

## NETWORK ENGINEER

### Career Focus

Over 3 years experience as a Network Engineer with focus on Security utilizing Cisco Routers and Switches and ASA Firewalls With the computer and Finance background.

### Core Qualifications

- Spreadsheet software- Excel, SQL Cisco WLC 5508, AP
- L2/L3 Protocols: RIP, EIGRP, OSPF, BGP, STP, RSTP, Link aggregation, Layer 2 Security, VLANs, switching, Ethernet, frame relay, L2VPN, VPN, VRRP.
- OS: Windows (All flavors), Cisco IOS.
- Vmware: NSX
- Cisco ACI (Application Centric Infrastructure )
- Aruba: APs, Controllers.

### Education and Training

Masters : Banking and finance Router/Switches - Cisco 1700s, 1800s, 2600s, 2800s, 2900s, 3500s, 3600s, 3700s, 6500s, Nexus 5000s

Firewalls: ASA 5505/5510/5520

Bachelor : Computer Science Iran Computer Science Iran

### Work Experience

04/2014 to Current

Bickford Senior Living 1/4 IL

- Hands-on experience of installing, configuring and maintaining Cisco routers 2600, 2800, 3600, 3800, 3900, 7200 series.
- Cisco Firewalls ASA 5510, 5505 for Site-to-Site VPN, Any connect and Remote access VPN.
- Hands-on experience with installing configuring, testing and maintaining switches: CAT6500, 4500, 3500, 2900 series and troubleshooting with VLANs, STP, 802.1.

04/2009 to 04/2010

Bickford Senior Living

- Network/System Admin Installation, network configuration and network connectivity troubleshooting of Windows, Unix OS based work stations.
- Installing operating systems and application software and regular updates with the patches and security updates.
- Installing Antivirus software on Desktops.
- Took immediate action if any of the devices went down and called the vendor/people at the co-location.

04/2008 to 02/2009

Network Engineer Cleveland Clinic

- Extended the network from Cisco Catalyst 6509 switch with approx 300 ports to support connectivity for 60 additional users requiring 2 ports each in a new building using three Catalyst 3750X stackable switches with 2 10G copper ports from Cat 3750x providing connectivity to the Catalyst 6509 Core.
- Temporarily replaced the Catalyst 3750x switches with similar Catalyst 3560 switches when client conducted tests that indicated that the Cat 3750x had throughput problems.
- Created a test topology in the lab and conducted tests to conclusively prove that there were no throughput issues on the switches but that the tests were being conducted incorrectly by the client.
- Configured ASA 5510 to provide site to site VPN connectivity between client offices.
- Configured ASA 5510 to provide remote access VPN connectivity.
- Implementation of DNS and DHCP protocols, responsible for keeping the DNS records up to date with the most current picture of the network.
- Solved daily break and fix problems in organization and reported to management daily, weekly and monthly on network performance.
- Monitor all incoming trouble tickets, service request and company communications for any service related issues.
- Ensure prompt reaction to all network/global issues and that final resolution is achieved in an expedient manner.
- Provide internal communications for trouble notification, updates and resolutions, as well as any necessary vendor contact for the completion of service requests.
- This include both email and telephone based communication.
- Utilize the existing trouble ticketing system to track ongoing trouble reports and service requests.
- Configuration and troubleshooting of Layer 2 technologies like VLAN, Spanning-tree, VTP, InterVlan, IP addressing and Subnetting.
- Extensively used STP for loop free topology.
- Performed backups and upgrades of Cisco IOS software images.
- Configuring, installing vmware ESXI 5.1 -> 5.5.
- Created and managed vms (Virtual servers) Configuring, installing vmware NSX SAN configuration and implementation Configure Aruba AP SSID using the WLAN wizard.
- Manually provision an Aruba AP via the GUI.
- Configure the Aruba controller to communicate with an external RADIUS server.
- Configure 802.1X with WPA-AES.
- Configure default roles for 802.1X Test communication between the Aruba controller and the RADIUS server Create a common policy

with rules that will be applied to the user Create a policy that will blacklistuser attempting to connect to the controller ARM configuration and CLI commands Create a Guest captive portal profile Create the Firewall policies for pre and post authentication Configure the Aruba RAP Group and controller Configure the Aruba VRRP between the two controller Configure Master synchronization and test the redundancy operation Enable CPsec on the Master controller Enable IP Mobility on both the master and local controller Shabake Elmi Gharbe Asia.

- Network/System Admin Proactively monitoring the Network Infrastructure of the clients.
- Identify recurring problems, alarm correlations and appropriate response actions for future automation.
- Responsible for implementation and configuration of routers & switches Troubleshooting network problems and coordinating with vendors for installation of routers and switches Implementation and troubleshooting of, 802.1Q Trunks and VLANs Configured traffic filters using Access-list and Frame-relay network Ensure thorough network documentation, backup configurations and network diagrams Sets up and tests TFTP server for configuration archives and IOS upgrades.

#### Skills

Antivirus, AP, APs, automation, backup, BGP, CLI, Cisco, Cisco IOS, Cisco routers, controller, client, clients, Desktops, DHCP, DNS, documentation, EIGRP, email, Ethernet, Firewalls, Firewall, frame relay, Frame-relay, GUI, IP, Access, Excel, Windows, Network, operating systems, OS, OSPF, policies, Protocols, RIP, Router, routers, SAN, servers, Spreadsheet, SQL, Switches, switch, telephone, Troubleshooting, Unix OS, upgrades, vms, VPN