

Network Administrator Network Administrator Network Administrator - Zebra Technologies Network engineer with around 5+ years of experience in routing, switching, firewall technologies, system design, implementation and troubleshooting of complex network systems. Worked on Cisco Nexus 9000, 7000, 5000, 2000, Catalyst 4500, 6509, 7613 series switch, 6500, 7200VXR, ASR 1002, 1006 router. Hands-on configuration and experience in setting up Cisco routers to perform functions at the Access, Distribution, and Core layers. Hands on Experience with Back up, upgrade and restoring all OS for future disaster recovery purposes. Expertise in configuring of MPLS, IP Multicast, VPN, Frame Relay and Policy routing. Widespread work proficiency in advanced TCP/IP Management, IP Addressing & Subnetting VLSM, Route Summarization, Route Redistribution and NAT/PAT. Worked on Cisco Nexus 9000, 7000, 5000, 2000, Catalyst 4500, 6509, 7613 series switch, 6500, 7200VXR, ASR 1002, 1006 router, Cisco Meraki switches and routers. Experienced with route manipulation by using Offset-list and route filtration by using Access-lists, Distribution list and Route Maps. Good understanding and hands on experience configuring AAA-authentication, authorization, accounting, SSH, Syslog, SNMP and NTP. Experience in configuration Voice over IP (VOIP) Expertise in configuring of MPLS, IP Multicast, VPN and Policy Based routing. Hands on Experience of BGP (EBGP, IBGP) and MPLS (LDP) protocols. Extensive experience in configuring and troubleshooting of routing protocols EIGRP, OSPF. Hands on in deployment of GRE tunneling, SSL, Site-Site IPSEC VPN and DMVPN. Worked extensively in Configuring, Monitoring and Troubleshooting Cisco's ASA 5500/PIX security appliance, Failover DMZ zoning & configuring VLANs/routing/NATing with the firewalls as per the design. Involved in troubleshooting network traffic and its diagnosis using tools like ping, traceroute, Wireshark and Linux operating system servers. Proficient in Configuring Virtual Local Area Networks (VLANs) using Cisco routers and multi-layer Switches and supporting STP, RSTP, PVST, RPVST along with trouble shooting of inter-VLAN routing and VLAN Trunking using 802.1Q. Experience with Project documentation tools & implementing and maintaining network monitoring systems and experience with developing network design documentation and presentations using VISIO. Excellent Verbal, written communication skills and Interpersonal skills with ability to work with large teams as well as

independently with minimum supervision & Team Player. Work Experience Network Administrator Zebra Technologies - Holtsville, NY August 2017 to Present AS part of network migration team, we started to build a two-new cloud enable datacenter. Major responsibility is to standup core network, migrate all current services from production and shutdown current datacenter. Installation & Upgradation of Checkpoint firewalls R70, R71, R75 in Open Server & appliances Responsibilities include software upgrade, license activation, configuring/installing new ASR router 1002, 1006, Nexus switch 9504, 9300, 3200, 2308, ASA 5585 SSP 40, 5585 SSP 20, 5585 SSP 10, F5-5050 and maintaining network documentation. Migration with both Checkpoint R77 and Cisco ASA to Palo Alto 7.0 using the Palo Alto Migration tool 3.0 Experience to troubleshoot and standup various service provider WAN Circuits. Responsible for enterprise routing, switching, VLANs, Spanning Tree, Trunking, EIGRP and BGP. Responsible for route path control via distribution list, ACL's, redistribution, and route-maps with BGP, and EBGp. Configure various BGP attributes such as Local Preference, AS prepend, Next-hop, Community, Extended community using route-map Configuring and Administration of Intrusion Prevention System (IPS) developing, maintaining and documentation, IPS backup and Intrusion Detection System (IDS) Fortinet & Checkpoint UTM. Configured and migrated DMVPN Tunnels from current environment. Working with Cisco, Juniper, F5, for opening TAC case and resolving issues to meet project deadlines. Hands on experience with Manage all migration issues and collaborate with Juniper TAC until issues. Provide connectivity of various network appliances like Voice router, voice gateway, ISE, Answerless controller, Riverbed steel head (WAN optimizer), Infoblox Experience to provide Network core device connectivity to Big switch, Garland Taps, and Big switch monitor for Network traffic monitoring. Configured Site Redundancy using EIGRP, IP SLA, and HSRP. Deployed network tools such as Cisco firepower, Fire eye, Cisco Fire Sight manager, Source Fire, Cisco Prime. Knowledge of Fiber, Ethernet Infrastructures using Fluke Network Testers Setup network monitoring and alerts for our network and server devices using SNMP, configure authentication using TACAS+ authentication and NTP setup. Experience working with design and deployment of MPLS Layer 3 VPNV4 (MP-BGP) cloud, Involving VRF, Route Distinguisher (RD), Route Target

(RT), Label Distribution Protocol (LDP), Super backbone, SHAM Link, MPLS PE-CE connection troubleshooting. Actively involved in Switching Technology Administration including creating and managing VLANs, Port security- 802.1x, Trunking 802.1Q, Inter-VLAN routing, ether channels and LAN security on Cisco Catalyst Switches 3800, 3900, 4507R+E, 6509-E Switching related tasks included configuring VTP, Inter-VLAN Routing, EtherChannel (LACP & PAgP) and RPVST+ for loop avoidance. Extensive knowledge working with Service Now ticketing system for incident and change management Network Engineer Affirmed - Acton, MA March 2016 to July 2017 As a part of LAN, WAN and WLAN architecture team, I was responsible for designing, managing, troubleshooting and configuring Layer 2 and Layer 3 network equipment such Cisco routers 7200, 3800, 3700, 2900 and Cisco Catalyst switch series 6500, 4500, 3500XL Responsible for service request tickets generated by the helpdesk in all phases such as troubleshooting, maintenance, configuration, upgrades, patches and fixes with all around technical support in complete LAN development Good knowledge in configuring and troubleshooting Exterior Gateway protocols such as BGPv4 including internal BGP (IBGP) and external BGP (EBGP) Worked on Route-Reflectors to troubleshoot BGP issues related to customer route prefixes also route filtering using Route-maps.

Managing Firewall products - Checkpoint Appliance 2200 Gateways, Provider-1 and VSX environment. (R77.10 and 77.20) and ASA environments. Hands-on experience with network switches from Juniper EX 4550, and Cisco 7609, Cisco ASR 9K. Hands-on experience with firewalls Juniper vSRX, SRX 240, 550, 650 5400, Fortinet. Configured EBGP for CE to PE route advertisement inside the office environment Experience working with design and deployment of MPLS Layer 3 VPNv4 (MP-BGP) cloud, Involving VRF, Route Distinguisher (RD), Route Target (RT), Label Distribution Protocol (LDP), Super backbone, SHAM Link, MPLS PE-CE connection troubleshooting. Actively involved in Switching Technology Administration including creating and managing VLANs, Port security- 802.1x, Trunking 802.1Q, Inter-VLAN routing, ether channels and LAN security on Cisco Catalyst Switches 3800, 3900, 4507R+E, 6509-E Switching related tasks included configuring VTP, Inter-VLAN Routing, EtherChannel (LACP & PAgP) and RPVST+ for loop avoidance. Implemented redundancy / Failover using HSRP Designed and implemented DMZ

for Web servers, Mail servers & FTP Servers using Cisco ASA5500 Firewalls. Configuring Static EIGRP, and OSPF Routing Protocols on Cisco 2600, 2800, 3600, 3800, 7300 series Routers Experience working with Nexus 9504, 7010, 5548, 5596, 2148, 2248 devices. Experience with configuring FCOE using Cisco nexus 5548 Experience configuring VPC, VDC and ISSU software upgrade in Nexus 9504 Worked with Cisco Nexus 2148 Fabric Extender and Nexus 9300 series to provide a Flexible Access Solution for datacenter access architecture. Configuring the Voice VLAN's (VOIP) and Prioritizing the voice traffic over the data traffic Performing network monitoring, providing analysis using various tools like Wireshark, Solar winds etc. Configuring F5 Load balancer LTMs and GTMs to isolate traffic from the web servers. Managed the F5 BIG-IP GTM/LTM appliances to include writing iRules, SSL offload and everyday task of creating WIP and VIPs. Responsible for managing activities, Upgrading IOS - Upgrading hardware and installing new devices including standardization for the topology. Mapped, Network Diagrams and physical identification in MS Visio. Be on call rotation and provide 24X7 support in that time and handle Office's branches during this timeframe if a network problem occurs. Worked with multiple customers over a period to enhance their network, resolve and do the RCA (root cause analysis) for in service production problems and create work around for known IOS issues. Performed load balancing and application level redundancy by deploying F5 BIG-IP LTM 6900. Configuring VLANs and implementing Inter VLAN routing. Hands-on experience with WAN (ATM/Frame Relay), Routers, Switches, TCP/IP, Routing Protocols (BGP/OSPF), and IP addressing. Layer 2 switching technology architecture, implementation and operations including L2 and L3 switching and related functionality. This includes the use of VLANS, STP, VTP and their functions as they relate to networking infrastructure requirements including internal and external treatment, configuration and security. Responsible for service request tickets generated by the helpdesk in all phases such as troubleshooting, maintenance, upgrades, patches and fixes with all around technical support Supporting EIGRP and BGP based PwC network by resolving level 2 &3 problems of internal teams Documentation of Managed customer database such as IP addresses, passwords, interfaces, network diagram. Responsible for network availability, network redundancy, bandwidth planning,

routing issues. Network Engineer Yujas InfoTech July 2013 to August 2015 A core member of networking team and provided end client system support. Key contributions include troubleshooting of complex LAN/WAN infrastructure that include routing protocols EIGRP, OSPF and BGP. Troubleshot complex routing and switching issues in a HSRP and GLBP environment. VLAN design and Implementation for new network requirements, including VLAN bridging and multi-port Trunks. Responsible for maintenance and utilization of VLANs, Spanning-tree, HSRP, VTP of the switched multilayer backbone with catalyst switches. Involved in configuring and troubleshooting Cisco/juniper firewalls. Experience on Configured workstations for IP based LAN's and Subnet mask with Cisco IOS Routers 2500, 3800, 2800, implemented protocols RIPv2, OSPF, HSRP, EIGR, BGP and experience with various Juniper COS and L2 Switches. Identify and remove security policies that are not needed to reduce checkpoint firewall policy lookup. Back up, Restore and upgrade of Checkpoint firewall appliance Configure and troubleshooting HA Cluster on Checkpoint Firewall. Implemented redundant Load balancing technique with Internet applications for switches and routers. Support Network Technicians as they require training & support for problem resolution including performing diagnostics, & configuring network devices. Configured and troubleshoot OSPF and EIGRP. Configured VLANS using VTP protocol and implemented redundancy using STP protocol in switched Network. Implementation of Policies & Rules on Checkpoint firewall Configured Access List (Standard, Extended, and Named) to allow users all over the company to access different applications and blocking others. Used Network Monitoring tool to manage, monitor and troubleshoot the network. Back up a Cisco IOS to a TFTP server and Upgraded and restored a Cisco IOS from TFTP server. Was responsible in IOS upgrade of CISCO switches and routers which are owned by our team. Configured Cisco IOS Feature Set, NAT and Simple Network Management Protocol (SNMP) for Network Security implementation. Received inbound calls of technical nature, independently resolved customer complaints, concerns and inquiries regarding their Internet connection. Skills BGP (4 years), CHECKPOINT (4 years), CISCO (4 years), EIGRP (4 years), FIREWALLS (4 years) Additional Information Technical Skills: Firewall: Cisco ASA 5520, 5540, 5585 Routing Protocols: OSPF,

EIGRP, BGP, ISIS, VRF, PBR, Cisco 2600, 3600, 3800, 7200, 7600, Meraki series[MX series],
Route Filtering, Redistribution, Summarization, Static Route Switches: Cisco 2960, 3750, 4500,
and 6500 and Nexus 2K/3K/5K/7K series, Meraki MS 250, Meraki MS 225 Network Security:
Cisco ASA, ACL, IPSEC, SSL, Ixia Breaking Point, Fortigate Firewalls (30D, 60D), ACL, checkpoint,
Meraki firewall 2.5 version Protocols: TCP/IP, IPSEC, IKE, SSL, SSH, UDP, DHCP, DNS.
Juniper Devices:-Juniper EX Series 2200, 2300, 3300, 2400, 4200, 4300, 4550, 4600, 8200, 9200
QFX Series 5100, 5200, 10000, ACX Series ACX 500, 1000, 1100, 2100, 2200. LAN: Ethernet,
Fast Ethernet, Gigabit Ethernet WAN: VPN, IPSEC-VPN, MPLS, ATM, Frame Relay
Redundancy protocol: HSRP, VRRP, GLBP, EBGp Network Management Tools: Wireshark, Net
flow Analyzer, SNMP, HP open view. Security Server Protocols: TACACS+, RADIUS. Load
Balancers: F5 Networks (BIG-IP) LTM 5050 Operating Systems: Windows Vista, Windows 7/8,
Linux

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