



Mohammed Nizamuddin

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Expertise Summary

- Around 4 years of solid hands-on technical experience on all networking & system devices including **Servers, Routers, Switches&Firewalls**.
- Sound understanding of all networking technologies related to Routing and Switching including **TCP/IP** protocol suite, Routing protocols **EIGRP, OSPF, RIP & BGP basic, L2/L3 Switching**, High Availability and IP services.
- **Pre Sales**, Technical Specification Documentation, Customer Satisfaction, **Service Level Agreement (SLA)**, Customer Handling, Negotiation, Escalation, **Key Performance Indicators (KPI)**, Process management, Project Management and Team building skills.

Certifications

- Cisco Certified Network Professional **CCNP R&S** [Cisco ID- **CSCO12663337**] pending
- Cisco Certified Network Associate **CCNA**
- ITIL® Foundation Certificate in ITSM [Cert No - **GR750133740MN**]
- Juniper Networks Certified Internetwork Associate **JNCIA-Junos 298363052**
- Alcatel Lucent Certified Field Engineer **ACFE OmniSwitch DT00CTE120**
- Comprehensive knowledge of Cisco Certified Network Associate : Security [**CCNA SECURITY**]
- Comprehensive knowledge of Juniper Networks Certified Specialist Security (**JNCIS-SEC**)
- ACSS Training - Avaya ERS & VSP Portfolios.

Education

- Bachelor of Engineering (E.C.E) from Osmania University, with an aggregate of **67%**.
- Intermediate/12th from Board of Intermediate Education, with an aggregate of **84%**.
- S.S.C/10th from Board of Secondary Education, with an aggregate of **70%**.

Professional Experience

Functional Area

: **Cluster Technology Solutions, Qatar**

Profile

: **Network Engineer**

Duration

: **Jan 2015- present**

Location: Doha, Qatar

Responsibilities:

- Designing, implementation and configuring Avaya/Cisco VoIP Network environment, Wireless Access Points, IP Based PBX Telephones.
- Maximizing network performance by monitoring performance, troubleshooting network problems, outages and schedule upgrades.
- Design, **BOQ** (Bill of Quantities), Estimates and System Material Specifications for the IT Enterprise projects in pipe.
- Provide day to day support, proactive maintenance and perform independent complex system troubleshooting.
- Provide technical leadership to the customers for the network solution. Meet with clients to discuss network system requirements, specifications, and timelines.
- Prepare and deliver technical presentations, **Proof of Concept PoC** and demonstrations to customers. This also includes developing and presenting technical designs to clients including network analysis, Visio diagrams and design validations
- Design, Organize and provide full Network Topologies and Infrastructure consultation including LAN (**Access, Distribution, Core**), Switching Design (including L2 VLANs, VTP trunks, Ether channels, Spanning tree (**RSTP, PVST, MSTP**), Routing Design (L3 redundancy, IGP like **OSPF, RIP and EIGRP**), WAN, Wireless.

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- Configuring Aruba controllers, APs and switches for WLAN deployment.
 - Resolving technical issues with Aruba Mobility Controllers and Mobility Access switches.
 - Troubleshooting issues with Aruba Controller Based Access points & Instant Access Points.
 - Meeting clients Annual Maintenance Contract (AMC) SLAs & conducting weekly visits to various clients' offices.

Functional Area	: Avaya TAC (Aricent Technologies)
Profile	: Associate Network Engineer (Technical Support)
Duration	: Dec 2013- Jan 2015 Location: Hyderabad, India

Responsibilities:

- Focus on customer requirements with their problems and if required, provide them strategic plans of action during maintenance windows for backups, redundancies and minimum downtimes. Strong focus on the repetitive issues and responsible for isolation of single point of failures related to the AVAYA products.
- Reproduce the customer reported issues in lab, analyze & if required file a bug through Problem Report to AVAYA accordingly. Co-ordinate with Engineering Team in AVAYA for resolution of it in upcoming software releases. To test the fixes provided by engineering team in lab & provide the tested solutions to customer.
- Understanding the requirement of the customer's in terms of Capacity planning, Design, Load balancing parameters and type of access.
- Working on various switching technologies like **STP, RSTP**, Stacking, Multicasting, VRRP, LACP and routing technologies like **OSPF, RIP & BGP**
- Configuration assistance to the customer/ Business Partners. Joining the maintenance window and assisting the BP/Customer in successful completion of activity.
- Troubleshooting WAN connectivity problems throughout the Network.
- Designing the loop free redundant LAN using **IST, MLT, SMLT, DMLT, RSMLT, VRRP, LACP, VLACP, VRRP backup Master, SLPP & HSRP**.

Functional Area	: Wireline Network (Alcatel Lucent MS – Reliance Comm Ltd N.O.C. India)
Profile	: NOC Engineer (Assistant Manager)
Duration	: Jan 2012-Dec 2013 Location: Mumbai, India

Responsibilities:

- Provisioning of the **E1/T1, VC3/DS3, STM1, STM4 & STM16** links via NMS for Enterprise, BTS, Voice Signaling on SDH Systems & co-ordinate testing with FM engineer accordingly.
- **Upgrade/Migrate/Re-Design** of existing Transport Network to support requirement as per congestion. Proactive correction of critical transport issues such as **bottle neck**, capacity choking issue.
- Working on **Trouble tickets** (TT), restoring the sites in agreed **SLA time**. Providing detailed **Root Cause Analysis (RCA)** on the issue. Analyze and resolve Network issues within the specified SLA's.
- **Planning / Implementation** of Ethernet, Leased line, Microwave circuit over current SDH/OTN Backbone network.
- Regularly Performing **Health Checkups** on NMS for PAN-India region regarding Node Visibility, Node performance with DCN team & Performance Team to avoid network outages issues.
- Analyze the link effecting alarms & give the recommendations for hardware & software up-gradation. Bandwidth utilization check for Customers on weekly basis.
- Provisioning MPLS L3VPN / DIA circuits for enterprise customers as per SOs assigned. End to End provisioning on RDN (Core) and Reliance MEN **Juniper, Alcatel Lucent, Cisco & Huawei Core Routers**.
- Configuring and troubleshooting Data Network platforms like Cisco Router of 7200, 7500, 3600, 2500 series, Juniper series & Huawei routers.
- Carrying out Planned Events on the Production Network in coordination with other teams/field engineers. Providing **RCA (Root Cause Analysis)** of Service Affecting Faults.

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Areas of Expertise and Technical Skills

ASA	Firewall Modes (Routed, transparent), Stateful Inspection, Security Contexts (Virtual Firewall), Security levels, Port-Redirection, DNS- Doctrone, DHCP Server, DHCP Relay Agent, Object-Tracking (SLA-Monitor), Redundancy & load balancing (Active/Standby failover and Active/Active Failover), Address Translation (NAT exemption, Static identity NAT, Policy NAT, Dynamic NAT), ACLs(standard, extended, named, reflexive, time-based) , MPF.
IOS Firewall	Router-Based Firewall, TCP Intercept, Lock and Key Security, URL filtering, Authentication Proxy, FPM, CPPr, TTL security, CPU and Memory Thresholds, IOS IPS, IP source tracker Context Based Access Control (CBAC), Zone-Based Policy Firewall (ZFW).
VPN	IPSec Site-to-Site, Remote Access VPN, DMVPN, Easy VPN, GET VPN, Split Tunnel, SSLVPN GRE over IPSec, Certificate Authority, SVTI & DVTI, NAT Transparency, Port forwarding.
Routing Protocols	Configuring and troubleshooting Static, RIP, OSPF, EIGRP, Default Route, Summarization, Authentication, Route Filtering, Distribution List and BGP Basic.
Switching Protocols	Configuring and troubleshooting VLAN, VLAN Trunk, VTP, STP, and Ether Channel, Switch Port Security, DHCP Snooping, Implementing HSRP, VRRP, GLBP.
Tool Used	VMware Workstation, Cisco TFTP server, 3C Daemon (TFTP, FTP, SYSLOG server), Cisco Packet tracer, Wireshark, Putty, SecureCRT, GNS3 (Graphical network simulator).

Hands on experience

Hardware:

Cisco Routers: 2600, 2800, 3600, 7200
Cisco Switches: 2900, 3550, 3560, 3750 & 4500
Avaya Devices: ERS 8600/8800, 55XX, 45xx &
VSP 9000, 8000, 7000, 4000

Software:

Cisco IOS, FortiOS, JunOS, CyberoamOS,
OmniSwitch AOS & Avaya CLI
Aruba OS 6.4.1 & 6.4.0
InstantOS 4.0.0.0&4.1.1.0

Alcatel Lucent: OS6450-P24/48, OS6860E, OS6855-P10, ASA 5500 v.8.2 - v.8.4

Firewalls: Juniper SRX 100 & 200 series, FortiGate-240D & 140D

Wireless: Aruba Wireless Controller 7000 series. Access Points model **AP103/103H/134/205/205H/225**

Personal Details

Date of Birth : 12/03/1991
Father's name : Mohammed Osman Ali
Nationality : Indian
Marital Status : Single
Languages Known : English, Urdu, and Hindi.
Passport No : K8268925
Address : Flat 202, Al Muftah Building , Al Rayyan road , Doha , Qatar PO Box:-11126

Declaration

I hereby declare that all the information given above is true and written with best of my knowledge and belief.

MOHAMMED NIZAMUDDIN