# Sami Abdul

# Senior Network Engineer - Citi group, NJ

San Jose, CA - Email me on Indeed: indeed.com/r/Sami-Abdul/c9aa38ede82c0123

- 5+ years of experience in Networking and Security, including hands-on experience in providing network support, installation and analysis for a broad range of LAN/WAN/MAN communication systems.
- Worked on Cisco IOS for configuration & troubleshooting of routing protocols: OSPF, EIGRP, RIP, BGP and BGPv4.
- Hands on experience in configuring Cisco Catalyst 2960, 3750, 4500, 6500 and Nexus 3000, 5000, 6000, 7000 series switches and Cisco 2600, 2800, 3600, 7600, 7200 series routers.
- Configuring BGP/OSPF routing policies and designs, worked on implementation strategies for the expansion of the MPLS VPN networks.
- Switching tasks include VTP, ISL/802.1q, IPSec & GRE Tunneling, VLANs, Ether Channel, Trunking, and Port Security.
- Experience in testing Cisco routers cum switches in laboratory scenarios and deploy on site for production.
- Hands on experience with F5 & NetScaler Load balancers on client network.
- Implemented security policies using ACL, Firewall, IPSEC, SSL, VPN, IPS/IDS, AAA (TACACS+ & RADIUS) and deploying GRE Tunnel.
- Worked on F5 LTM, GTM series like 6400, 6800, 8800 for the corporate applications and their availability.
- Hands on experience on Power over Ethernet (POE) and Ether Channel.
- Knowledge of implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, Ether channel, STP, RSTP and MST, .STP features: Port Fast, Backbone fast, Uplink fast, BPDU Guard.
- Implementation of HSRP, VRRP, GLBP for Default Gateway Redundancy.
- Involved in troubleshooting of DNS, DHCP and other IP conflict problems.
- Good knowledge on Installation, Configuration and Administration of Windows Servers [...] Active Directory, FTP, DNS, DHCP, TFTP, under various LAN and WAN environments.
- Experience in Network Management Tools and sniffers like SNMP, Wire shark and Cisco works to support 24 x 7 Network Operation Center.
- Knowledge in documentation and updating client's network documentation using Visio.
- In depth knowledge of IPV4 & IPV6 address and sub-netting.
- Good knowledge on Palo Alto firewall.
- Experience with Cisco ASA firewall.
- · Good knowledge on Routing and Switching
- Configuring BGPv4, BGP Path attributes, and Route Reflectors for an ISP transit network.
- Knowledge in configuring of HP switches & routers

Willing to relocate: Anywhere

Authorized to work in the US for any employer

## WORK EXPERIENCE

## **Senior Network Engineer**

Citi group, NJ - March 2016 to Present

### Responsibilities:

- Involved in complete LAN, WAN development (including IP address planning, designing, installation, configuration, testing, maintenance, etc).
- Troubleshoot of LAN, WAN networking issues using Wireshark, Netflow and other advanced tools and methodologies.

- 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.
- Possess good experience in configuring and troubleshooting WAN technologies like MPLS, T1, T3, DS3 and ISDN.
- Configured ACLs in Cisco 5500 ASA firewall for Internet Access requests for servers, Protocol Handling,
  Object Grouping and NAT control using Object NAT.
- Configured security policies using Extended Access-Lists.
- Support customer with the configuration and maintenance of PIX and ASA firewall systems.
- Experience with F5 load balancers to provide Land Balancing towards Access layer from core layer and configuring F5 LTM both by GUI and TMSH/CLI and Cisco load balancers (CSM, ACE and GSS).
- Designed and deployed Cisco Security Manager (CSM) for the Management of ASA 5500 series (5520, 5550).
- Implement the firewall rules using Netscreen manager (NSM).
- Working configuration of new VLANs and extension of existing VLANs on/to the necessary equipment to have connectivity between two different data centers.
- Implementing IPSec and GRE tunnels in VPN technology.
- Resolved downed backup VPN tunnels giving visibility to potential ISP out stages using Netflow Analyzers.
- Monitored regular tasks like traffic, applications, routers, switches, firewall, attacks, protocols, QoS and other reports and activities on Netflow Analyzer.
- Installing, configuring Cisco Routers 2800, 3600, 3640, 7200 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 firewalls.

### **Network Engineer**

GSM Integrated Controls USA - The Woodlands, TX - May 2015 to February 2016

#### Responsibilities:

- Working knowledge of installation, testing and troubleshooting of Routers, Switches, Servers and Firewalls.
- Installed and configured 6509 Cisco Catalyst Switch, creating VLANs and assigning ports to the VLAN, configuration of routing protocols such as OSPF, EIGRP and RIP.
- Upgrading the IOS on the 6500 switch and saving the old system configuration and running-configuration.
- Implemented WAN network technologies like MPLS and Frame Relay, switching technologies like STP, switch and VLAN security on L2 and L3 layer switches.
- Provided BGP routing protocols for implementing multi-homing connection between two ISP's and providing traffic flow to certain areas.
- Carried out Route-redistribution between different routing protocols like OSPF, BGP, and EIGRP for increased efficiency.
- Provided an IP Addressing scheme using VLSM and maintained VLAN table, and implemented DHCP server for assigning IP address to various connecting devices.
- · Managing and troubleshooting Wireless LAN connectivity issues.
- Implemented Static NAT and PAT for internet users.

### **Network Engineer**

VMK Software Solutions - Hyderabad, ANDHRA PRADESH, IN - February 2013 to December 2014

#### Responsibilities:

- Configured RIP and EIGRP on 2600, 2900 and 3600series Cisco routers.
- Involved in troubleshooting of DNS, DHCP and other IP conflict problems.

- Implemented VTP and Trunking protocols (802.1q and ISL) on 3560, 3750 and 4500series Cisco Catalyst switches.
- 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 Subnetting, 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, up gradation, and expansion of the existing network architecture.
- Done troubleshooting of TCP/IP problems and connectivity issues in multi-protocol Ethernet environment.
- IOS upgrade 1900, 2900, 3500 series Cisco Catalyst switches and 2500, 2600, 3600 series Cisco routers using TFTP.

### **Network Engineer**

Tatvasoft - Ahmedabad, Gujarat - March 2012 to January 2013

#### Responsibilities:

- Experience in Cisco 7200, 7600 routers, Cisco 2800 3700 series switches: Physical cabling, IP addressing, Wide Area Network configurations (Frame-relay and ATM).
- Performed troubleshooting, while maintaining trouble ticket tracking, following internal/external escalation procedures and customer notifications. Configured Cisco Routers for OSPF, RIP, IGRP RIPv2, EIGRP, Static and default route.
- · Configured the Cisco router as IP Firewall and for NATting.
- Work with Help Desk for circuit troubleshooting to give Support to the Tech persons at the site.
- Configuring routers and send it to Technical Consultants for new site activations and gives online support at the time of activation.
- Supporting Development team for the access to corporate network and outside world. Providing access to specific IP, Port filter and port access.
- Switching (Ethernet) related tasks included implementing VLANS and configuring ISL trunk on Fast-Ethernet channel between switches.
- Installed and configured PIX 520, 525, 535 series firewalls, configured standard and extended access-lists and policy- based filters.
- Configured ASA 5510 appliance and VPN.
- Implemented SNMP on Cisco routes to allow for network management. Completed the installation and configuration of T1, T3 & OC3 circuits.

#### **EDUCATION**

# **Bachelors of Technology in Electronics & Communications**

JNTU - Hyderabad, ANDHRA PRADESH, IN

**SKILLS** 

CISCO (5 years), EIGRP (5 years), VLAN (4 years), OSPF (3 years), SWITCHING (3 years), RIP (4 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS:

Network Configuration: Advanced switch/router configuration (Cisco IOS access list, Route redistribution/propagation).

Routing Protocols: RIP, IGRP, EIGRP, OSPF, BGP v4, MP-BGP

WAN Protocols: HDLC, PPP

Security Technologies: F5 Load Balancer, ACL, IPSec VPN, Any connect VPN, Clientless VPN, AAA

Implementation using TACACS+ & RADIUS

Cisco Routers: Cisco 2500, 2600, 2800, 3600, 3800, 7200, 7600

Redundancy and management: HSRP, VRRP, GLBP, NSF/NSR, Wireshark, Solarwinds, SNMP

Layer 2 technology: VLAN, RTP, STP, RSTP, PVST+, MST, PVLAN, Optimizing STP (Port Fast, Uplink Fast,

Backbone Fast, Root Guard, BPDU Guard),

Layer 3 Switching: CEF, MLS, Ether channel (PAGP & LACP, Load Balancing)

Switches: Cisco 1900, 2900, 3550, 3750, 4900, 6500 catalyst switches

Networking Tools:

Packet tracer 5.0, GNS3, Wireshark, WinSCP, PRTG, MRTG, Kiwi Syslog, Cat tools and Whatsup Log management, Whatsup Gold Network Monitor.