**Vinay Kumar (Network Security Engineer)**

[vinaycp17@gmail.com](mailto:vinaycp17@gmail.com)

628-225-2765

**Availability - Immediate**

**SUMMARY**

* **5 Years of extensive hands on experience in Network and Security engineering and Network Infrastructure.**
* **Strong understanding and experience of Firewall on various platforms.**
* **Configuration, troubleshooting CheckPointFirewall using R77.**
* **Hands on experience in Implementation, Troubleshooting &configuring for CheckPoint R77. 40 with GAiA and SPLAT**
* **Proficient at establishing User Tunnels in Nortel VPN Routers, implementing network security protocols, installing and supporting backup strategies, and planning/executing disaster recovery solutions.**
* **Advanced knowledge in Cisco ASA 5000 series and PIX installation, configuration and maintenance, configuration and installation of IOS security features and IPS, security risk analysis, vulnerability/patching, attack mitigation & penetration tests based on LPT methodology.**
* **Experienced with Cisco routers and switches, andexcellent knowledge of IP sub netting and routing protocols such asRIP, OSPF, BGP, Cisco WLAN Controllers and Cisco Prime.**
* **Experience with controlling cloud based traffic such as AWS based on application Identity and applying appropriate threat management policies.**
* **Experience with supporting security frameworks using security appliances from multiple vendors.**
* **Experience with Juniper Enterprise Equipment, Juniper Routers, M-Series, MX-Series, and Juniper EX-Series Switch.**
* **Knowledge of Server Maintenance, including establishing Security Protocols, Configuring Network, and Troubleshooting Problems.**
* **Good understanding of security infrastructure including Antivirus, Encryption, DLP, SIM, IDS and IPS.**
* **Experience with installation and configuration of security equipment from multiple vendors (CheckPoint, Palo Alto, Cisco ASA, Juniper).**
* Using Smart Update, User Identity Management and Authentication in **CheckPointFirewall**.
* Experience with F5 load balancer, administration, management and upgrades to support 24x7operations. Operations.
* Working experience with Load Balancers F5 LTM like 3900, 6900, 4200V over various environments
* Experience in Configuring, maintaining and troubleshooting IPS and IPS1 in **CheckPoint**.
* Worked extensively in Configuring, Monitoring and Troubleshooting Cisco's ASA 5500/PIX **security** appliance, Failover DMZ zoning & configuring VLANs/routing/NAT with the **firewall**s as per the design.
* Configure all Palo Alto Networks Firewall models (PA-2k, PA-3k, PA-5k etc.) as well as a centralized management system (Panorama) to manage large scale Firewall deployments.
* On daily basis worked with Juniper SRX 650 and Palo Alto 5050 Firewalls
* Using Smart Update, User Management and Authentication in **CheckPointFirewall**.
* Configure and troubleshoot Remote access and site to site-in **CheckPoint**& ASA **firewall**s.
* Implemented Positive Enforcement Model with the help of **Palo Alto** Networks
* Configuration of **Palo AltoFirewall** PA-5k and CMS.
* Experience with VM-Series Palo Alto Firewall bundles.
* Experience with network **security** design implementation Assessment, evaluation, design, and implementation of solutions.
* Experience in User administration, Identity awareness and authorization packages.
* Experience with Handling Security incident response effectively (Service-Now)and correction management and reporting the same with the higher authorities.

**TECHNICAL SKILLS**

**Firewall**: **CheckPoint** GAIA, **Palo Alto**, CISCO ASA/PIX, Juniper

Monitoring Tools: Wire shark, TCP dump, Fiddler, Microsoft Network Monitor, Solar Winds, and Cisco Works, IT360, Splunk.

Protocols & Standards: NAT, VTP, STP, VRRP, Ethernet, Token Ring, VLAN, FDDI, L2/L3/L4/L7 Switching

TCP/IP Protocol Suite, UDP, SNMP, SEP, NTP, IPv4, IPv6, ARP, WCCP, EIGRP, OSPF, BGP, ISIS, RIP v2,

MST, DHCP, RADIUS, TACACS, Active Directory, HSRP, MPLS, VoIP, SSL, VPN, HTTP, HTTPS, FTP, IGMP,POP3, SMTP

Load Balancing Protocols HSRP, GLBP, VRRP and ArcSight ESM

IP Services Management NAT, DHCP

LAN technologies Ethernet, Fast Ethernet, Gigabit Ethernet, & 10 Gigabit Ethernet, Wifi, FDDI, Token Rings

WAN technologies Frame Relay, ISDN, ATM, MPLS, leased lines & exposure to PPP, DS1, DS3, OC3, T1 / T3 & SONET

URL Filtration: Websense, Bluecoat, ACL

Microsoft Software: Microsoft Office, Visio.

Routers: Cisco 2600, 3600, 3800, 7200, 7600, ASR 9001, Juniper SRX series.

Switches: Cisco 2960, 3750, 4500, and 6500, Nexus 2K/3K/5K/7K series and Juniper EX series.

**Molina Healthcare Long Beach, California (July 2016 to present)**

**Network Security Administrator**

**About:- Molina Healthcare entered the**[**Medicare**](https://en.wikipedia.org/wiki/Medicare_(United_States))**market in 2006. The company currently offers Medicare health plan options in eleven states: California, Florida, Illinois, Michigan, New Mexico, Ohio, South Carolina, Texas, Utah, Washington, and Wisconsin.**

**Responsibilites:-**

* **Installation of Palo Alto (Application and URL filtering, Threat Prevention, Data Filtering)**
* **Successfully installed arc PA-3060 firewalls to protects Data Center**
* **Implemented Positive Enforcement Model with the help of Palo Alto Networks**
* **Exposure to wild fire feature of Palo Alto Firewalls**
* **Conducting security and system analyses to detect vulnerability using the vulnerability scanner (Qualis) and update the security policies as required.**
* **Assisting in Security Design optimization and assessment.**
* **Reviewing the configuration of the firewalls and suggesting the changes for the optimal performance.**
* **Configuring rules and Maintaining Palo AltoFirewalls & Analysis of firewall logs**
* **Manage Traffic with Backup servers with cloud base services such as Amazon Web Services (AWS).**
* **Building and support network infrastructure in public cloud: AWS.**
* **Provide security to the backup servers using Palo Alto Firewalls.**
* **Implementation configuration and troubleshooting of CheckPointfirewall R 77**
* **Configuring VPN, clustering and ISP redundancy in CheckPointfirewall**
* **Responsible for installation, troubleshooting of CheckPointfirewall and LAN/WAN protocols**
* **Worked on software blades of CheckPointfirewall.**
* **Experience with convert CheckpointVPN rules over to the Cisco ASA solution and worked on RSA secure IDs to providing VPN Token to Company USERS. Migration with Cisco ASA VPN experience.**
* **Experience with migration of Cisco ASA to Palo Alto and Checkpoint firewalls.**
* **Provide technical support in the configuration of Cisco and Juniper routers and switches to include: Cisco Enterprise Equipment, Cisco Routers, Cisco Catalyst Switches, Juniper Enterprise Equipment, Juniper Routers, M-Series, MX-Series, and Juniper EX-Series Switches.**
* Provided administration and support on Bluecoat Proxy for content filtering and internet access to head quarter, remote site offices and VPN client users.
* **Prepared technical documentation of configurations, processes, procedures, systems and locations**
* **Working with different teams to gather info for the new request and troubleshoot for any connectivity issues by capturing traffic using TCPDUMP and smart view tracker.**
* **Network Hardware Cisco routers, Cisco firewalls, Cisco switches, Cisco IPS, Cisco wireless.**
* **Configuring and troubleshooting site-to-site IPSEC VPN tunnels on cisco routers for third party connectivity.**
* **Configure and support F5 and A10 load balancers, and plan, implement and maintain enterprise security environments comprising of perimeter security, VPN's, virtualization, authentication controls, and other features**
* **Effectively monitoring the trend changes in the security and thoroughly investigating the route cause and appropriate correction management system.**
* **Effectively managing the POAM and maintaining it by preparing reports frequently.**
* **Handling the entire project related Servers, storage and other main frames.**

**Verizon, Los Angeles, California (Dec. 2014 – June 2016)**

**Network Security Engineer**

**About:- Verizon is a global leader delivering innovative communications and technology solutions that improve the way our customers live, work and play.**

**Responsibilites:-**

* **Complete renaming of all firewall objects and rules.**
* **Review and optimize firewall rules using Secure Track TuFin tool and firewall audit reports**
* **Daily responsibilities included design, implementation, support and administration of multiple security products running CheckPoint and Source Fire.**
* **Provide best practice security consulting for multiple compliance initiatives, with a focus on highly resilient solutions**
* **Primary responsibility for the Core Security of the Network. Managing the entire Network Security Products deployed in the network such as CheckPoint (GAIA R75.40/77.20), Cisco ASA (5510/5520/5550)**
* **Work on CheckPoint Platform including Provider Smart Domain Manager**
* **Worked on configuring, managing and supporting CheckPoint Gateways**
* **Creating technical implementation plans, project plans, and worked closely with internal and external customers to supply solutions that fulfill their needs**
* **Regularly performed firewall audits around CheckPointFirewall-1 solutions for customers**
* **Strong knowledge and understanding with IPsec, Remote Access VPN, and SourceFire intrusion prevention systems.**
* **Troubleshoot and hands on experience on security related issues on Cisco ASA/PIX, CheckPoint and Palo AltoFirewalls**
* **Manage LAN, WAN, SD - WAN and BlueCoat proxy servers.**

**New Rising Technologies, India (Feb 2012 – May 2014)**

**Network Support Engineer**

**Responsibilities:**

* **Provided technical support on hardware and software related issues to remote production sites.**
* **Involved in effective communication with vendors, peers and clients in resolution of problems, equipment.**
* **Provided hardware and software support to corporate users and IT staff**
* **Performed the tasks of developing and maintaining procedures for backup and recovery, virus scanning and access control (ACL).**
* **Figure and manage printers, copiers, and other miscellaneous network equipment.**
* **Provided desktop support including creating images specific to client requirements and deal with issues pertaining to hardware and application.**
* **Participate in on-call responsibilities in support of a seamless production environment.**
* **Performed routine network maintenance checks as well as Responsible for gathering and compiling data for special projects as well as prepare weekly status reports.**
* **Responsibilities included configuration and installation of software and hardware.**
* **Handled the tasks of documenting network problems and resolutions for future reference.**
* **Performed the installation, configuration and testing of LAN/WAN devices.**

**CERTIFICATIONS**

* **Palo Alto ACE**
* **CCNA**

----------------------------------------------------------------------------------------------------------------------------