



Hafiz Muhammad Afnan

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Address:

AUSTRALIAN CITIZEN

WORK EXPERIENCE:

Verizon

Lead Security Engineer, Jan 2022 – Present

- Network administration including firewall management, internet access, web proxy firewall administration, load balancing, routing and switching.
- Resolve internally detected and client initiated service
- Incidents in a quality manner and within client SLA
- Implement and complete client initiated service and change requests in a quality manner and within client SLA
- Ensure consistent and professional communication with internal and external clients and stakeholders including updating service desk within required response times.
- Ensure documentation is correct and up-to-date (includes procedures, Knowledge Base articles, networks Diagrams)

CTM Professional Services

Sr. Technical Consultant, Jun 2019 – December 2021

- Design and provide secure network solutions to enhance performance, security and redundancy in the network.
- Engage with clients as primary point of contact to define requirements and implementation plans covering routing, switching, network security, wireless technologies and DC/infra migrations.
- Audit and discovery of existing data center network
- Meeting with stakeholders to finalize the technical scope of work
- Designed and deployed a fully redundant new Data Center solution with Arista DC Switches, Forcepoint Firewalls, and F5 Application Delivery Controllers.
- Technical risk identification and mitigation plan
- Migration plan, implementation plan, and UAT preparation.
- Coordinate with vendors for physical installation of internet/data links, cross-connects, Routers, etc.

Jasco Consulting, Melbourne, Victoria

Network Consulting Engineer, July 2016 – Jun 2019

- Design and deliver solutions and proposals for data, security, and voice network projects.
- Prepare the BoM, SOW, Design Document, Implementation/migration Plan, Change Requests, and As-built documents.
- WAN links migration for customers from the existing provider to Telstra's MPLS network.
- Design and build Telstra CSX Gen2 environment for customers to move their on-premises services or CSX 1 services to Telstra CSX Gen2

- Work closely with the sales team to prepare BoM, SOW and assist in client meetings to explain the solution.
- Revamping clients' current setup, implementing LAN switching, WLAN, and routing with the required redundancy level, e.g., WAN links redundancy or Internet redundancy.
- Solution testing (new technology/hardware) and validation in a lab before implementation, e.g., Sinefa, Cradlepoint, Palo Alto, Viptela.
- To perform physical testing and Staging (as per approved LLD) of networking devices (Routers, Switches, and Firewalls) hardware before delivery on the project site.
- To provide 3rd level network support for managed services clients to resolve complex network (wired, wireless, IP Telephony (Cisco UC)) issues.
- Prepare As-Build documentation and organizing knowledge transfer sessions with clients after project completion.

CPS Technology Group, Melbourne, Victoria

Sr. Network Consulting Engineer, Mar 2014 – July 2016

- Design and deliver solutions and proposals for data and voice network projects.
- Work closely with the sales team and assist in expanding the client base.
- Provide technical support for networking, unified communications systems.
- Develop and implement Cisco unified networking solutions as per the client's requirements.
- Solution testing (new technology/hardware) and validation in a lab before implementation.
- Monitor and support CPS's cloud-based IP Telephony solution hosted at DCs.
- Provide 3rd level network support for managed services clients to resolve complex network (wired, wireless, IP Telephony) issues.
- Upgrading software, maintaining configuration backups, and provide a network health check report to managed services clients.

Edarat Group, Riyadh – Saudi Arabia

Sr. Network Engineer, Sep 2010 – Jan 2014

- Meet with clients to determine requirements; define the project's scope; plan timescales and the resources needed.
- Assess the brief provided by the customer and systems/network analyst, consult with clients and colleagues.
- Develop agreed solutions (HLD, LLD, Implementation/Migration Plan, Final Acceptance Test) and implement the new systems;
- Solution testing (new technology/hardware) and validation in a lab before implementation.
- To perform the equipment health check, staging (as per approved LLD) of networking devices (Routers, Switches, and Firewalls) hardware before delivery on the project site.
- Troubleshooting of complex LAN/WAN/WLAN/Unified Communications networks
- Help clients with change-management activities.
- Upgrading software, maintaining configuration backups, and provide a network health check report to managed services clients.

Specialist for Computer Systems, Riyadh – Saudi Arabia

Network Security & Communication Engineer, May 2009 – Aug 2010

- Design and Implement a network system that used both LAN, WLAN, WAN technologies.
- Configure various network devices; routers, switches, firewalls, VPN.
- Perform network maintenance and upgrades
- Monitor performance and ensure system availability and reliability
- Provide Level-2/3 support and troubleshooting to resolve issues
- Liaise with vendors and other IT personnel for problem resolution

DWP Technology Group, Lahore, Pakistan

Network Engineer, Feb 2007 – Feb 2009

- To perform post-sales activities, conduct surveys, design network solutions, and prepare LLD. Implementation of LAN/WAN and Security technologies, Fiber, Radio, and DSL Links and troubleshooting the network-related issues.
- To supervise & manage the activities of a technical team during the projects as lead engineer.
- Perform network maintenance and upgrades
- To perform physical equipment testing, Staging (as per approved LLD) of networking devices (Routers, Switches, and Firewalls) before delivery on the project site.

Education, Certifications & Skills

Certifications:

- CCIE – SP # 45444
- CCIE – Routing & Switching (Written)
- CCNP – Voice/Collaboration
- CCSP – Retired
- CCNA Collaboration
- CCNA Voice
- CCNA Routing & Switching
- Cisco Unity Support Specialist
- Cisco Video Network Specialist
- Cisco Collaboration Field Engineer
- F5 – Application Delivery Fundamental
- Arista Certified Engineering Associate
- AWS Certified Solution Architect – Associate
- Palo Alto Networks Certified (PCNSA)

Bachelor in Computer Sciences - BS(CS)

Technical Skills:

- Working knowledge of ISP's backbone and service requirements
- Strong customer interaction skills and architectural skills.
- Preparation of project implementation plan.
- Build a simulated network to resolve problems, compatibility issues, and perform an analysis of network designs.
- Ability to provide routing, switching, Data Center, Firewall (ASA/SFR, Palo Alto, WatchGuard, Juniper, Sophos, Forcepoint, etc.) services and network optimization solutions
- Applies fair analytic process to resolve the issue and can synthesize complexities into clear communications and action plans.

Technology Summary:

- TCP/IP, OSPF, BGP, VRF, MPLS, TDP, LDP, IS-IS, RSVP, RSVP-TE, EIGRP, RIP v.1 and RIP v.2, MPLS VPN (L3/L2 VPN), Frame-Relay, IPSEC, DNS, DHCP, TFTP, POP, SMTP, NTP and IPV4/6, VIP, iRules, Load Balancing Techniques, Policy Based Routing, WAN Optimization, IPsec, IOS XE, NX-OS, QoS, VMWare ESXi.
- VTP, STP, MST, RSTP+, Trucking, VLANs, Logical Ether Channels, Cisco Catalyst 6k (VSS), Arista MLAG, VXLAN, EVPN, VPC, VDC, ACI.
- Call Manager 7.X, 8.X, 9.X, 10.X, Cisco Unity Connection 7.X, 8.X, 9.X, 10.X, Cisco Unity Express, Cisco Call Manager Express, Cisco Unified Presence, Cisco Unified Operations Manager, VG224 and LMS.
- VPNs (Site-to-Site, IPsec, Remote Access, SSL, WebVPN, GET VPN, DMVPN, ezVPN), IOS Firewall, Cisco PIX / ASA Firewalls, Juniper SRX, Netscreen, WatchGuard, Palo Alto, Sophos UTM Firewalls.
- Configuring Cisco Routers (7600, 7200, 3900, 3800, 2900, 2800, 1900), Catalyst Switches (6500, 4500, 4900, 3700, 3600, 2900, CE-500), Arista 7050, 7020, 720 switches, ASA5500, Palo Alto, WatchGuard, Sophos, Forcepoint, BIGIP 3900, Wireless LAN Controllers, Wireless Control System, Wireless Service Module (ESM), Cisco Prime Infrastructure, Cisco Spectrum Expert, Air Magnet, Ekahau, Wireshark, iPerf.