Senior Network Engineer Senior Network Engineer Senior Network Engineer - AT&T Las Vegas, NV

Over 6+ Years experienced Certified Network Engineer in design & implementation of Enterprise Networking configuration of Cisco Routers, Switches and Firewalls, troubleshooting fine-tuning of Firewalls, VPN configuration, troubleshooting network related problems in Enterprise Data Centre Networks   Experience with the escalation problems for Routing, Switching, and WAN connectivity issues using ticketing system remedy.   Worked on Cisco 7200, 3800, 3600, 2900, 2800, 2600, 1800 series Router and Cisco Catalyst 2900, 3500, 4500, 5500, 6500 series switches and Nexus 9K,7K&5K switches.   Experience of routing protocol like (ERGIP, OSPF, RIP, BGP, IGRP,) PPP, PPTP, L2TP, NAT, IPsec in Production Environment.   Experienced on configuring the Nexus 5K Aggregation Switch and Nexus 2k Fabric Extenders.   Developed VDC, VPC, VRF, and OTV on the Nexus 5K and 7k switches.   Expensively worked on Cisco Catalyst C6807XL, WS-C6509, WS-C6506, WS-C4506, and implemented VSS on them.   Good knowledge of CISCO NEXUS data centre infrastructure with 5000 and 7000 series switches includes (5548, 7010) including CISCO NEXUS Fabric Extender (2232, 2248).   Configured RACL (Router ACL), VACL (VLAN ACL), PACL (Port ACL).   Well experienced in configuring gateway redundancy protocols like HSRP, GLBP, and VRRP.   Access control server configuration for RADIUS & TACAS+.   In-depth expertise in the implementation of analysis, optimization, troubleshooting and documentation of LAN/WAN networking systems.   Experience in cisco: Physical cabling, IP addressing, Wide area Network Configuration (Frame-relay & MPLS), routing protocol configuration (RIP, EIGRP, OSPF, BGP). Experience in Azure Fabric Services.   Expertise in working with Cisco ASA and PIX firewalls with IPsec tunnels, zones, global protect mode, Zone based tunnels, IKE Crypto.   Proficient Hands on experience vendor platforms such as Cisco, Juniper routers and Switches, F5 load balancer, Checkpoint firewalls and Cisco ASA and PIX firewalls.   Experience on configuring protocols like VLANS, NAT, DHCP, and Routing for Cisco ASA firewalls as per design.   Experience in ASA Clustering for high availability and load sharing to ISP.   Sound knowledge of virtual firewalls like checkpoint VSX, IDS, IPS as well as encryption techniques.   Maintaining Corporate Firewalls by analysis of firewall logs and implementation of security firewall policies for the migration of

Datacentre.   Experience in Network LAN/WAN deployment and Experience with DNS/DFS/DHCP/WINS Standardizations and Implementations.   Extensive understanding of networking concepts, (IE. Configuration of networks, router configuration and wireless security, TCP/IP, VPN, Content Filtering, VLANs, and routing in LAN/WAN, Ethernet Port, Patch Panel and wireless networks.)   Configured Cisco routers and switches to hosts or servers Configured mail exchange servers, and other servers on Microsoft Outlook, and Mozilla Setup email on mobile phones and email exchange servers such as POP, POP3, IMAP, and SMTP. Authorized to work in the US for any employer Work Experience Senior Network Engineer AT&T September 2017 to Present   Designed, Implemented and troubleshooting of Cisco 2960, 3750, 3550, 3560, 6509-V-E, 6500/4500 series switches, GSR, ASR, routers with Cisco and IOS-XR and Nexus 5000/2000 series switches.   Working on installing, configuring and troubleshooting of Cisco routes (7600, 7500, 7200, 3800, 3600, 2800, 2600, 1800, 1700, 800).   Installing, Configuring and Administration of cisco routers and switches (mid and high end), Pix/ASA Firewalls, HP Switches, Juniper SRX/SSG Firewalls.   Cisco ISE installation/configuration, integration of WLAN controllers with cisco ISE. Experience with converting WAN routing from EIGRP/OSPF to BGP which also involved converting from point to point circuits to MPLS circuits.   Troubleshoot TCP/IP problems, troubleshoot connectivity issues.   Managed fast Layer 3 switched/routed LAN/WAN infrastructure as a part of Network team. The LAN consisted of Cisco campus model of Cisco 3550 switch at access layer, Cisco 6513/6509E switches at distribution/core.   SD-WAN is a transformational approach to simplify branch office networking and optimize application performance.   Routing Protocols, Networking Layer1, 2, 3 Switching concepts, LAN/WAN technologies, Wireless Networking, TCP/IP concepts.   User network radius authentication issues & modified endpoints using Aruba ClearPass Policy Manager.   Worked on Layer 2 protocol such as STP, VTP, RSTP and MST worked on other VLAN troubleshooting issues and configured switches from scratch and deployed them into network.

   Firewall technologies including configuration, risk analysis, security policies, rules creation, and modification on Cisco ASA/Juniper SRX command line & GUI.   Dealt with implementation of deployment related to Cisco ASA 5585 devices and Juniper SRX 550 devices to apply security

policies on it. Hands-on expertise with routers 2600, 2900, 3600, 3900, 7200, 7600, ASR-901, ASR-903, ASR 5500, ASR-9010 and Juniper ACX, E, M, MX960 series. Performed IOS Software upgrades on switches Cisco 6509, 4510, 3750 and Cisco ASR for compatibility with Cisco ISE. Create and test Cisco router and switching operations using OSPF routing protocol, ASA Firewalls, and MPLS switching for stable VPNs. Cisco CLI, Cisco works, Network Security, Network Analysis Tools. AAA implementation for network device management with TACACS+ and Radius server. Team member of Configuration of Cisco 7206 router with VPN and Configuration of Catalyst switches. Upgrading the IOS on 1900, 2900, 3500 series Cisco Catalyst switches and 2500, 2600, 3600 series Cisco routers using TFTP. Experience in configuring and troubleshooting WAN technologies like MPLS, T1, T3, DS3. Implementation of site- to site VPNs, and DMVPN over the internet. Configured SSL VPN to facilitate various employee's access internal servers and resources with access restriction. Firewall design and installation which includes application and URL filtering, Threat prevention, and Data Filtering. Configure VRRP & GLBP and VLAN Trunking 802.1Q & ISL, STP, Port Security on Catalyst 6500 switches. Good experience in Python scripting, wrote Python scripts to parse XML documents and load the data in database. Assisted clients with gathering information for managed devices of the Dell Secure Works iSensors, Fortinet Firewalls, Inspector, 3rd Party device (Cisco IDS/IPS, Cisco FW, Palo Alto. Clean-up work for F5 Load Balancer like unused pool, unbound VIP and unused Real server. Creating and provisioning Juniper SRX firewall policies. Network Engineer Well Care, FL December 2015 to July 2017 Experience with configuring Cisco 6500 VSS in distribution layer of the Data Centre Network. Configuration and Administration of Cisco and Juniper Routers and Switches. Experience working with Nexus 7010, 5548, 5596, 2148, 2248 devices. Replace branch hardware with new 3900 routers and 2960 switches. Experience with setting up MPLS Layer 3 VPN cloud in data centre and also working with BGP WAN towards customer. Field experienced with 3 major networking vendors: Cisco, Juniper and Huawei. Specifically experienced with NSX SD-WAN. Installing, Configuring and troubleshooting Cisco Routers (ASR1002X, 3945, 3845, 2800, 3600) and Switches to perform functions at the Access, Distribution, and Core layers. Installing, Maintaining and

Troubleshooting of Cisco ASR 1K, 7200, 3925E and 2951E Routers and Cisco 6500, 4510, 4500-X, 4948, 3560X, 3750X and 2960S Switches for deployment on production.   Installation and Configuration of Cisco Catalyst Switches 6500, 3750 & 3550 series and configured routing protocol OSPF, EIGRP, BGP with Access Control Lists Implemented as per Network Design Document and followed with change process as per IT policy.   Good experience in performing wireless site survey using Air Magnet Software. Working on Cisco 4400, 5500 series wireless controllers, Cisco 1130, 1140, 1200, 3702, 3602 and 2600 Series Access Point.   Experience in installing and configuring DNS, DHCP servers.   Good knowledge with technologies VPN, WLAN and multicast.   Convert Branch WAN links from TDM circuits to MPLS and to convert encryption from IPsec/GRE to Get VPN.   Handled Business Logics by Python programming to achieve optimal results.   Involved in L2/L3 Switching Technology Administration including creating and managing VLANs, Port security, Trunking, STP, Inter-VLAN routing, LAN security.   Strong hands-on experience on Cisco Catalyst (series 3850, 3560, 4500, 6500), Cisco Nexus (series 2K, 5K, 7K), Cisco Routers (series 7300, 4000, 3800, ASR 9000).   Enabled STP attack mitigation (BPDU Guard, Root Guard), using MD5 authentication for VTP, disabling all unused ports and putting them in unused VLAN and ensuring DHCP attack prevention where needed.   Experience with setting up MPLS Layer 3 VPN cloud in data centre and also working with BGP WAN towards customer. Junior Network Engineer Robek Software System October 2013 to September 2015   Managed office network with Cisco devices with network devices including 2500 and 3600 series routers and 3500, 2900, 1900 series switches.

   Responsible for the configuration of Cisco Routers (7000, 5300, 4000, 2500, 3000, 2600) using RIP, IGRP, OSPF, EIGRP, BGP   Analysed and resolved a high percentage of initial customer contact in the areas of PC/LAN.   Configured EIGRP and OSPF as interior gateway protocol with route filtering and route redistribution, installed and maintained Cisco 3600, 2600 and 7200 backbone routes with HSRP.   Engaged in office moves, helped in identifying network requirements of new building, installed new networking hardware, and coordinated with vendors for cabling/wiring.

    Configured, maintained and troubleshot routing protocols such as OSPF, EIGRP and BGP. Design, test, and implement global Next Generation MPLS network (150 sites) using Cisco 3800,

2800, 2600, and 1721 routers using BGP and EIGRP protocols. Implementing traffic policy changes with Cisco PIX Firewall appliance switch WAP configuration and installations. Configured Security policies including NAT, PAT, VPN, Route-maps and Access Control Lists. Implementation of TCP/IP and related Services-DHCP/ DNS/ WINS. Configured switches with port security and 802.1x for enhancing customers security. Upgraded Cisco Routers, Switches and Firewall (PIX) IOS using TFTP. Dealt with customer problems to management and support groups utilizing standard escalation model. Handled Network Migration from RIP to OSPF. Supported core network consisting of Cisco 7200 series routers running multi area OSPF. Hands-on experience with WAN technologies like T1/T3, DS3, STM1 and STM4 circuit types. System Administrator II* / Network Engineer Fidelity Information Services (Remote) February 2012 to September 2013 Worked extensively with Cisco 6500, 4500, Nexus 7000, 5000 series switches, cisco 2960s switches and cisco 3560/3750s switches. Responsible for Date Centre migration and its operation including the change from 6500 switches to nexus series switches, configured VPC/VDC on nexus 2k, 5k, and 7k. Implemented and Managed Cisco Nexus 7018, 7700 and Nexus 5596UP Switches configured with FEX 2248 extenders. Involved in switching Technology Administration including creating and managing VLAN'S, port security, Trucking, STP, Inter VLAN routing, LAN security etc. Installation and troubleshooting of firewalls Cisco ASA, and juniper firewalls. Experience with Cisco Firepower 9300 and 4120 Fire Sight. Supported the technologies like IWAN solutions, APIC-EM, prime Infrastructure. Deals with creating VIP pools, nodes and created custom iRules for the virtual server and redirection of URL on F5 ASM cookies issues and configures ASM polices. Complete implementation of Firepower Firewall protect threat from External attack. Unified Threat Management, Configuration of Remote VPN connectivity to remote location. Implemented various routing protocols such as BGP, EIGRP and OSPF on Cisco Router & Juniper MX routers also taking care of issues such as discontinues networks. Successfully implemented iWAN technology more than 1000+ site. Leads the team to consistently accomplish organizational and corporate goals, as measured by consistent adherence Service Level Agreement. Providing escalated Tier-2 and Tire-3 technical support on data, video network. Setup and create user accounts in Active

Directory. Installed and configured VMWARE Vcenter 6.1 Experience with Juniper switching/routing architecture with Aruba HPE wireless segmentation. Customer Advocate in an operation centre, supporting SD-WAN and all related service. Experience in configuring Virtual Local Area Network (VLAN), spanning tree protocol (STP), VLAN Trunking Protocol (VTP), Dynamic Trunking Protocol (DTP), Per VLAN spanning Tree (PVST) and 802.1x authentication in access layer switches. Installing network application on server, maintaining, tests, researches and resolving the problem. Maintain and troubleshooting Aruba network issues. Work in the incident team to solve emergency and high priority Network issues. Understanding customer network configuration and problems that they may be facing or answering technical inquiries about NSX SD WAN products. Preparing network diagrams and drawing to document and assist in communicating current operational status of networks. Configured various BGP attributes such as Local Preference, MED, Extended communities, Route-Reflector clusters, Route-maps and route policy implementation. Configured Cisco ASA 5555-X in HP Pair, migrated all the sites to sites VPN'S from Cisco routers, Palo Alto firewalls and Net Screen firewalls to Cisco ASA. Responsible for configuring site to site VPN's and Remote access ANYCONNECT services. Key responsibility of LAN and WAN maintenance and troubleshooting any network related problems. Developed existing Python module to deliver certain formats of data. Responsible for resolving service request tickets from the help desk which involved in providing complete technical support. Education CCNA California State University BS in Electrical Engineering in Electrical Engineering Faculty of Engineering tech Skills BGP (6 years), Cisco (6 years), EIGRP (6 years), LAN (6 years), OSPF (6 years)

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