## **Kiran**

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**Professional Summary**

* Network Security Engineer with 9 years of working experience in Network Infrastructure, Security which includes designing, deployment and providing network support, installation, and analysis for a broad range of LAN/ WAN protocols, routing, switching, Firewalls, WLAN, Application Delivery controllers.
* Extensive experience securing **AWS** cloud environments and hybrid environments and monitored using **CSM tools** like **Prisma Cloud** and remediate infrastructure misconfigurations.
* Worked on security devices such as **Firewalls, VPN Switches** and **Intrusion Detection Systems**.
* Well experienced in designing and implementation of **Cisco Viptela SDWAN Technologies.**
* Experience in configuring, designing, and troubleshooting routing protocols that includes OSPF, EIGRP, BGP and IS-IS, route redistribution, policy-based routing.
* Designing and implementation experience **on F5 BigIP Load balancers, Blue Coat Proxies and Riverbed WAN/MAN Optimizers.**
* Experience working with **Aruba and Cisco Wireless LAN controllers**, Configuring and Provisioning AP’s, Virtual AP’s, RTLS, Wireless SSID’s, remote and campus AP’s, upgrading WLC, worked in Active/Active local Controllers and Master controller. (Aruba 6000, 7200 controller, Aruba AP65, 70, 124, 85, 125) system.
* Experience in creating security zones and security policies on branch Juniper SRX 240 and SRX 100 firewalls.
* Experience in configuring HSRP, VRRP redundancy protocol. Configuration of DHCP, DNS in the LAN networks.
* Experience in design, Deploying & Troubleshooting **F5 Load Balancer Includes BIG-IP** modules that include **LTM, GTM, APM and ASM.**
* Experience working with network automation using **Python and Ansible.**
* Configuring rules and Maintaining Palo Alto Firewalls & Analysis of firewall logs using Panorama.
* Successfully installed **Palo Alto PA-3000/PA-5000 firewalls** to protect Data Center and provided L3 support for routers/switches/firewalls. Worked on SSL forward Proxy and SSL decryption on PA.
* Configured and maintained IPSEC and **SSL VPN's on Palo Alto Firewalls** and implemented Zone Based Firewall and Security Rules on the Palo Alto Firewall.
* Good experience in internet exchange points (IXPs) and transit networks.
* Responsible for supporting and **optimizing a large scale, complex, high-performance** network, across the global footprint.
* Independently researching and providing both business and technical solutions based on and related to customer needs and specifications and deploy them into the production infrastructure.
* Monitoring, testing, analyzing and evaluating the existing network environment and optimize it based on resiliency, technological advancements, and cost.
* Providing network engineering and design in support of enterprise network devices and services.
* Designing and providing support of Routers, Switches, Security Solutions, **VPNs, L4-7** Load Balancers, **SD-WAN** and Network Management Solutions across **LAN/WAN**.
* Driving quality into the metrics we report, including measurement of issues**, network capacity, vendor equipment/failures analysis, and network performance,** as well as a continual assessment of the quality and effectiveness of network monitoring and alerting.
* Providing lead support as an escalation for lower support groups.
* Providing guidance and direction to lower-level Engineers and engage external vendor support as required.
* Responsible for documenting **system maintenance, enhancements, and performance** for effective network operations and management.

**TECHNICAL SKILLS**

* + Windows, Linux, OS X
  + Shell Scripting
  + Oracle, SQL
  + Active Directory, SCCM, Group Policy Management
  + Windows Server Operating Systems
  + Office 365
  + Routers, Switches, Firewalls
  + Troubleshooting
  + DHCP, DNS, SSL, HTTP, RDP, VPN, SSH, MPLS
  + Amazon AWS
  + OSI, TCP/IP Suite, IPsec, IIS, Load Balancing
  + Routing Protocols, Switching Protocols.
  + Cisco IOS, VoIP
  + BGP, OSPF, MPLS
  + LAN, WAN, VLAN, NAT, ICE
  + Cisco, Palo Alto
  + Network Configuration
  + Cisco Switches, Routers & Firewalls
  + Splunk
  + Cisco Packet Tracer, GNS3

**WORK EXPERIENCE**

**Cardinal Health at Home April 2016 – Present**

**Twinsburg, OH**

* Maintain multi-vendor firewalls Palo Alto 3k, 5k and 5k series firewalls, Cisco ASA 5540, 5585 firewalls.
* Experience in preparing High level design (HLD) and Low-level design (LLD) using Microsoft Visio.
* Performing backups and upgrades from time to time on different type of firewalls mostly on Palo Alto, Cisco ASA firewalls and F5 Load balancers.
* Worked on troubleshooting and packet capture analysis on Palo Alto firewall and Cisco firewall.
* Performed firewall migration from Cisco ASA platforms to Palo Alto firewalls using Palo Alto conversion tool.
* Configured and maintained security policies on Fortinet firewall and manager/ Forti Analyzer.
* Cloud transit network : direct VPN/VNET peering hub/transit vpc interconnects multiple vpcs.
* Aviatrix transit network with palo alto vms network service to provide .
* Implemented firewall rules, policy packages, NAT rules and application-based URL filtering on Cisco Firewalls.
* Instrumental in the design, development, documentation and implementation of enterprise Business Continuity and Disaster Recovery Plans.
* Configuration of Gateway Redundancy protocol - HSRP for physical gateway redundancy.
* Configured and troubleshot access-lists, service policies, and NAT rules, network object groups, service object Groups on ASA 5585 and 5505 Firewalls.
* Provided application switching, traffic management, SSL web acceleration, TCP optimization and CLI support, utilizing Big Pipe and Shell (TMSH), F5 DOS and DDOS mitigation, API iControl, IPSec VPN, AAA, TACACS+, RADIUS, and application integration design support for Oracle Database and RAC Single Sign On Authentication.
* Creating and modifying rules, Monitoring and troubleshooting the traffic on PaloAlto-5020 firewall.
* 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) firewalls.
* Integrating Panorama with Palo Alto Firewalls, managing multiple Palo Alto Firewalls using Panorama. Provides updates and upgrades to the Palo Alto Firewall and Panorama devices.
* Implemented Zone Based Firewall and Security Rules on the Palo Alto Firewalls.
* Successfully installed Palo Alto PA-3060 firewalls to protect Data Center.
* Create, modify, and troubleshoot the issues of users on PIM tool which give remote access to the server and network devices.
* Designed new plan for network redundancy, created lab for proof of concept, then documented implementation steps.
* Designed solution to provide network access to a single IP network simultaneously at SunGard and the NJ data center to allow a per server migration to the new disaster recovery location.
* Design knowledge in various aspects of Network topologies, design of VPN network, routing protocols needed in the network, redundancy if any required such as Gateway redundancy or BGP Multi-homing based on customer requirement.
* Scripting in python for updating and configuring of devices and networks.
* Worked extensively on troubleshooting multiple issues and driving Incident calls to resolution by doing packet capture techniques and performing other troubleshooting scenarios.
* 24/7 call center technical support for field integration partners deploying Cisco and firewall network equipment.
* Reporting on malwares and phishing alerts to the clients.
* Experience with Malware Protection software and IDS/IPS tools.
* Develop and manage Role Based Access Controls, including role management, role mining, role remediation, and role re-certifications.
* Performed Network monitoring, hardware and software troubleshooting on workstations.
* Worked on DNS server for maintaining database servers and IP addressing.
* Responsible for the up-to-date Network health (wired and wireless) including Security, Performance and Reliability.
* Full responsibility for the implementation of LAN/WAN and support of IP routing.
* Documented procedures, issues and resolutions in SharePoint.

**Systems and Network Administrator January 2015 – March 2016**

**Silicon Valley University**

* Installed and Maintained desktops, laptops and workstations for 3000 students and 200 faculty members.
* Utilized Group Policy Objects (GPOs) to manage AD Organizational Units (OUs), objects, groups, users and computers.
* Deployed new and updated existing Active Directory GPO configurations.
* Applied patches & upgrades to Windows & Linux OS, upgraded administrative tools & utilities as per requirements.
* Technical responsibilities include administration, maintenance, configuration, troubleshoot, update, backups and support for various mission critical technologies within LAN/WAN infrastructure utilizing Cisco SG300-28P, Dell PowerEdge R210II, Dell PowerEdge R310, Dell Power Vault NX300, Cat6 cabling, Fiber cabling.
* Escalation support activities included 2nd/3rd level support for various LAN/WAN issues for edge VoIP, and customer premise equipment across the multiple sites to investigate, troubleshoot, reconfigure and resolve issue in a timely manner, and as needed technical support and training of new technical staff and students.
* Managed multiple forest, parent / child domain Active Directory, DNS and DHCP configurations.
* Configured, troubleshoot, and upgraded Checkpoint Firewalls for Manage clients, which included network and/or resource access, software, or hardware problems.
* Helped in tuning performance and ensured high availability of infrastructure.
* Collaborated with software developers to isolate software bugs and develop patches or fixes.
* Maintained and Administered licenses, Shared Drives and Virtual Desktop environment for Russ College of Engineering using VMware Horizon.
* Used routing table and firewall logs to troubleshoot, TCP dump to track firewall real-time data.
* Built and Deployed workstations through System Center Configuration Manager (SCCM).
* Performed Network monitoring and troubleshooting.

**ECIL, INDIA Dec 2013 – Dec 2014**

**Role: Network Administration**

**Responsibility:**

* Setting up, managing local and wide area networks LAN, WAN to maximum network uptime.
* Handling networking and database administration with technical expertise in the implementation, operations and support functions using IT and Tool.
* Monitoring network maintenance activities and ensuring prompt troubleshooting of network problem, to achieve maximum network uptime.
* Managing IP allocation and ensuring minimal downtime of machines, configuring serves for fault tolerance with user security and disk space management to optimize the server utilization.
* Handled mail server for creating day to day task mail server operations, creating and deleting mail, taking back ups, restoring backups, using application managing disabling, unwanted mail boxes, size of mail boxes attending for mail complaints.
* Antivirus server management verifying and updating of antivirus when server log are full copying/ deleting log files.
* Proxy server management log size verification server status like squid proxy server.
* IMSS inter scan messaging security suite gateway of antivirus server for controlling spam virus, unwanted mails blocking.
* Analyzed network environments and identified potential hardware and software enhancements to improve network performance.
* Manage operations and configuration of network infrastructure including routers, switches and WAP.
* Identify technical solutions to improve availability throughout and utilization in support of over 500 plus devices for 350 users. Environment: Windows XP, Windows 7, Linux, MySQL, oracle. Education: Bachelor degree in Information Technology from HITAM in 2013 Masters in Computer Science from Silicon Valley University in 2016 Certification: Red Hat Certification EX200 and EX300 The main goal of the project is to explore the functionalities of Apache Hive and retrieving the required output from the data, exploring data warehousing facilities and SQL like interface, creating tables and storing the data in it, Mapping of existing HBase tables to Hive and operate on them.
* This project is carried out using Apache HIVE environment, HiveQL, Hadoop.
* Environment: Windows XP, Windows 7, Linux, MySQL, oracle.

**Education:** Bachelor degree in Information Technology from HITAM in 2013 Masters in Computer Science from Silicon Valley University in 2016

**Certification:** Red Hat Certification EX200 and EX300