Network Engineer Network Engineer Network Engineer - Commercial Metals Company Dallas, TX Cisco Certified Network Professional with over 5 years of expertise in Designing, Implementing and Troubleshoot various Network Technologies.   Hands-on experience in the areas of Wi-Fi portfolio, Routing, Switching and Troubleshooting   Strong knowledge in configuring and troubleshooting routing protocols like RIP, OSPF, SNMP, EIGRP and BGP   Experience working with 2600, 2900, 3600, 3900, 7200, 7600 series Cisco Routers.   Implementation, working analysis, troubleshooting and documentation of LAN, WAN & WLAN architecture with excellent work experience on IP series   Working knowledge with Load Balancers F5, AVI networks.   Working knowledge of Firewall, LDAP, AAA, TACACS/RADIUS, and IPSEC.   Comprehensive understanding of OSI Model, TCP/IP protocol suite (IP, ARP, ICMP, TCP, UDP, SNMP, FTP, TFTP).   Security policy configuration including NAT, PAT, VPN, SSL-VPN, Route-maps and Access Control Lists.   Strong practical experience in IP addressing, Sub-netting, VLSM and ARP, proxy ARP, and ping concepts   Expertise in troubleshooting and configuring DNS, DHCP, TFTP, TELNET, SSH, FTP and NFS   Excellent hands-on experience in designing and implementing IP addressing that includes both IPV4 and IPV6   Implementation of Access lists, route maps, and distribute lists.   Strong fundamental knowledge in implementing Layer-2 level technologies including VLAN's, VTP, STP, RSTP and Trunking.   Technical support for improvement, up-gradation & expansion of the network architecture.   Good understanding and working knowledge of Protocols like IEEE 802.1, IEEE 802.3& IEEE 802.11, 802.1x, EAP, PEAP & EAP-TLS.   Working Experience with Palo Alto Firewall.   Experience of IP addressing, administrating subnets and various routing models   Excellent communication skills, Enthusiastic, motivated and a team player.   Played various customer interaction roles in various capacities, across projects in different areas.   A highly organized individual who adopts a systematic approach to problem solving, effectively analyzes results and implements solutions.   Highly motivated with the ability to work independently or as an integral part of a team and Committed to highest levels of professional projects. Sponsorship required to work in the US Work Experience Network Engineer Commercial Metals Company - Irving, TX January 2019 to Present Responsibilities: Coordinate with multiple vendors like Cisco,

Juniper, F5, Citrix and Arista for TAC cases for device issue and coordinate with major ISP's for link issues. Responsible for the installation, configuration, maintenance and troubleshooting of the company network. Duties included monitoring network performance using various network tools to ensure the availability, integrity and confidentiality of application Implemented TCP/IP and related services like DHCP/DNS. Configured Palo-Alto 7050 firewalls in vwire mode. Also configured Palo-Alto 3050 firewalls. Implemented Positive Enforcement Model with the help of Palo Alto Networks. Working knowledge of firewall technologies Palo Alto. Experienced in facing the Bluecoat and Palo Alto product lines, up to pre sales type of function. Demonstrated experience with Check Point, Cisco, and Palo Alto Networks solutions Innovated with support of Palo Alto for remote and mobile users and for analyzing files for malware in a separate (cloud-based) process that does not impact stream processing. Responsible for turning up BGP peering and customer sessions, as well as debugging BGP routing problems. Provided Load Balancing towards access layer from core layer using F5 Network Load Balancers. Managed the F5 BigIP GTM/LTM appliances to include writing Irules, SSL offload and everyday task of creating WIP and VIPs Configured Security policies including NAT, PAT, VPN, Route-maps and Access Control Lists. Hands on Experience with Juniper MX960 Series. Configuring, implementing and troubleshooting VLAN's, VTP, STP, Trunking, Ether channels. Patch and test cables for new and existing sites. Configuring F5 LTM's by adding new requested pools, pool members. Migrated legacy F5 LTM and GTM appliance to newer version appliances Created complex rules utilizing TCL scripting to perform load balancing decisions Configured F5 GTM solutions, which includes WideIP, Pool Load Balancing Methods, probers and monitors. Technical assistance for LAN/WAN management and complex customer issues. Provided support for troubleshooting and resolving Customer and user reported issues. Worked with Network Engineer's in the installation and configuration of firewalls. Performed route redistribution & manipulated route updates using distribute lists, route-maps & administrative distance, offset-lists. Involved setting up the TFTP server for backing up the IOS images and configuration files of Cisco Routers and Switches and troubleshooting the file servers. Configuration of EIGRP and OSPF as interior gateway protocol with route filtering and route

redistribution.   Responsible for service request tickets generated by the helpdesk such as troubleshooting, maintenance, upgrades, patches and fixes with all around technical support Supporting EIGRP and BGP for problems of L2/L3 in internal teams & external customers. Troubleshooting and supporting multiple OS and hardware environments.   Maintained detailed time based incident logs and technical checklists.   Responsible for documenting network related issues.   Extensively worked on F5 load balancers & F5 firewalls.   Hands on experience on test tools like IXLOAD, SPIRENT (Landslide).   Environment: Juniper MX960 routers, F5 BIG-IP LTM, F5 AFM, OSPF, BGP, MP-eBGP, Ixload and Spirent. Network Administrator Charter Communications - Hemet, CA September 2017 to December 2018 Responsibilities: Main responsibilities include installation, maintenance, support and services of the various Network equipment.   Familiar with configuring Cisco Routers (2600, 2800 and 3600 series), Cisco Catalyst Switches (2900 and 3500, 3750 series) and Firewall (Cisco ASA).   Experience in troubleshooting network and isolating the problems using tools, ping and trace route and debug commands.   Hands on experience of Cisco works and Cisco configuration professional tools used for Network discovery, topology views, end-station tracking, and VLAN management.   Responsible for Monitoring and tracking of network response time and availability.   Used Wire Shark Network Packet Analyzer for capture live packet data from network interface and troubleshoot network related problems.   Knowledge of Manage Engine Op Manager and PRTG for Monitoring, analyzing and availability of network traffic. Performing installation and upgrading recommended hardware and/or software in a manner that is timely and non-disruptive to end user.   Implementing and maintaining backup schedule. Conceptual and working knowledge of RIP, OSPF, EIGRP routing protocols.   Created network diagrams using Microsoft Visio and trained the work-center on proper.   Troubleshooting procedures as well as implementation of new firewall rules.   Created and configured VLANS and inter-VLAN routing with Cisco Catalyst 3550 and Cisco 3750 series switches. Designed basic security and implemented Access Control Lists, static routes, route redistribution.   Provide technical support and investigating, diagnosing and resolve network problem.   Provide timely and accurate progress status on all ongoing support issues with an emphasis on problem, issues and concerns.

Implemented IDS and IPS solutions.   Implemented Layer 2 switch security including port security, disabling all unused ports & putting them in unused VLAN. Implemented Cisco router and switches hardening.   Enable STP attack mitigation BPDU guard, Root guard, Loop guard. Configured 802.1x authentication in switch ports.   Responsible for managing & operations of Cisco 2600 series, 2800 series router, as well as 2900 series, 3500 series Cisco switches.   Implemented SNMP on devices to allow for network management.   Involved in lab testing using Gns3 and validation of network modifications before implementation.   Configuration of SSH on all network switches and routers for secure management purposes.   Experience on security applications like standard ACL, Extended ACL, and NAT & PAT.   Experience of configuring and monitoring Cisco router using Cisco Configurational professional.   Created OSPF multi area summarization plan, and created stub, totally stub areas.   Configured, managed and troubleshooting IP routing using a combination of static routing and dynamic routing protocols OSPF, EIGRP, RIP etc.   Environment: Cisco Routers 2600, 2800, 3600, 3700; Cisco Catalyst switches 2950, 3500; Routing Protocols EIGRP, OSPF, RIP; VTP, STP, VLAN; Desktop Support Engineer i7 Networks - IN April 2014 to July 2017 Responsibilities: To manage all network connectivity as well as system.   Support on peripherals and devices.   Desktop/Laptop Support.   Installing any kind of software and troubleshooting the issues.   Configuring Outlook, MS Outlook & troubleshooting the issues. Install & Configure printer server & troubleshooting the issues.   Day to day System Administration and troubleshooting of networking, windows.   Operating system and software support.   Windows NT, 95, 98, 2000, 2003, XP, 7, 8,2008R2 Installation and configuration. Education Master of Science in Electrical Engineering in Electrical Engineering The University of Texas at Arlington - Arlington, TX Bachelor of Science in Electronics and Communication Engineering in Electronics and Communication Engineering Visvesvaraya Technological University Skills Bgp, Catalyst, Cisco, Dhcp, E1, Vmware, Security

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