Ammar Rafeeq

D.O.B 27th March 1992
Cell: +92-301-2767515
Address: Firdous Market, Lahore
Email: amaarrafeeq@gmail.com
Skype: amaar.rafeeq

Professional Summary

- 5 years of professional experience in Network Design, Planning, Implementation and Maintenance Support in Telecom, Media & Banking sector. I have strong interest and progress in Network Designing, Configuration and end-to-end Project Delivery. Much eager to work in an environment where I can mature my experience.
- Routers - **Cisco** 7600/7200/3900/3800/2800/2600, **Juniper** MX-104
- Switches - **Cisco** Nexus 5548, Catalyst 6509/6506/4948/4500/3700/3500/2900 & **Juniper** 2200, 4200
- Firewalls - **Cisco** ASA 5585x/5540, FWSM, **Juniper** SRX-210/220/300/340/1400/1500/5400, SSG-10/20, **Fortigate** 40/60/800C
- Cisco Access Control Server (ACS 4.4/5.8)
- Load Balancer - Cisco ACE, F5 LTM
- Wireless - Cisco 5508 WLC
- VPNs Technology: Route Based/Policy-Based Site-to-Site IPSEC, RA IPSEC, GRE-Tunnelling
- Network Management: Solar winds NMS & various SNMP based network monitoring tools

Education

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BSC Computer System Engineer from Islamia University, Bahawalpur Pakistan

Certifications

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Fortinet Network Security Expert **(NSE 2)**
Fortinet Network Security Expert **(NSE 1)**
Cisco Certified Network Associate **(CCNA R & S)**
Huawei Certified Network Associate **(HCNA R&S)**
Huawei Certified Network Professional **(HCNP R&S)**

Current Employment

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1. United Bank Limited   (October 2018 – Present)
Title: Network Engineer

Key Deliverables

- Exploring and Gripping the enthralling core banking networks, consists of over 1800 nationwide and 18 international operational branches.
- Installing, configuring, troubleshooting and maintaining various network technologies, devices, and management systems.
- Maintaining and Managing the countrywide branches and Global sites (UAE, USA, Bahrain, Qatar, Yemen, Malaysia, Tanzania, etc.) and partners
- VPNs connectivity.
- Designing LOW & High-level network diagrams with vendor and solutions providers.
- Relishing with both customary and cutting-edge technology appliances like **Cisco**, **Juniper**, **Netscreen** & **Fortinet**.
- Maintaining the different segments like Intranet, Internet, Extranet and Replication segment for Disaster Recovery.
- Good hands-on Juniper Routers MX-104 and Firewalls of different models like SRX-200/210/300/1400/1500/5400.
- Managing almost 3200 Route Based and Policy-based IPSEC VPNs on SRX-5400 for branches in a hub and spoke design.
- Also managing IPsec VPNs for business partners which are established with our SRX-1400 for business services.
- Created different Routing Instances / Virtual Routers on SRX-5400 and running OSPF protocol as IGP and implementing the routing policies to control the routing as per our requirement.
- Working on JUNOS hardware hardening.
- Created different security zones as per design requirements on SRX-5400/1500/1400 and implementing the security policies on intra-zone and inter-zone for controlling the access of network resources.
- Implementing Static/Destination/Static NAT on SRX firewalls for hiding the identity and avoiding the overlapping subnets.
- Configuring the juniper firewall filter on management plane, for UDP services, SNMP vulnerabilities, ICMP traffic, permitting the "traceroute" legal ports, for allowing the legitimate SSH traffic, for packet fragment protection & interface specific RUNT packets.
- Configuring Remote and Local Authentication on Juniper/Cisco/Fortinet devices.
- Determining the network security devices in compliance with the bank's IT security policy.
- Consistently deliberating and discoursing with the Information Security team on gap analysis between existing network policy with industry practices.
- Network security documentation like inventory list, user access on devices, services running on different servers and documented all appropriate network access.
- Coordinate with internal customers/ ITPM of the bank to analyze their business requirements and to recommend suitable solutions

Previous Employments

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2. BOL Media House   (Feb 2018 – Oct 2018)
Title: Sr. Network Engineer

Key Deliverables

- Configuration and Management of FortiGate 800c & Forti Analyzer 200D.
- Creating Application Based Policies, HA Mode settings, Captive Portal Activation on FortiGate 800c.
- Providing rights to users by making Addresses/Address Groups & Security Policies on FortiGate 800c.
- Creating Site-to-Site and SSL VPN on FortiGate 800c.
- Managing Cisco Nexus 5k for the separate broadcast network.
- Managing Cisco 4500 Data Center switch for campus connectivity.
- Managing Cisco 4948 server farm switch for server farm connectivity.
- Configuring and managing Cisco access layer switch 2960-G, 2960-X, 3750,3560.
- Configuring Stacking on number of switches according to the requirement.
- Configuring Ether-channel on access layer switches for redundant connectivity with Core 4500 switch.
- Configuring port security to restrict mac addresses on access layer switches.
- Configuring Policy-Based Routing and NAT failover on a router with 3 different ISP.
- Configuring Net Flow on Cisco devices for checking out the incoming/outgoing traffic utilization.
- Configuring IPSEC over GRE for securing the data traffic among the branches over the internet.
- Monitoring network stats, logs and alerts on SolarWinds. Making Alerts as per request from other departments.
- Managing Cisco ACS 5.8 for User Credentials and Device Administration.
- Working on Centralized Wi-Fi-Setup by configuring Cisco Wireless Controller 5508 and Cisco Access Points for Head Office.

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3. Cybernet Service Provider   (June 2016 – Feb 2018)
Title: Sr. Network Engineer

Key Deliverables

- Deployed as Resident Engineer at WARID & JAZZ Telecom - Network Operations Center (Enterprise Data Networks)
- Working with the Data Center Planning group and assisting with Network capacity and high availability requirements
- Providing Technical Support and Identify + Resolve recurring issues
- Installation, configuration and troubleshooting related to Routing, Switching, Security and Redundancy, VPNs and AAA Server
- Coordination with Cisco TAC for technical assistance and support
- Configuration and Management of SolarWinds Network Performance Monitor to ensure proactive monitoring of the whole network infrastructure

- Designing and Implementation of Network Security Policies and Vulnerability assessment on Layer 2/3
- A deep investigation, analysis, and resolution for all kind of Network base issues
- Documentation related to Network Design and Infrastructure by Microsoft Visio
- Working as a part of a Team and operating in a fast paced, changing and challenging 24x7 environment.
- Installing, Configuring and Optimization of various Routers, Switches, Firewalls for optimal performance on a wide range of devices like
- (2600,2800,3700,3800, ASA-5540/5585,6500,7200,7600)

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4. Aptech Computer Education   (Jan 2015 – Oct 2015)
Title: Network Administrator

Key Deliverables
- Labs maintenance, internet stability and printer sharing
- Installation and configuring of Microsoft WIN Server 2008 R2
- Active Directory and DNS, Server Backup and Restoration
- Group policies Creation and Managing User Accounts in Active Directory services
- Manage End Point Security, Network Drive, Quota Management, Sharing.
- Maintaining and verifying backup servers/systems
- Managing all network hardware and equipment, DSL modem, wireless routers, switches and UPS
- Providing first hand support, IT training, and troubleshooting to all office staff
- Practicing network assets management, maintenance of network components inventory and related documentation and technical specifications
- Administering and maintaining domain user accounts, permissions, and access rights
- Software installation for students in the labs according to APTECH IT Courses
- Purchase of IT Supplies from the market

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5. Reliance Weaving Textile Mills   (Nov 2013 – Dec 2014)
Title: IT Support Officer - Trainee

Key Deliverables
- Understanding of issues involved with administration and maintenance of infrastructure including network connectivity, internet access and emails
- Assist trouble shootings, maintenance and backup system verification
- Installation of software according to the company requirements
- Creation of email accounts for new users
- Setting up the computers for new users and ensures delivery of equipment
- Updating the company's phone list and email address book
- Talking employees through a series of actions, either face-to-face, via email or over the telephone, to help set up systems or resolve issues
- Prioritizing and managing many open cases at one time
- Responding within agreed time limits to call-outs
- Assist inventory management of software, hardware and other IT supplies