- Responsible for maintaining IP subnet spreadsheet and allocating new subnets based on the requirements.
- Provided L1 and L2 troubleshooting support for users in the Datacenters.
- Implemented firewall policies on Cisco ASA 5585 contextual L2 firewalls using Cisco Security Manager.
- Worked on decommissioning projects, housekeeping projects to continuously update the port-availability, IP availability when there is a need to integrate new hardware into the IT network.
- Configured Site-to-Site VPNs, SSL VPNs on Cisco ASA 5585.
- Configured Cisco 2960 switches in various sites for Tele-conference network to integrate new Tele-conference system throughout the Datacenter.
- Performed Route-summarization while advertising networks to the WAN routers to reduce the size of the routing tables.
- Worked effectively within a team during Peer-review sessions before pushing out the configs for implementation.

EDUCATION

B.S. in Computer Science

Ahmedabad Institute of Technology
2012

CERTIFICATIONS/LICENSES

CCNA Routing and Switching

April 2018