Senior Network Engineer
Senior Network Engineer - Independent Professional Consulting

Union Grove, WI - Email me on Indeed: <u>indeed.com/r/c3d3deecb54dc77b</u>

Highly accomplished Network Engineer with strong technical skills and outstanding customer service. Over 20 years' experience in IT industry with high proficiency in Juniper and Cisco technologies including Video TelePresence solutions. Background includes pre-sales engineering support, administration and escalation support in small to large scale, complex enterprise environments. Expertise in design, implementation, and support of LAN/WAN technologies. Skilled in communicating with senior management, third party vendors, technical staff, as well as non-technical end-users. Trusted by management to direct complex mission critical network designs and projects under challenging time constraints.

COMPUTER NETWORKING SKILLS

Hardware: Cisco FWSM, ACE, NAM, and Supervisor Switch Blades for Cisco 6500 Enterprise Switches. Cisco […] Series Routers/switches. Cisco PIX/ASA Firewalls, Juniper T series Core, MX series Edge,
M series Routers and SRX Firewalls. Extreme Networks S series, K series and Black Diamond Series routers and switches, Riverbed 550, 1050, 2050, 5050, Granite/Virtual edge, Sonic Wall NSA 220, 3600, 4600 and 5600 Firewall/VPN/Security Solutions. Poloalto PA-5000 firewalls, Cisco TelePresence Profile 52, EX90, codec c20, c40 and c60, codian MCU, VCS-controls/expressway. Polycom HDX 6000, VSX7000, Crestor, Tandberg 6000 MXP, Cisco ACS Appliance, Cisco Nexus 2K FEX, 3K,5K,7K, 9K Devices.

Networks: MPLS, Frame Relay, DSL, VPN, ATM, Token Ring, VPLS, LAN, WAN, WLAN, MAN

Protocols: TCP, UDP, SSH, SSL, IPv4, SIP, H323, ATM, DSL, Ethernet, FDDI, HTTP, HTTPS, PPP,TELNET, SMTP, IPX, FTP, TFTP, LACP, ISIS, OSPF, EIGRP, RIP, BGP, iBGP, IGRP, IPsec, VOIP

Platforms & Systems: UNIX - Linux, Solaris, HP-UX, AIX, Windows Server […]
Authorized to work in the US for any employer

WORK EXPERIENCE

Senior Network Engineer
Independent Professional Consulting - February 2014 to Present

Offer Network and Security Solutions with Integration, Training and Documentation. Feb2014 Current Clients: CDW, Zebra, Rexnord, CHI, Cardinal Health, Froedtert Medical.

Senior Network Engineer.
• Created Best practice Solutions for managing ISP and External Vendor support and implemented said solutions into production practices to streamline change and problem management tools for stability of outsourced environment.
• Created and implemented process for adding devices into Identity Services to assist in controlling device access onto the network.
• Design/Build/Integrated Network Solutions into Acquired businesses for standardizing connectivity and workflow into those businesses.
• Modified Firewall rules to support New application and workflow requirements for acquired businesses.

• While working in the Medical/hospital environments, Brought up many remote clinics, replaced and updated closet technologies, and modernized the application and user interactions by upgrading EPIC, remediating all data center and closet hardware and re-designed the firewall solution for client and associate access utilizing Paloalto devices.

• Mentored Network Engineers in handling escalation and resolution of outages, surrounding internal and external customer issues with connectivity and security.

• Created Reaction and responsive behavior documentation for dealing with non PCI compliant customers, with requirements surrounding connectivity and the need to share secured and compliant environments.

• Built out Cisco Prime solution for configuration management control over Network Devices and prepared devices and environment for complacency alignment.

• Plan, develop, install, configure, and secure LAN, WAN, and VPN Networks. Monitor and analyze network traffic and provide capacity planning solutions for all related assets.

Senior Network Engineer

Nippon Express - October 2013 to February 2014

• Support network configuration and functionality for worldwide logistics company. Responsibilities included but not limited to 2811, 2821, 2911, and 2921 integrated router configuration for MPLS and VPN sites. Configuration of 3750, and 2960 switches for access and distribution layer functionality, and ASA 5505, 5520 for firewall security requirements.

• Worked on-call functions for off hour changes, network related issues, and outages.

• Integrated Lightweight and other autonomous wireless AP's (1121g,1140,1240AG) into large warehouse center utilizing 2112, 2125, and 4400 Controllers.

• Designed upgrade path for L3, separation requirements for business. This included existing router and switch configurations, and additional policies to support Video and Voice additions. Integrated Cisco Nexus with existing IBM PureFlex solution for leveraging 10gig Ethernet to handle new virtualization challenges within the business.

• Managed Monitoring environment utilizing tools like WLC, WCS, ACS, ASDM, and WebSense.

• Developed proof of concept for utilizing VPLS alternatives for simplifying site rollouts.

• Supported Data Center Role Swap for Proof of Concept, which included MPLS default route and Internet route connectivity for VPN customers.

PROFESSIONAL EXPERIENCE

Senior Network Engineer

HSBC/Capital One - May 2012 to October 2013

• Supported large IP phone roll out including unified IP phones like Cisco 9971/7945 - Nortel 1140E/ NTYs05 and integrated it with TelePresence Video Conferencing Equipment. Unified Communications Manager Integration with multiple internal applications like exchange server, Cisco VCS's Control/Express with Maintenance focusing on Qos Policies associated with Voice and Video requirements.

• Introduced new solutions utilizing Extreme Networks Router and Switches to reduce costs and move from standard three tiers to two tier networks with manageability.

• Managed and maintained Network devices like 6509, 6513, 3750, 2960 PoE, while supporting hardware and software tools for a Large Banking Business. Tools include ACS, NCM, OpenView, eHealth, WCS, and other OPNET Tools for capacity planning, Application Performance Monitoring, and Network Performance Monitoring, as well as Netscout Infinistream, and Service Desk for Trouble and Change management tickets.

• Design and maintain procedures and Business As Usual tasks for Network Management team, including Unified Communication Manager(Call Manager) user adds and deletes, ACS and NCM Device adds and deletes, OpenView Discovery, and SNMP Trap consolidation for Network Monitoring.

Senior Network Engineer

K-FORCE TECHNOLOGY STAFFING - Milwaukee, WI - 2011 to 2012

• Integrated Cisco TelePresence Video solutions, utilizing VCS-control, VCS-Expressway, TMS management server, and Codian 4501 MCU, Polycom VSX7000 and HDX6000. In addition to in House scheduling, setup Video Conferencing Bridge for both IP/ISDN Video devices with integration for calendar and scheduling systems with user interface.
• Design and configure enterprise and managed switch platforms for Global Network Services and Network Engineering groups. Devices included Cisco 3750, 2960, 2951, vg224, and 3550.
• Design and implement site models for Voice and Wireless networks.
• Configure Enterprise switch and Load balance policies for large server base solution, utilizing F5 Big IP for application security and gateway services for inbound and outbound traffic requirements.
• Develop Lan/Wan Traffic optimization, including virtualized services utilizing Riverbed's Virtual Edge and Cisco Solutions.
• Perform daily Network support and maintenance on Global networks, including but not limited to MPLS,VPN, DMVPN, site connectivity for Layer 2 &3 device configuration on 4503, 3750, 2960 2951, 3550, 4948.
• Lead role in Optimizing, Configuring, Maintaining and Reviewing daily Riverbed status for 90 sites.

PROFESSIONAL EXPERIENCE

Network Engineer / Research and Development Analyst

FIDELITY INFORMATION SERVICES (FIS) / eFUNDS CORP, DELUXE DATA   -   New Berlin, WI - 1998 to 2010

New Berlin, WI 1998 - 2010
Leading provider of core financial institution processing, card issuer and transaction processing services, switching and transaction management.
Network Engineer / Research and Development Analyst
Designed and configured enterprise Cisco products into working solutions for Web and Application portal for large internet banking product access. Supported network connectivity for 30 of the largest global banking institution customers including Discovery, Citibank, Bank of America, HSBC, BOA, USSA, and MasterCard.
• Collaborated with management, product groups, technical leaders, and key personnel to establish level of engineering involvement while implementing and supporting specific network projects.
• Resolved production issues; performed situation analysis and recommended appropriate courses of action to developers/technicians and management on operation issues.
• Reviewed routine processes, maintained router and switch configuration per PCI and company standards, including hardening, updating IOS and configuration standards, password and monitoring implementation.
• Utilized Cisco solutions in many customer connectivity environments, including EIGRP, HSRP, BGP, OSPF, complex route map distributions, and access-lists on 2600, 3600, 3700, 3800, 4948, 4840G SLB, 6500, and 7200 series routers and switches.
• Conducted upgrade and replacement analyses, wrote support documentation, and developed service levels for network operations in the common areas (VPN, MPLS, FRAME, ATM, dial-up solutions).

SKILLS

Analyzer (10+ years), Cisco (10+ years), Citrix (5 years), Netscout (7 years), OpenView (10+ years)

ADDITIONAL INFORMATION

Software Packages: Cisco Unified Communication Manager, Cisco TelePresence Management Suite, Cisco Device Manager, Cisco UCS Manager, Intrusion Detection Tools, Encryption Software, Sniffer tools (Cisco NAM, wire shark, Azure), Remedy, Aperture, Cisco ISE, Cisco Prime, Cisco WCS, Cisco ACS, Cisco NCM,

Net QoS performance center, Steelhead Mobil Controller, Citrix MetaFrame, eHealth, HP Openview. Riverbed Central Management Console, NetScout, AccelOps, WhatsUp Gold, Solar Winds and Orion Database/ Network and System Management suite utilizing Network Performance and Server/Application Monitoring and additional toolsets like Virtualization Manager, Netflow Traffic Analyzer, Ip address manager.