

***Muhammad Amir Akbar***

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**Professional Summary:**

I’m a network security and IT professional having 5+ years of experience in the field of network design and documentation, Routing and Switching, Network security and Pf-sense firewall. Greatly-adept and capable Network Security Administrator with a solid experience in developing, administering and managing security of the entire network and protecting it from both external and internal threats and vulnerabilities. Possess strong analytical, problem-solving, organizational, and communication skills with in-depth knowledge of network security maintenance and Internet security protocols.

My major skills are:

* Understanding of LAN,WAN and WLAN to design a campus network and maintain the network documentation by using networking tools
* IOS installation, upgrading, recovery and backup of catalyst Switches and Routers
* Administration of L2 Switching and L3 Routing using CLI and SDM
* Configuring and supervision of cisco ASA using ASDM and CLI
* In-depth knowledge and practical understanding of networking concepts OSI, TCP/IP,

DNS, DHCP, ARP, ICMP, TCP, UDP, SNMP, FTP, TFTP

* Mitigate common Layer 2 attacks and implement network security layered approach
* Deploy the Cisco ASA for firewall and NAT/PAT services
* Implement a site-to-site and Remote access VPN
* Network Secure Strategy, Risk management and brief understanding of NFP
* In-depth knowledge of Cryptography, IPsec and SSL VPN
* Analysis of SIEM, BYOD, Email and Web threats
* Design, configurations and implementation of Pf-sense with packages like  
  ACME, Dark stat, NtopNG, PfblokerNG, NUT, NMAP, Squid, Squid guard, Light squid, SNORT, HA Proxy and many other packages and technologies.
* Administration of all the Wi-Fi infrastructure
* Management and configuration of Log servers and monitor routine wise activities
* Installation, configuration, backup & troubleshooting of Microsoft Windows and Server machine

**Academic Qualifications:**

Bachelor’s Degree – Computer Science from University of Engineering and Technology Lahore

Intermediate Degree – Lahore Board

Metric Degree – Lahore Board

My area of interest and core qualifications are

* ICND1, ICND2
* CCNA (R&S certified ), CCNA Security , CCNA Voice
* CCDA
* CCNP Routing & Switching, CCNP Security
* Pf-sense
* CCIE ( R&S written )
* MCITP, MCSE

**Work Experience:**

**Network Lab Assistant at Corvit Systems Lahore**

01-July-2013 to 20-Feb-2014

Here my major responsibilities were:

* Formulate patch cord using RJ-45 connector and cat 6 I/O jack
* Layer 2 catalyst switches and layer 3 devices configurations and troubleshooting
* Backup, Recovery and installation of cisco IOS catalyst Switches and Routers
* Troubleshooting and lab practice Firewall issues in training center
* Training and practice Lab students, configuring and troubleshoot there issues
* Troubleshoot students and visitors network connectivity issues
* Purchasing network cables, I/O and routine wise equipment
* Prepare lab topology and assist instructor in class room

**Network Engineer at Al Hafiz CrystoPlast**

03-March-2014 to 30-April-2015

In this interval I accomplished the following responsibilities:

* Backup of network devices on regular basics
* Troubleshooting layer 2 devices, IP-phones and desktop PC related issues
* Monitor connectivity of fiber and Wi-max link and ensure network availability
* Coordination with ISP team and its members if any issue take place regarding link and end device
* Communicating with network users about solving existing network problems
* Monitor network performance to fix if modification need to be made
* Assist senior network engineer on different network and servers devices troubleshooting
* Installation of windows OS and Windows Server 2008, 2012
* Installing and Configuring Printer, Files and folder Sharing
* Configuring DNS and DHCP server
* Configuration WDS and FSRM
* Configuration NAP and VPN tunnel

**Network System Engineer at PESSI**

22-Jan-2016 to Present

During this time period I mostly worked on networking devices. Here’s my core job roles:

* Responsible for the availability of entire network infrastructure
* Responsible for the installation, configuration, management and operation of network and network devices as per the standardized approach
* Responsible for the inventory management of network devices and their configurations
* Securing network systems by establishing and enforcing policies, defining and monitoring access
* Managing all the Wi-Fi infrastructure
* Monitoring network Bandwidth, utilization and observing MRTG for availability of link
* Coordinating with ISP and troubleshoot Fiber and Wi-max related Issues
* Establishing any type of small wired and wireless network with the help of Operational manager
* Responsible of taking regular backup of configurations of network equipment, if any change
* Provide support to concern team for the immediate restoration of link for end users communication, share the reason for outage with upper management
* configuration of Layer 3 routing and Layer 2 switching equipment
* Undertaking data network fault investigations in local and wide area environments, using information from multiple sources
* Reporting network operational status by gathering and prioritizing information and managing devices
* Create PE (Plan Event) and take approval from upper management
* Troubleshoot and manage surveillance issues
* Manage network support team members and troubleshoot HMIS related issues
* Handling ACS server and assembling new configurations if required
* Configuring and supervision of firewall and troubleshoot if any issue occur
* Responsible of configuration and managing WLC and APs
* Managing Log server and monitor routine wise activities and troubleshoot if errors transpire
* Supervision of Bio-metric devices connectivity with network and make sure Bio-metric server availability on remote sites
* Responsible of NOC activities in the absence of operational manager

**Strengths:**

* Good self-awareness actively seeks out tasks that help develop skills
* Try to keep myself up to date knowledge
* Flexible and adaptable approach to problem solving
* Actively encourage strong working relationships with other teams
* Good at browsing
* Adapt with change
* Punctuality
* Disciplined and organized.