JOSH DA
Network Engineer

El Segundo, CA - Email me on Indeed:

• Around 5 years of experience as Network Engineer in Routing, Switching and Firewall Security, including hands-on experience in providing network support, installation and analysis for a broad range of LAN / WAN/ Data Center communication systems.
• Expertise in implementing, maintaining and troubleshooting L2 switching tasks such as VLANs, VXLAN, VTP, VLAN Trunking using ISL and 802.1Q, STP, RSTP, PVST+, Ether channel using LACP and PAgP, Inter-VLAN routing.
• Expertise in static and dynamic routing, Dynamic protocols like EIGRP, OSPF, RIP, and BGP.
• Well Experienced in configuring Gateway Redundancy Protocols such as HSRP, GLBP, and VRRP
• Hands on experience in configuring Cisco Prime 2.1 and WCS wireless platforms.
• Performed security operations on ASA firewalls such as IPsec VPN'S, NAT, configuring Active/Standby Stateful failover, and any connect Web VPN.
• Experience in installing, configuring and troubleshooting of Checkpoint and Palo Alto Firewall.
• Worked extensively in Configuring, Monitoring and Troubleshooting Checkpoint security appliance, Failover DMZ zoning & configuring VLANs/routing/NATing with the firewalls per design.
• Configured and managed Nexus platform devices, which includes Nexus 9K, Nexus 7K, Nexus 5K and N2Ks in data center environments.
• Experience working on Aruba wireless controllers.
• Designing and implementing F5 BIG-IP load balancer.
• Extensive knowledge in implementing and configuring F5 Big-IP LTM-3900, and 6900 Load balancers, these are configured as LTMs.
• Experience with Bluecoat Proxy servers and Packet Shaper Systems.
• Configured Cisco Access Control Server (ACS) to enforce security policy in User Groups.
• Design and deploy Cisco ACS Server solutions including TACACS+, High Availability, Active Directory integration, etc.
• Experience in installing and configuring DNS, and DHCP server.
• Experienced working on network monitoring and analysis tools like, SOLAR WINDS, CISCO works.
• Experience in WAN Accelerations devices like, Cisco WAAS and Riverbed.
• Performed deep packet analysis to troubleshoot application issues using tools like Wire-shark.
• Extensive knowledge in different networking application protocols DHCP, DNS, FTP, TFTP, PAP, CHAP, HTTP, HTTPS.
Willing to relocate: Anywhere

WORK EXPERIENCE

Network Engineer
One Stop Internet   -   El Segundo, CA   -   January 2016 to Present

Description: Responsibilities included new installations, upgrades, and maintenance of the LAN/WAN, Network Security.
Roles and Responsibility:
• Configuration and Administration of Cisco and Juniper Routers and Switches.
• Administration and diagnostics of LAN and WAN with in-depth knowledge of TCP/IP, NAT, PPP, ISDN and associates network protocols and services.
• Configuring VLANs and implementing inter VLAN routing.

- Testing E911, voicemail, Media gateways.
- Upgrading and troubleshooting Cisco IOS to the Cisco Switches and routers.
- Configure and troubleshoot Juniper EX series switches and routers.
- Configuring Site to Site to VPN connectivity.
- Implementation of HSRP, IPSec, Static Route, IPSEC over GRE, Dynamic routing, DHCP, DNS, FTP.TFTP, RAS
- Involved in configuring Cisco Net flow for network performance and monitoring.
- Involved in designing and implementation of wireless IPT devices.
- Involved in Disaster recovery, like diverting the from one data centre to different data centre when disaster occurs.
- Involved in configuration of Cisco 6500 ACE switches
- Configuring IPSLA monitor to track the different IP route when disaster occurs.
- Involved in Implementing, planning and preparing disaster recovery.
- Having meetings with the application group and gathering requirements for disaster recovery.
- Involved in configuring Juniper SSG-140.
- Involved in configuring Cisco pix firewall.
- Involved in configuring checkpoint firewall.
- Involved smart view tracker to check the firewall traffic.
- Troubleshooting hardware and network related problems.
- Creating, Managing and maintaining rules to adhere corporate security standards using checkpoint Firewall
- Migration to virtual servers in F5 Load balancer as part of web
- Coordinating with Vendors for creating and modifying firewall and NAT rules and Maintaining Site to Site and SSL VPN.

Network Engineer

Netreca   -   Anaheim, CA   -   January 2015 to November 2015

Roles and Responsibilities:
- Configuring routing protocols BGP, OSPF, EIGRP, RIP
- High availability - HSRP, VRRP, ether channel creation on Cisco, switches and routers.
- Datacenter build and support.
- Datacenter Implementation.
- Network design for new server connectivity.
- Implementing a new Network Architecture as per low-level design.
- Monitoring alerts and reporting to Global Foundation Services and Microsoft Operation Center
- Transitioned as Network Project Manager and participated in kick off meetings, gathered data from stake holders to create Network design template.
- Worked on Network Acceptance to comply with Microsoft design standard and delivered projects in time after quality check.
- Weekly and daily meetings with clients to understand their network requirements discuss these with management and come up with an action plan.
- Quickly resolve all IP network issues to reduce waste and downtime of a Network infrastructure.
- Experience in ordering new modules and SFPs for the devices to support network expansion.
- Helping Tier I engineers in any of the issues related to various aspects and concerns.
- Interacted with different teams - on developing/ implementing the Onsite Offshore model for 24X7 supports.

Network Engineer

DHL   -   Hyderabad, ANDHRA PRADESH, IN   -   November 2011 to July 2014

Roles & Responsibilities:
- Responsible for implementing, supporting, and maintaining 24x7 network services.

• Coordinated efforts with Engineer's to ensure all network devices conformed to defined network standards.
• Configured various Routing protocols such as RIP, OSPF, EIGRP, static routing.
• Provided configuration of STP and Port Security on Catalyst 6500 switches.
• Configure the Cisco CRS-1 Routing System, back out of configuration changes, and restore older versions of a configuration.
• Troubleshooting of Cisco 2800, 2900, 3900, 7200, 7600, ASR9k, CRS, GSR 12k Series routers.
• Configure the Cisco IOS XR security features in both owner SDR and non-owner SDRs
• Configure legacy route map configurations using the new Cisco IOS XR Routing Protocol Language (RPL)
• Maintaining Core Switches, creating VLANs and configuring VTP.
• Optimized performance of the WAN network consisting of Cisco 3550/4500/6500 switches by configuring VLANs.
• Performed redistribution with OSPF, EIGRP, RIP version 1 and 2 to enable communication with backbone.
• Configured OSPF for Stub area, Totally Stubby Area and NSSA.
• Executed BPDU Guard, port-fast, uplink fast and other spanning tree features on various layers 2 and layer 3 switches.
• Troubleshooting advanced Riverbed Issues and settings.
• Configured and optimization settings of Riverbed.
• Troubleshooting of Cisco 2900, 3900, 6500, 7500, 7200 Series routers.
• Configured static NAT, dynamic NAT, dynamic NAT overloading.
• Back up a Cisco IOS to a TFTP server and Upgraded and restored a Cisco IOS from TFTP server.
• In-depth expertise in the implementation, optimization, troubleshooting and documentation of LAN/WAN networking systems.
• Worked on a broad range of topics such as proactive monitoring and maintenance, disaster recovery exercises, and core network repairs.

EDUCATION

Autonomous Systems and Engineered
California state University Fullerton
January 2016 to May 2016

communication
California state University Fullerton
January 2015 to May 2015

SKILLS

Cisco (5 years), EIGRP (3 years), LAN (4 years), OSPF (3 years), Security. (4 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS:
Switches: Cisco Catalyst 3560, 3750, 3850, 4500, 4900, 6500& Nexus 2K, 5K, 6K.
Routers: Cisco 2900, 3600, 3800, 3900, 7200, ASR 1001X
Routing: RIP, OSPF, EIGRP, BGP, VRFS,
Switching: VLAN, VXLAN, Dot1Q, VTP, STP, RSTP, PVST, PVST+, HSRP, GLBP, Port Security, Nexus VPC/ VDC/OTV, FEX, MPLS,WAN
Protocols: TCP/IP, UDP, ARP, ICMP, DNS, DHCP, SNMP, HTTP
LAN-WAN: Ethernet, Frame relay, HDLC, PPP, T1, T3, OC Standard, DSL, ISDN

VPN: PPTP, L2TP, Site to Site, IPSEC, SSL

Firewalls & Security: Cisco ASA 55XX series, Checkpoint R77, Palo Alto, Blue Coat

Load balancers: F5 LTM BigIP (6400 and 6900)

Wireless: Cisco 3600 Access points and Cisco 55XX Wireless LAN controllers

Tools: SolarWinds, WireShark, WinSQL and GNS3

Others: Windows Server […] MS SQL, Oracle, C and JavaScript Infoblox NetMRI

Operating System: Win 7 and Windows 2012 server, Linux Fedora, Mac OS X Yosemite