

Network Engineer Network Engineer Network Engineer - AllSafe IT San Jose, CA CCNA Certified professional experience with networking installations, Configurations testing, troubleshooting, implementing, optimizing, maintaining enterprise data network and service provider systems.

Working experiences with Routers, Switches, Load Balancers, Firewalls, and Proxies. Hands-on experience in working with Cisco Nexus Switches and Virtual Port Channel configuration. Strong experience with routing protocols (RIPv1/2, IGRP, EIGRP, OSPF, BGP), IEEE 802.11, switching (VLANs, VTP Domains, STP and Trunking). Extensively worked with Configuration of Network and Security devices such as Cisco routers and switches (Cisco 7K/5K), Firewall (Checkpoint R75/Gaia and Cisco FWSM), Load Balancers and DNS and IP Manager (Infoblox). Hands on experience on Cisco Routing, Switching and Security with Cisco hardware/software Cisco Catalyst 6500, 4500, 3500, 3750, 2900 XL series switches, Cisco 1800, 2600, 2800, 3600, 3800, 7200 series routers. Implement and troubleshoot Static NAT, Dynamic NAT, PAT, Spanning Tree Protocols (STP), MSTP, RSTP. Experience in configuring and troubleshooting route Re-distribution between Static, RIP, EIGRP, OSPF, and BGP protocols and in Route Manipulation. Configuration and administration of firewalls, which includes Checkpoint, Juniper, and Cisco ASA firewalls. Worked with protocols such as Frame Relay, IEEE 802.11 and VLAN, OSPF and BGP, DNS, DHCP, FTP, NTP, SNMP, SMTP, and TELNET. Proficient in using Network Management Application layer software's like SNMP, Solar winds, NTP and Syslog. Configured VDC, VPC, and OTV on the Nexus 5K and 7K switches. Using IP Address Manager (IPAM) provides a centralized management of the IP address space, including IPv4 and IPv6 Address Management. Proficient in implementing first hop redundancy protocols like HSRP, VRRP, and GLBP. Working with Nessus tool for Running vulnerability reports. Extensive and in-depth knowledge in Security, including VPN, IPSEC, and GRE. Strong experience in Network management application SNMP, Cisco Works LMS, HP OpenView, Solar winds, Ethereal. Authorized to work in the US for any employer

Work Experience Network Engineer AllSafe IT - Los Angeles, CA January 2018 to Present

Responsibilities: Configured Routing protocols such as RIP, OSPF, EIGRP, static routing and policy-based routing. Team member of Configuration of Cisco 7206 router with VPN and

Configuration of Catalyst switches. Configuration 7500, 7200 with OSPF and catalyst 6505, 4500, 3550 switches with various VLAN. Troubleshooting the Network Routing protocols (BGP, EIGRP and RIP) during the Migrations and new client connections. Configuration and troubleshooting link state protocols like OSPF in single area and multiple areas. Redesign of Internet connectivity infrastructure for meeting bandwidth requirements. Configured and managed VLANs, 802.1Q Trunk, RPVST+, Inter-VLAN routing, HSRP and LAN security for Layer-2 and Layer-3 switching domains as per the organization's requirement plan. Optimized performance of the WAN network consisting of Cisco 3550/4500/6500 switches by configuring VLANs. Configured BPDU Guard, port-fast, uplink fast and other spanning tree features. Configuration and troubleshooting of Cisco 2500, 2600, 3000, 6500, 7500, 7200 Series routers. Strong working knowledge of Nexus 5K/7K /2K. Experience working with Nexus 7010, 5020, 2148, 2248 switches. Worked with Network Engineer's in the installation and configuration of firewalls. Upgrades, installs, configuration and administration security and monitoring tools on Linux. Excellent in patches and packages installation on Linux/Unix Environment. Responsible for network evaluations, troubleshooting a variety of network problems, and implementing various software and hardware upgrades efficient performance. Designed and implemented DMZ for Web servers, Mail servers & FTP Servers using Cisco ASA5500 Firewalls. Generating RCA (Root Cause Analysis) for critical issues of layer1/layer2/layer3 problems. Provided redundancy to the network, implemented hot standby routing protocol (HSRP) and Load sharing for effective utilization of routers. Configuring, implementing and troubleshooting VLAN's, VTP, STP, Trunking, Ether channels. Involved in monitoring network traffic and its diagnosis using performance tools like Snort. Expertise in maintenance of layer2 switching tasks which advocate VLAN, VTP, STP, RSTP, PVST, RPVST, configuring of ether channel with LACP and PAGP along with troubleshooting of inter-VLAN routing.

Packet capturing, troubleshooting on network problems with Wireshark, identifying and fixing problems. Implementing, configuring, and troubleshooting various routing protocols like RIP, EIGRP, OSPF, and BGP etc. Environment: Nexus 2K/5K/7K, F5 Big-IP LTM-6400 load balancer, Checkpoint R75, Bluecoat Proxy, Cisco ASA 5500 LAN, WAN, HSRP, RIP, OSPF, BGP, EIGRP,

VLAN, MPLS, STP, RSTP. Network Engineer Cisco Meraki - San Francisco Bay Area, CA January 2017 to December 2017 Responsibilities Designed Internet connectivity infrastructure for meeting bandwidth requirements. Experience working in data centre environment, configuration changes as per the needs of company. Implementing and troubleshooting VLAN's, VTP, STP, Trunking, Ether channels. Implementation of Access Lists for allowing/blocking desired traffic. Configuring VLANs/routing/NATing with the firewalls as per the network design. Involved in the troubleshooting aspects of complex network infrastructure using the routing protocols like EIGRP, OSPF & BGP. Responsible for Cisco ASA firewall administration, Rule Analysis, Rule Modification. Good knowledge in systems integration, software hardware emulation experience. Configured and deploying Cisco catalyst 6506, 4948E, 4510 switches and Cisco 3660, 3845, and 7609 series Routers. Perform setup of test scenarios, both hardware and software components, and perform troubleshooting. Performed troubleshooting on link state protocols like OSPF in single area and multiple areas. Implementing LAN/WAN configurations on Cisco 5000, catalyst 6500 switches. Experience in Virtual Device Context in Nexus 7000 series switch. Implemented site-site VPN on cisco ASA 5500 firewall. Resolving various OSPF issues in an OSPF multi area environment. Implemented BGP WAN routing, converting OSPF routes to BGP (OSPF in local routing). Environment: Cisco 6506/4948/4510 Switches, Cisco 3660/3845/7609 Routers, VLAN, Checkpoint, RIP, EIGRP, OSPF, BGP, MPLS, HSRP, VRRP, GLBP, ASA 5500. Junior Network Administrator S.V Enterprises August 2012 to November 2015 Responsibilities Provided technical Support in an enterprises environment. Administrated Linux System like installation, networking, firewall, security, web servers and databases. Installed, configured and maintained servers and workstations according to the standards, policies, procedures and configuration guidelines. Diagnosed and troubleshoot wireless, participated in assessment, planning, designing, and implementation of Network and Security solutions including high availability, routing/switching, VPN, security policies and address translation. Basic Troubleshooting of networking devices installed within the office campus. Prepared Documentation for installation of various software. Managed Inventory of all network hardware devices. Configuration and installation of routers and switches

within the workstation. Setup workstations for new employees. Making user accounts for new employees on Linux platform with controlled permission. Providing technical assistance and support to Cisco customers on 3925, 3800 routers. Implemented VTP and Trunking protocols (802.1q and ISL) on 3560, 3750 and 4500 series Cisco Catalyst switches. Worked on Cisco Layer 2 switches (spanning tree, GRE Tunnel, VLAN). Tested authentication in RIPv2, OSPF and BGP. Tested BGP features such as EBGp load balancing. Education Master's Skills BGP (4 years), Catalyst (4 years), Cisco (4 years), OSPF (4 years), VLAN. (4 years) Additional Information Technical Skills Routers & Switches: cisco routers 1800, 2800, 3600, 3700, 7200, 7600 series cisco catalyst switches 2960, 3500, 3750, 4500, 6500 series Protocols: OSPF, RIP, EIGRP, VLAN, STP, WAN, LAN, BGP, TCP/IP, VPN, HSRP, VRRP, GLBP, RSTP, SPAN, Net Flow, SNMP, VTP Network Management Tools: Wire shark, Net Scout, Cisco Works, and Ethereal, TCPdump Security Server Protocols: TACACS+, RADIUS Operating Systems: Microsoft Windows, Linux, Unix

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