

NETWORK ENGINEER

Professional Summary

- Experienced Network Administrator/ Engineer in network design and capacity planning.
- Certified Cisco Network Professional with strong knowledge in planning, installing, configuring, maintaining, and optimizing Cisco network hardware, software, and communication links.

OBJECTIVE:

To secure a challenging position as a Network Engineer

Core Qualifications

• Cisco Certified Network Professional (CCNP) Routing and Switching

oExam: 642-902 (Route)

oExam: 642-813 (Switch)

oExam: 642-832 (Troubleshoot)

• Cisco Certified Internet Expert (CCIE) Written(Exam: 350-001)

• Cisco Certified Network Associate (CCNA) Routing and Switching (Exam: 640-802)

• Cisco Certified Network Associate (CCNA) Security (Exam: 640-554)

• Microsoft Certified Information Technology Professional (MCITP)

oMCTS : Windows 2008 Network Infrastructure Configuration Exam: 70-642

oWindows Server 2008 Application Infrastructure Configuration Exam: 70-643

oWindows Server 2008 Enterprise Administrator Exam: 70-647

oMCTS Windows 7 Configuration Exam: 70-680

oActive Directory Exam: 70-640

Experience

October 2012

to

December 2013

Consolidated Communications Ellensburg , WA Network Engineer

• Perform network design and capacity planning.

• Develop, implement and maintain policies, procedures and associated training plans for network resource administration, appropriate use, and disaster recovery.

• Ensure stable operation of the in-house computer network and all connected PCs and peripherals, including planning, developing, installing, configuring, maintaining, supporting, and optimizing all network hardware, software, and communication links.

• Analyze and resolve end user hardware and software computer problems in a timely and accurate fashion, and provide training to newcomers.

• Assist with testing new custom hardware units and software products

• Assist the Service and Support team with hardware installations and troubleshooting.

• Work with the Service and Support team to create procedures, documentation, and train staffs when required

January 2010

to

August 2012

Cross Keys Village New Oxford , PA Network Instructor

• Prepared daily curriculum, quizzes, and tests related to Networking.

• Taught over 200 students regarding Networking, Router and Switch concepts all with hands on exercise

March 2009

to

December 2009

High Level Commission City , STATE Network Technician

• Conducted Case Study of Rural Information Center funded by United National Development Program (UNDP) and Government of Nepal.

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• Developed networking content for agricultural, educational and governmental information at the information center.

• Performed a feasibility analysis for an Information Center in the rural village.

Education

April 2004

Kathmandu University B.S : Information Technology

Skills

• Routing Static Routing, RIPv1, RIPv2, RIPng, IGRP, EIGRP, OSPF, IS-IS, BGPv4, ODR, GRE, MPLS, IPv6, Traffic Engineering, Policy Based Routing PBR, Route Filtering, Redistribution, Summarization

• Switching & Bridging Catalyst CatOS and IOS based Switches, VTP, STP, MST, RSTP+, Trunking, VLANs, Layer 3 Switches, Logical, Ether Channels

• QoS (Quality of Service) WRED, Queuing features, FRTP, CAR, RTP, MLS QoS, LLQ, Policy Based Routing, CBWFQ

• Multicast Implementations from medium sized to large environments (Videostream over Multicast). Auto RP, Bootstrap RP, Anycast RP, IGMP, CGMP, Multicast Security, Shared & shortest path models

• VoIP (Voice over IP) / IPT (IP Telephony) IP Telephony utilizing Cisco ISR routers, FXS, FXO, Call Manager, QoS implementation

• Security VPNs (Site-to-Site, IPSec, Remote Access, SSL, Cryptography, AAA, Radius, TACACS+, Kerberos, Cisco CAR Radius Proxy, Cisco Authentication Proxy, Access Lists, NBAR, Firewall, IOS Security, 802.1x, CBAC, DDoS prevention, Cisco CSA, Cisco Works Firewall, Cisco Secure ACS, Cisco VPN Concentrator, Cisco PIX / ASA Firewalls, Cisco VPN Client

• WLAN (Wireless LAN) Cisco Access Points and Bridges (standalone and controller based), 802.11a, 802.11b, 802.11g, 802.11n, standards, WLAN antennas, Cisco WLSE, L2/L3/Fast Roaming, WLAN Security (• WEP •, WPA & WPA2 / AES, 802.1x, EAP, TKIP)

• WAN Leased lines 64k - 155Mb (PPP / HDLC), Channelized lines (E1 / T1 / E3 / T3), Frame Relay, ATM, ISDN, Multi Homing

• Various Features & Services IOS and CatOS Features, HSRP, IRDP, NAT, SNMP, SYSLOG, NTP, DHCP, CDP, DNS, HTTP, TFTP and FTP, Management, IPv6 projects, RAS Solutions, Cisco CNR (DNS & DHCP server)

• Desktop Operating Systems MS-DOS, Windows 95/98/ME, Windows NT/2K/XP/7/8

• Server • Microsoft based Setup, Operation and Maintenance of WIN NT 4.0, WIN 2K, WIN 2K3, WIN 2K8 Server, Microsoft Client/Server: Active Directory, SQL, DHCP, DNS, Exchange, Hyper-V

•Virtualization VMware, vSphere, ESX Server, ESXi Server

•Hardware PC and Server hardware

•Software MS-Office Package (Word, Excel, PowerPoint, Outlook etc.), MS-FrontPage, Adobe Photo Shop, Dream Weaver, Fireworks, Paint Shop

Work History

Company Name Solution Partner

October 2012

to

December 2013

Company Name City , State Network Engineer

January 2010

to

August 2012

Company Name Cisco Network Instructor

March 2009

to

December 2009

Network Technician