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| **C:\Users\user\Pictures\umran.jpgChirag D**  **(609) 474-4941**  [**chirag.rd1@gmail.com**](mailto:chirag.rd1@gmail.com) |
| **Objective** |
| Network Security Engineering Professional with 8 years of experience in operating mission critical infrastructure, troubleshooting and management of large-scale Enterprise Networks. |
| **Certifications** |
| Cisco Certified Network Associate (CCNA – ROUTE&SWITCH) - Cisco ID: CSCO12970281  PaloAlto Accredited Configuration Engineer (ACE)  Checkpoint Certified Security Associate (CCSA) |
| **Education** |
| Bachelor’s in ELECTRONICS AND TELECOMMUNICAITONS ENGINEERING- University of Pune |
| **Core Technical Skills** |
| |  |  | | --- | --- | | Networking Skills | TCP/IP, RIPv1/v2, OSPF, EIGRP, BGP, VRRP, HSRP IPSEC, SSL | | Security | Palo Alto Firewalls PA-200, PA-500, PA-5020, PA-7050, Checkpoint R80, R77 (GAIA), R75, Checkpoint Provider-1, Cluster XL, VSX, Juniper SSL VPN, Juniper SRX Firewalls, Netscreen SSG & RSA Server, Cisco ASA 5520, 5540, 5585 with firepower, PIX 515, 525, FWSM, ASDM, CSM, Multiple Security Context, NAT (Static, Dynamic, PAT, Policy), IPS Sensor Configuration, Promiscuous and Inline Monitoring, VPN, Security Protocols including RADIUS and TACAS+, Sourcefire IPS | | Switching | Cat OS and IOS based Switches, VTP, STP, RSTP, Trunking, VLANs, Layer 3 Switches, Nexus 5k,7k series, VRF, Ether channels | | Other tools | F5 LTM and GTM, Bluecoat Proxy SG, Tufin, Firemon, Algosec, Splunk, Cisco works, Redhat Linux and VMware ESX/ESXi server, IT Services Management (ITSM), PCI & SOX compliance, and ITIL | |
| **Work Experience:** |
| **IRI, White Plains, NY**  **Sr Firewall Engineer Feb 2017 – Current**   * Configuring, Administering and troubleshooting the Checkpoint and ASA firewall. * Managing Checkpoint Multi-Domain manager (Provider-1), R77.30 Gaia, Checkpoint VSX clusters and cluster XL solutions. * Managing Cisco ASA 5540, 5580 and Firepower modules via CLI and Cisco Security Manager (CSM). * Maintaining virtual firewalls and creating new bongs for the checkpoint VSX cluster firewalls. * Responsible for installation, configuration of Checkpoint 12400, 12600, 21400 Appliances. * Performing creation and deletion user accounts and global group’s creation in global policy in Provider-1. * Participating on weekly diamond call with checkpoint associative to upgrade R77.30 to R80 Version in Lab. * Deployed Paloalto-500 series device to the both Lab and production environment, managed them via Panorama. * Worked on the migration of Cisco ASA firewalls to Palo Alto firewalls. * Performed code upgrades on the checkpoint R77.20 Gaia to R77.30 Gaia version and applied hotfixes as well. * Worked on IBM Qradar SIEM tool to monitor the traffic and analyze the traffic. * Creating ACLs as per user’s requirement to getting access for different servers like internal firewalls, dmz firewalls and   Internet firewalls and also worked on Splunk for troubleshooting.   * Worked on emergency changes as per user’s requirements and creating ACL’s in cisco ASA firewalls in cisco CSM   And checkpoint firewalls.   * Worked on Tufin Firewall optimization tool for firewall cleanup project by running reports and deleting unused rules. * Involved in migration of Cisco ASA and checkpoint firewalls to Paloalto firewalls. * Creating many ACL’s in both CISCO ASA 5540 and Checkpoint firewalls R75.40 and R77.30. * Configured Cisco ASA firewall to use multiple security levels and interfaces. * Managed Cisco firewalls from both the Command line, ASDM and Cisco CSM. * Configured and deployed VPC, OTV, FABRIC PATH between Nexus 7k and Nexus 5k, 5548 switches along with FEX2248 * Created documents for various platforms including Nexus 7k,5k ASR enabling successful deployment of new devices in the network * Performed code upgrade on Cisco ASA firewalls, also converted Legacy Cisco PIX to Cisco ASA firewalls with firepower. * Configured new vendor profile in Cisco ASA 5540 using Cisco any connect client for logging through VPN using two-factor authentication. * Advanced Knowledge in IPSEC VPN design connection and protocols, IPSEC tunnel configuration, encryption   and decryption protocols.   * Preparing design documentation using VISIO for ORB meeting. * Worked on TUFIN optimization tool to clean up firewall rule base and also monitored unauthorized changes. * Designed VLAN’s and set up both L2 and L3 logical to have it communicate to the Enterprise network   **Cigna - Windsor, CT**  **Network Support Engineer Feb 2016 – Jan 2017**   * Managing Juniper Firewall (SRX) configuration, VPN configuration, configuring NAT’s and Routing. * Hands on Experience working with LAN and WAN topologies, TCP/IP protocol, routers, switches, and firewalls in Internet, Intranet and Extranet environments. * Configuration, installation and troubleshooting of Juniper SRX 650s and SSG-550Ms * Extensive implementation of firewall rules on Juniper SRX 3600, SRX 650 and SRX 220 on a daily basis, using NSM as well as CLI when needed. * Configured and Deployed Nexus 5k and 7K switches as per client requirement. * Configuring Big-IP F5 LTMs (virtual servers, pools, SNATs, health monitors, irules) and GTM’s for managing the traffic   and tuning the load on the network servers.   * Configuration and Administration of Palo Alto Firewalls. * Migrated and implemented new ACL solutions with Cisco ASA Firewall series 5505, 5510, 5540 series. * Performed code upgrade on the Cisco and Juniper firewalls. * Upgrading multiple firewalls and Network devices under planned maintenance window. * Performed firewall migration from Juniper SSG to Juniper SRX firewalls. * Implement and troubleshoot Site to Site as well as Remote Access VPNs using Cisco ASA firewalls. * Configuring Virtual Chassis for Juniper Firewalls SRX-650. * Design and configuring of OSPF, BGP on Juniper Routers and SRX Firewalls. * Configuring IPSEC VPN on Juniper SRX 650 series firewalls. * Involved in Information Technology Service requests. * 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. * Configuration and set up of Juniper SRX firewalls for policy mgmt. and VPN's * Experience in implementing and troubleshooting highly available firewall cluster. * Working closely with problem owners, SMEs and other stakeholders to identify problem scope and escalate IT service outages to specialize engineering. Creating statistical reports and performing analysis on a weekly basis for areas of responsibility. * Configuration and Administration of Juniper SRX Firewalls. * Configuring VLAN, Spanning tree, VSTP, SNMP on Juniper EX series switches. * Attend weekly meeting with client to understand new requirements and implement them with change requests. * Create policies and procedures for the VMware servers for entire organization. * Strong ability to communicate clearly and appropriately with executive and management level business partners,   non-technical end users, technical subject matter experts and vendors.  **TCS, Minneapolis, MN**  **Security Engineer May 2013 –Jan 2016**   * Perform configuration changes on Checkpoint R77 Gaia and Palo Alto on a large scale environment. * Experience in risk analysis, security policy, rules creation and modification of Check Point Firewall Provider-1, R75.40   and R77 Gaia.   * Responsible for Palo Alto firewall management and operations across our global networks. * Responsible for installation, configuration, maintenance and administration of Palo Alto firewalls PA-7000(7050, 7060),   PA -5000, series (5060/5050/5020), PA-4000 (4060/4050/4020) and PA 500 and PA- 200 firewalls.   * Change and Incident Management using HP Service Manager. Schedule day to day firewall related changes and seek CAB approval if required for production impacting changes. * Migration of firewall rules from Cisco ASA, Checkpoint to Palo Alto firewalls using PAN migration tool * Administering and supporting Juniper SRX and SSG firewalls using cli, NSM and/or Junos Space. * Implemented Zone Based Firewalling and Security Rules on the Palo Alto Firewall. Executed changes on various Firewalls, proxies and scripts over entire network infrastructure using Service Now ticketing tool. * Integrating Panorama with Palo Alto Firewalls, managing multiple Palo Alto Firewall using Panorama. Provides updates and upgrades to the Palo Alto Firewall and Panorama devices. * Involved in code upgrade of Paloalto Panorama. * Design and implementation of multiple Cisco technologies. Cisco ISE, ISR/ASR Routers, Nexus/Catalyst Switches, Firepower, S2S, ASA Firewalls, VMware/vSphere, NX-OS and IOS XR. * Implementing the Access list on day to day basis as per customer's Develop and maintain standard operating procedures, processes and guidelines for firewall operations, support and maintenance. * Create and manage multi-national Checkpoint firewalls on a secure platform in a complex DMZ environment. * Configure and maintain IPSEC VPN, Proxy and SSL; included advance networking and TCP/IP. * Configured IPsec tunnels with Palo Alto to enable secure transport and cloud based/site-site VPN to both Azure and AWS. * Experience with designing and configuring secure Virtual Private Cloud (VPC) through private and public networks in AWS * Coordinate tickets associated with adding, moving or decommissioning of policy. * Implement and maintain firewall rule migration, URL filtering, DLP, and rules cleanup. * Working in Tufin secure change–firewall optimization tool to implement rules * Push firewall rules to live production environments during maintenance windows and open bridge conference call for testers to call in to test and troubleshoot. * Interact with users from a global enterprise client and evaluate access requests. * Investigate security incidents and recommend actions needed to resolve vulnerability issues. * Perform peer review of work plans for standard changes as requested. * Responsible for implement and configure managed Nexus switches. * Experience of technologies including: Nexus switches (2k, 5k, 7k, 9k), and A10 load balancers. * Perform internal / external vulnerability and Penetration tests to assess the level of exposure and risk to Tiffany. Reports are created and shared with Sr. Security Management. Utilize many open source as well a commercial tools, such as   Nmap, Nessus, Qualys, Metasploit, Qradar and other tools   * Manage third party connections using Cisco ASA Firewalls via CSM. * Worked on the migration of Legacy Cisco PIX firewalls to Cisco ASA firewalls. * Configure Bluecoat proxies using bluecoat director for content and URL filtering. * Key contributions include troubleshooting of complex LAN/WAN infrastructure that include routing protocols EIGRP,   BGP and OSPF.   * Convert Checkpoint VPN rules over to the Cisco ASA solution, Migration of Checkpoint to Cisco ASA firewalls. * Primary responsibility is to design and deploy various network security & High Availability products like Checkpoint NGX, VSX, Provider-1/MDM/MDS, Cisco ASA other security products. * Raised RMAs (Return Merchandize Authorization) to replace the problematic Checkpoint and new items were racked   and stacked in the data center   * Installed and configured of Cisco Routers (1700, 1800, 2500, 2600, 3200, 3600, 3700, 3800 and 7200, 7609) & Cisco   L2 & L3 Switches (2900, 3560, 4500 & 6500).   * Working on Configuring Management Interface IP, Creating Trust Zones, DMZ‘s, ACL, SSL on Juniper Netscreen ISG100. * Configured FWSM on cisco 7600 router to reduce costs and operational complexity while enabling organization to manage multiple firewalls from the same management platform. * Configured ASA 5520/5500to ensures high-end security on the network with ACLs and Firewall. * Experience with Firewall Administration, Rule Analysis and Rule Modification on cisco ASA 5540, 5585. * Implementation and configuration of F5 Big-IP LTM-6400 load balancers * Implemented, configured BGP WAN routing, converting OSPF routes to BGP (OSPF in local routing). * 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. * GRE tunneling & Site-to Site VPN configuration between other two sites in USA.   **GTL,** **Pune, India**  **Network Engineer Dec 2009 - Apr 2013**   * Designed and deployed networks as per the company's requirement. Handled different tasks such as network address assignment, assignment of routing protocols, etc. * Assisted in creating and upgrading network protocols in networks. * Implementation & trouble shooting of complex WAN, LAN, VLANS, and private VLANS. * Working on Routing, Switching, Firewalls, network configuring, troubleshooting & designing * Using 2800 series routers, 2950 catalyst switches, as well as Cisco ASA firewall. * Managing Cisco Layer 2, Layer 3 switches & Routers on the network. * Resolving routing and switching related real-time performance issues * Responsible for Internal and external accounts and, managing LAN/WAN and checking for SSL Security * Settings of the networking devices (Cisco IOS, Router, switches), coordinating with the system/Network administrator during any major changes and implementation. * Used tools Wireshark, Packet Sniffer and Microsoft Network Analyzer for monitoring Local Area Network connections (LAN's) and Wide Area Network Connections (WAN) for Network connection and failure issues. * Installation & configuration of Cisco VPN concentrator 3060 for VPN tunnel with Cisco VPN hardware. * Configured network access servers and routers for AAA Security (RADIUS/ TACACS+). * Other responsibilities included documentation and change control. * Responsible for configuring site to site VPN on Cisco Routers between Head Quarters and Branch locations. * Implemented the security architecture for highly complex transport and application architectures addressing well known vulnerabilities and using access control lists that would serve as their primary security on their Core & failover firewalls. * Experience with Infoblox technologies. * Hands on Experience working with security issue like applying ACL's, configuring NAT and VPN * Responsible for implementation and day to day operations of all associated hubs, routers, bridges, gateways and related equipment. * Experience with configuring BGP, OSPF on 7200 Cisco routers. * Maintained redundancy on Cisco 2500, 2600 and 3600 routers with HSRP. * Monitoring the network, troubleshooting network problems, implementing changes, communicating and working closely with vendors, customers, system administrators * Used various scanning and sniffing tools like Wire-shark. * Created load balancing policies using BGP attributes like Local Preference, AS-Path, MED, Community etc. |