

IT PROFESSIONAL – NETWORKING SPECIALIST

Notable success in **Networking, IT Infra Management, IT Service Delivery & Support** and **monitoring daily IT operations** to ensure that the network is up & running while provide a high degree of reliability & **availability**

PROFESSIONAL SUMMARY

- **Senior Network Engineer with 15 years of experience in Routing & Switching, Security, Integration, Wireless & VoIP technologies.** Proven abilities in Project Management, IT Assets Management, Disaster Recovery & Business Continuity Planning, IT Security, Licenses, MIS Reporting, IT Audits & Compliance Functions (ITIL) with key focus on cost & resource optimization.
- Stellar role in provisioning of **AWS resources as EC2, VPC, Elastic Load Balancers, Route53, Security Groups, SNS, Cloud Watch/alarms monitoring, work with DevOps team on troubleshooting provisioning issues** and overall solution improvement.
- Instrumental in production of **network architectural design description documents, network architecture diagrams as well as low-level network design and configuration**
- Deft in **variety of hardware and software manufacturers including Cisco, Check Point, Juniper, Palo Alto, VMWare, AWS, F5, Genband, Brekeke, Asterisk, and Digitalt**
- Adept in setting up and utilising network monitor and management platforms including **SolarWinds, PRTG and Managed IT**
- Hands on experience and extensive understanding of:
 - Infrastructure protocols (BGP, EIGRP, OSPF, IS-IS), Load balancing, Multicast, VPN, Authentication (RADIUS / TACACS+, 802.1x)
 - Application protocols (HTTP/S DNS, DHCP, SFTP, SNMP, SIP/H323, LDAP) and Next Generation firewalls
- Customer-centric professional with skills in calculating technology needs and custom-designing **long-term IT Infra Design / Networking Solutions** to meet effectively meet client’s business requirements; ensured quality service delivery as per SLAs/ TAT.

CERTIFICATIONS

- Certified BIG-IP Administrator (F5-CA)
- Cisco Certified Network Professional (CCNP)
- ISTQB Certified Professional.
- Check Point Certified Security Administrator

EDUCATION

- M.Sc. Advanced Computer Networking from Glasgow Caledonian University in 2004
- BE (Computer Science and Engineering) from University of Madras, Chennai in 2001

CORE COMPETENCIES

Functional	IT Infra Design, Execution & Deployment	Networking Operations	IT Service Delivery
	Virtualization / Cloud Solutions	Routing, Switching /Load Balancing	IT Security & Audits
Technical	Client / Stakeholder Engagement	Troubleshooting/ Ticketing Support	Team Leadership/ Trainings
	Business Continuity Planning	Agile Methodologies	Integration, Up-Gradation
	Disaster Recovery Management	System/ Server Administration	Vendor Management

EMPLOYMENT CHRONOLOGY

Since Oct'17: Cisco Systems Inc. as Senior Network Engineer

SIGNIFICANT HIGHLIGHTS

- Responsible for execution of various Layer 3 technology projects, including IPv4, IPv6, BGP, OSPF, EIGRP, IS-IS, MPLS, L3VPN, QoS and Multicast across Cisco 8K, ASR9K and Cisco Catalyst 6k platforms
- Deft in managing end-to-end project lifecycle from scoping, budgeting, infra & material planning, site survey & feasibility, and ensuring delivery of projects within time, cost, SLAs / TAT & quality parameters
- Led automating IXIA, Spirent traffic generators and router configurations with team for automating for various protocols and functional features; generated detailed traffic reports, and identified protocol or scalability issues
- Steered troubleshooting complex LAN/WAN infrastructure, Layer 2 switching including VLAN, VTP, Ethernet Channel and Routing Protocols EIGRP, OSPF & BGP
- Significantly worked on features including SYPSV, Fabric-routing, Port-channel, SNMP, NAT, ACLs, PBR, IPsec, GRE tunnelling, DHCP Snooping, AAA (RADIUS & TACACS+), and Cisco ASAv
- Handled SNMP, Netconf /Yang data models for various components using NSO (Network Service Orchestrator), and GNM tools

- Coordinated with:
 - *SIT teams in replicating global customer topologies for replicating customer issues, proof testing design changes, and configuration changes*
 - *Development teams, debugging network protocols issues including route leaks, process crash, protocol convergence, memory leaks, and scaling constraints*
- Managed VMware, DHCP, DNS, and other infrastructure for the team, troubleshooting network/access-related issues, fixing vulnerabilities reported by Cisco Security teams

Apr'16 – Sep'17: Ondot Systems as Network/Integration Engineer

SIGNIFICANT HIGHLIGHTS

- Stellar role in setting up of:
 - *Cisco 5500 series Wireless Lan Controller and AP's for WiFi access, configured 802.1x(PEAP) for authenticating users against Windows AD*
 - *Checkpoint Security Management solution and rolled over Security Gateways across sites while administrating Access Control, IPS, Threat Prevention and other software blades*
 - *Configure, troubleshoot network protocols including BGP, OSPF, Linux Servers, VMware Infra, SSL VPN, Brekeke PBX, DNS and Active Directory Infra, Auto Data backups, and SolarWinds NPM/NCM.*
- Actively involved in planning and implementation of Data Center Migration, setting up infra with Nexus 7k; provisioning of AWS resources like EC2, VPC, Elastic Load Balancers, Route53, Security Groups, SNS, Cloud Watch and alarms monitoring
- Pivotal in running network scans, audit reports, and make necessary network changes to adhere to PCI compliance requirements
- Acquired experience of F5 and Fortiweb WAF devices, involved in setting up the same for protection against OWASP vulnerabilities
- Successfully integrated Ondot software solution with a number of client's login authentication systems using LDAP or AAA protocols and handling PKI related tasks for end-user secure access to the Ondot management interface
- Coordinated with Ondot clients on upgrades, installing patches, Cisco IPSLA, PBR rule changes & other network-related changes
- Instrumental in rolling out DMVPN connecting multiple office sites and data center, troubleshooting VLAN issues, setting up Interface bundles, and managing VMware infrastructure

Aug'13- Mar'16: International Voice Corporation Ltd. as Network Security: VOIP Consultant

SIGNIFICANT HIGHLIGHTS

- Pivotal in installation, configuration, and monitoring of network security equipment s Firewalls, IPS, WSA, Routers & Switches
- Designed, implemented and supported innovative security solutions, make recommendations on improvements to network and security services in coordination with customers
- Led operations on VMware, creating various windows server machines, Virtual firewalls, and F5 Load balancers as per business needs. Scaled network handling 7000 VOIP calls to 40,000 concurrent calls
- Successfully implemented:
 - *Remote Access VPN solution with Cisco ASA. Implemented Cisco ACS solution for AAA access to network devices*
 - *Next Generation Firewall: Palo Alto security solutions for Network Secure Access and threat management*
 - *BGP ISP peering with multiple carries, traffic shaping, QOS, high availability infra OSPF HSRP/VRRP*
 - *Manage network configuration, data-backups and monitoring with PRTG.*
 - *Procedure for resolution of customer trouble tickets, work with billing teams to resolve any billing related issues*
 - *PKI login for secure access to all the session border controllers and gateways in the network*
- Managed operations as SPOC for technical solutions and issues; delivered training to offshore NOC team
- Installed Genband Session Border Controllers, configure multiple SIP/H323 interconnects with carrier partners
- Led the array of functions as:
 - *Design validation and optimization of network infrastructure*
 - *Deploying technology updates, ensuring ongoing support, and licensing*

Mar'05-Jul'13: ICX Europe Ltd. as Senior Network Engineer

SIGNIFICANT HIGHLIGHTS

- Actively involved in:
 - *Installation and configuration of redundant BGP solution using Free BSD/Quagga routing software and VRRP.*
 - *Configuring and troubleshooting IPSEC VPNs connecting branch office and partner networks.*
 - *Management of OSPF network using Cisco routers and configuring HSRP on network edge routers for redundancy.*
 - *Configuring and troubleshooting Layer 2 and 3 switches and routers with STP, VLANs, VTP, and Port security.*
 - *Interconnection with different country incumbent carriers using VOIP & GRE/IPsec tunneling for security and IP constraints.*
 - *Installation, configuration, and maintenance of Genband SBC, VoIP gateways (Cisco/Quintum), and Digtalk/ECT MSPs.*
 - *Supporting NOC, responding to Customer/Carrier trouble ticket, and issues escalation.*
 - *Juniper SRX firewalls, managing multiple virtual interfaces firewall policies and NAT configurations*
- Conducted review and identified relationships thereby contributed to the highest standards of prospect and customer satisfaction
- Rendered training to new users, managing consistent documentation of the network setup/changes, carrier fault/quality issues, and other duties including disk space management, system backup and load balancing.

Commenced career from Mar'04 to Feb'05 with Lycatel Ltd. as Network Engineer