Senior Network Engineer
Senior Network Engineer - CareFusion Malaysia

• Always eager to learn new things and prefer a hands-on approach rather than just reading it
from a book
• Very curious person that likes to ask a lot of questions to complete my knowledge
• Focus a lot of attention on small details to make sure that my work is close to perfection
• Do not mind working long hours on tasks that I am assigned to and I would do everything I can
to meet its deadline
• Easy to work with and I do possess good leadership skills

WORK EXPERIENCE

Senior Network Engineer
CareFusion Malaysia - June 2013 to Present

Location: Bangsar South Date joined: Jun 2013 - Present
Position: Tier-3 Network Engineer

Job Scope
• Monitor the operation of the networks and system to ensure proper utilization of line,
hardware and software. Tune networks for optimal system performance.
• Serve as point of escalation for complex problem resolution typically for Level 3 issues.
• Prepare and maintain technical specification and documents, drawings and system
documentation.
• Interpret complex technical diagram in order to affect problem resolution.
• Understands and follows Change Management Procedures and Practices
• Assist in the evaluation of vendor proposals with respect to the hardware, communication
protocols, switching methods, access methods and tariffs and in the procurement of software and equipment;
recommend equipment for purchase or lease.
• Test and verify all changes to ensure changes occur without interruption.
• Involve in Test & Turn-Up (TTU) process prior to migration. TTU process includes new circuit
testing, configuration insertion and health check monitoring and testing.
• Liaise with Cisco NCE providing network optimization support to Customer. Proactively
ensure all network devices are functioning to optimum states, provide recommendations for improvement and
adhere to network security aspect.
• Mainly work on issues related to routing (MPLS, EIGRP, BGP, OSPF, WCCP and tunneling),
switching (spanning tree, VLAN, etherChannel, access-list, VLSM, trunking and Nexus
environment), wireless, load balancer and WAN optimization
• Involve in IOS upgrade for Cisco routers & switches and Citrix WAN accelerator
• Involved with Cisco High Touch Engineer to monitor closely the network and escalate the cases.
• Work with Dimension data, Cisco and Citrix for further network troubleshooting
• Document network issues and solutions for future reference
• Involve in network projects globally (engineering) and prepare project documentation.
Completed projects as below
o Network relocation at Australia and Hong kong
o Redesign network at Malaysia and adding new devices to network

o Update existing diagrams by analysing the current network design and traffic flow for
Asia Pacific region (Malaysia, Singapore, Thailand, India and Pakistan)

Reason for Leaving
Looking for challenges - Looking for a change in my role as a network engineer and seek
newer avenues and greater challenges

Network Engineer

American International Group (AIG)   -   June 2011 to May 2013

Location: Century Square, Cyber Jaya Date joined: Jun 2011 - May 2013
Position: Escalation Engineer (Leader)

Job Scope
• Perform changes to the network devices such as routers and switches as per TID documents
provided. The changes include minor and major such as Vlan changes, IP addresses, IOS
upgrade, new device commissioning and decommissioning, devices and parts replacement,
device migration and etc.
• Monitoring the migration work performed by local Third-party vendor on site.
• Focus on Layer 2 & Layer 3 Network Architecture Design. Focus on various technologies such as MPLS,
MPLS VPN, Metro-E, VPLS, and Enterprise Campus Network. Participate in Low
level Design deployment with the principal vendor (Cisco) for various telecom networking
projects.
• Involve in site survey, staging, and installation, configuration, commissioning and testing in
SP & Enterprise in multi-protocol environment. Involve directly with network deployment and service deliverable
to the customer.
• Liaise with Customer's NOC to provide 24/7 maintenance support from 1st Level to 3rd
Level of troubleshooting either remotely or onsite depending on severity of the cases.
Perform a step by step to isolate the network issue and do corrective maintenance to restore the network's
services as per SLA. To ensure all network devices performed
optimum state and availability targets are achieved.
• Performed preventive maintenance, hardware and links migration, and software upgrade and mitigation risks.
• Liaise directly with Cisco TAC
• Perform troubleshooting on any escalated issues (level 3 support) and work closely with the monitoring team
(NOC)
• Work with Dimension data, Cisco and Citrix for further network troubleshooting
• Deliver user support both in-person and over the phone in a professional manner
• Involve in network projects globally (engineering) and prepare project documentation.
Completed projects as below
o Network relocation at Pakistan and China
o Business unit integration (BUI) for Thailand
o IOS upgrade globally for Citrix Branch Repeater (CBR)
o Network auditing/assessment for AIG partners at India (Chennai and Bangalore)
o Wireless Intrusion Prevention System (WIPS) implementation globally
o Redesign network at data centre (Malaysia) and adding new devices to network

Reason for Leaving
Enhanced Education / experience - utilize my education and experience to enhance my
professional profile / job

Technology Consultant

Hewlett Packard (HP) - November 2009 to May 2011

Location: HP Global Center, Cyber Jaya Date joined: Nov 2009 - May 2011
Position: Tier-2 Network Operation (Leader)
Job Scope
• Monitor and troubleshoot network devices (Cisco and HP ProCurve)
• Provided on-the-job training for new staff
• Worked with vendors (AT&T and Verizon) to resolve complex circuit / routing issues
• Mainly worked on issues related to routing (BGP, EIGRP, frame relay, ISDN), switching
(VLAN, access-list and trunking), voice, integrated 3G cellular, IP routing and wireless issues
(Cisco access points and wireless bridges)
• Responsible in managing and guide the team in the right direction
• Involved in IOS upgrade for Cisco Access Points and wireless bridges
• Involved in global network device migration project (migrating Cisco switches to HP
ProCurve switches)

Reason for Leaving
Career growth - Could not see myself growing in the company and that is why looking for newer job where I
can improve and learn more in this field

Infrastructure Associate
Electronic Data Systems (EDS) - May 2008 to October 2009

Location: Enterprise 2, Cyber Jaya Date joined: May 2008 - Oct 2009
Job Scope
• Identifies, analyze, troubleshoot, monitor and resolve network issues (Cisco devices)
• Assisting and restoring circuit and network device down • communicate effectively with a diverse client base
both verbally and in writing
• troubleshoot every case assigned and drive towards positive resolution thereby to fix the issue and achieve
customer satisfaction
• Work as a team member with other technical staff to ensure connectivity and compatibility between systems
• worked in 12 hours shift (morning and night)
• Mainly worked on EIGRP routing, ISDN, frame relay, IP routing and VLAN

Reason for Leaving
Integration of EDS to HP Enterprise Services

EDUCATION

Bachelor's in Network Computing
Coventry University

SKILLS

CISCO Networking, ProCurve Networking, Load Balancer, Citrix, Firewall, WAN Optimazation, Web Design
And Development, Multimedia Editing

CERTIFICATIONS/LICENSES

Cisco Certified Network Professional (CCNP)
February 2010 to February 2013

Certified IP Associate (CIPA)
February 2011 to Present

IT Infrastructure Library (ITIL) V4
October 2010 to Present

ADDITIONAL INFORMATION

Core Competencies
• Layer 3 routing, including use of static and dynamic IGP protocols such as OSPF and EIGRP
• Layer 2 switching design and troubleshooting, use of VLANs, HSRP, Etherchannel, Nexus VPC
and Spanning-Tree protocol for segmentation, loop avoidance and redundancy of Layer2
switching
• IPSec and GRE Tunneling for Site to Site VPN (IPVPN)
• Familiar with Cisco SDM GUI for configuring Cisco Access Point and Firewall
• Documentation of networks using Microsoft Visio diagrams
• Familiar with Layer 2/3 and MPLS Proof of Concept Testing & Bug Scrub for new release IOS.
• Familiar dealing with Cisco Technical Assistance Center (TAC) for troubleshooting purpose and
analyzing root cause of the major issues
• Worked with Cisco ACE Load Balancer
• Familiar with Network monitoring tool using NetFlow and SNMP protocol such as Solarwinds
Orion, Cisco Prome, HP-NA, NetQOS and WhatsUp Gold.
• Familiar with IP Address Manager (Solarwinds & Infoblox)
• Worked with Cisco Nexus 7000, 5000 and 2000 Series for Data Center Deployment
• Familiar with WAN Acceleration and Optimization (Riverbed & Citrix)
• Network monitoring and troubleshooting on HP ProCurve devices
• Worked with Cisco ASA Firewall
• Familiar with Sniffer tools (NetScout Infinistream)
• Demonstrated effective verbal and written communications with ability to prioritize and handle
multiple-task
Curriculum Vitae . MOHANA SUNDARAN SEKARAN

Personal Characteristics
• Willingness to share information and ideas
• Commitment to teamwork, continuous learning & ideas
• Ability to react / deliver fast & quality service in meeting tight deadlines
• Sense of ownership of work and ideas
• Ability to communicate clearly & honestly with peers & client

Technical Skills/Knowledge
• Hardwares: Cisco Nexus switches, Cisco Catalyst Routers, Cisco Catalyst Switches, Cisco Wireless Access
Points, Cisco Wireless Bridges, Cisco Ace Load Balancer, Cisco ASA Firewall, HP ProCurve Switches, Citrix
Branch Repeater and Riverbed WAN Optimization
• Softwares and Utilities: Remedy, Citrix, SolarWinds Orion, Solarwinds IP Address Manager, Infoblox IP
Address Manager, WhatsUp Gold (WUG), Wireshark, Vital QIP, NetQoS, HPNA, NetScout Infinistream, Cisco
Prime, Microsoft office (MS Visio, MS Project, MS Word, MS Excel, MS Access, MS PowerPoint, MS Outlook)
Flash, Dreamweaver, Photoshop, Visual Studio
• Networks and Protocols: TCP/IP, IPv4, IPv6, Telnet, SSH, SSL, Ethernet, HTTP, SMTP, POP3, OSI
Protocols, Routing Protocol, DNS, DHCP, SSL and FTP

- Operating Systems: Windows Server 2008, Windows Server 2003, Windows 2000 Server, Windows 8, Windows 7, Windows XP, Windows Vista, Windows 2000 Professional, Windows NT Server, Novell Netware 6 and above
- Databases: SQL Server, MySQL and MS Access
- Service Management Methodologies / Frameworks: ITIL v4