**Work Authorization**

H4 EAD

+1 512-768-9090

Mike@stecksystems.com

**Vishnupriya**

Network Security Engineer

ABOUT ME

A highly motivated, detail-oriented Information Security professional with over 8 years of experience in leading organizations. I have an impressive and successful track record as a security engineer. My area of expertise includes providing network solutions, device implementation, hardware upgrades, configuration changes, troubleshooting & performance tuning of LAN/WAN infrastructure Firewalls, Proxies, Email gateway and IPS. I have added expertise in security vulnerability management, risk assessments and solution recommendations.

EXPERIENCE

**Network Security Project Engineer**

WellCare | May 2022 – Present

## Key Responsibilities

* Implemented Security devices for an expanding health care providers Network Infrastructure.
* Worked with the architect on the project requirement gathering, planning and implemented the proposed infrastructure.
* Palo Alto and Firepower Management Center Firewalls were deployed along with all the UTM features enabled.
* Configured SSL VPN (Global Protect) and multiple S2S VPN’s with the partnered Client.
* Conducted Successful DR drill post stabilizing the new infrastructure.

|  |  |
| --- | --- |
| **CERTIFICATION** |  |

**Check Point Certified Admin (CCSA)**

**Firewall: Troubleshooting (EDU-330)**



**EDUCATION**

* **M TECH (IT)**

Vellore Institute of Technology (2018)

* **Bachelor Of Computer Science**

Bharathiar University (2014)

* Serving as the first point of contact/escalation for the upgraded security solution.
* Identified opportunities and made recommendations to improve availability, reliability, efficiency, performance and overall service.
* Prepared clear documentation of the new changes in the network security solution
* Shared my expertise across the team and conducted knowledge sharing sessions.

**Senior Network Security Engineer**

Telstra | September 2020 – March 2022

## Key Responsibilities

* Manage the security infrastructure of more than 60 Client’s information technology (IT) systems.
* Worked on automating policy addition to ASA Firewall.
* Operational support of Cisco ASA, Cisco ACI, Firepower, Juniper SRX, Palo Alto and Prisma cloud. Reviewed firewall requests, sanitize requests to company standards and implement.
* Worked on NG-Firewall, WAF, IPS, Proxy, VPN, Certificates and other security application.
* Create, Manage and troubleshoot IP address spaces in F5 load balancer.
* Ensure Load balancing configuration and certificates are timely backed up.
* Implement changes to support the remediation or burn down of alerts in PCE. Writing RQL queries to implement new policies to check for resource drift.
* Responsible for proactive network operation, reduction of business disruption and work towards improving the quality and effectiveness of the client services.
* Performing tasks like configuring the firewalls, setting up virtual private networks, configuring application filters, Tuning Anti-Virus and Spyware based on the end users requirement.

**SKILLS**

**FIREWALL**

* Palo Alto
* Checkpoint
* ForitGate
* ASA
* Firepower Management Center
* Juniper SRX
* F5

**SWITCH**

* Cisco

**ROUTER**

* Cisco

**ELEMENT MANAGER**

* Panorama
* FMC & CSM
* Forti Manager
* Juno Space
* Checkpoint MDS

**CLOUD**

* Prisma

**PROXY**

* Websense
* McAfee

**MAIL GATEWAY**

* Barracuda
* Symantec
* Dynamic Routing protocol

(BGP, OSPF, EIGRP)

* VPN (Remote Access & S2S)
* Algosec
* Forti Analyzer
* NAT
* IPS / IDS
* Linux/Unix
* Implementing Changes with respect to security architectural level requirements.
* Processes vulnerability and threat data from a variety of sources to provide actionable intelligence to internal consumers; implement counter measures and maintain and enhance the defenses for the information systems and resources.
* Processes vulnerability and threat data from a variety of sources to provide actionable intelligence to internal consumers; implement counter measures and maintain and enhance the defenses for the information systems and resources.
* ASA Firewall optimization - rules consolidation/fine-tuning & periodic firewall rule base review using Algosec.
* Perform security audits, reviews and identify security gaps in firewall configuration. Create and maintain operational process and technical documentation.
* Identify security risks and notify the customers and support.

**Senior Network Engineer**

CGI | June 2019 – September 2020

## Key Responsibilities

* Configure Firepower Management Center and IPS feature on Cisco ASA, FortiGate and Checkpoint.
* Work with minimal supervision and be responsible for independently making a broad range of critical resolutions.
* Perform security assessments and risk assessments to identify vulnerabilities and threats in the organization's infrastructure.
* Solution architect and engineering requests for security engineering and solution architecting. Ensures that information security deployments are properly architected, implemented, and have defined operational support.
* Collaborate across teams to reduce vulnerabilities, risks and incident management; Drive execution of solution delivery; Guide teams in strategy, alignment, analysis and execution to ensure
* SIEM
* ITIL
* ISO Standards
* Service Now
* Remedy

Priorities objectives/deliverable are met; Provide leadership, mentoring and coaching to direct reports.

* Integrated Cisco IPS devices with Firepower Management Center using domains.
* Diagnose security issues quickly, and perform effective triage.
* Planned on implementation, worked on Log analysis and moved the devices into blocking mode with zero Business impact.
* Administering and managing F5 load balancer in the enterprise environment.
* Leads a team of 4 members with respect to technical and resource management.

**Senior Security Implementation Engineer** WIPRO (India) | July 2014 – June 2019

## Key Responsibilities

Senior project engineer:

Backbone Security Implementation (1.7 Yrs.)

* Configure and maintain Firewall UTM features which include Firewall, Application, VPN, Anti-Spam, Anti-Virus and Spyware, Threat detection / IPS.
* Configure Application Filters based on the client requirements.
* Implement and maintain IT security solutions to ensure robustness and resilience of organization’s security postures.
* Carry out monitoring of systems from security anomalies and detection of breaches.
* Perform IT security audits and risk assessment’s as well as implement risk mitigation measures.
* Handle all aspects of incident response and implement vulnerability mitigation measures at the time of new implementation.
* Implementation of security appliance. Building Check point, Palo Alto, ASA and FortiGate Firewall.
* Building telecommunication setup in Palo Alto firewall and Mobile access VPN in Checkpoint.
* Implementing Firewall Cluster, high Availability in an Enterprise environment.
* Implement audit recommendations for the network environment.
* Redesign LAN and WAN setup.
* Planning and preparation for entire migration both LAN and WAN.
* Successfully Implement New network design
* Expertly managed enterprise technology projects from concept through implementation, with full accountability for timelines, milestones, and risk assessment.

Network Security Operations L2:

Global Security Operations center (3.4 Yrs.)

* Providing technical support for multiple customers.
* Act as a core member of the Incident Response Team, triaging, responding to and reporting incidents and associated metrics.
* Administer and maintain security products (phishing, vulnerability management, web application firewall, SIEM, IDS, (h) IPS, EDR, etc.).
* Work closely with the multiple operation teams to implement and enforce the policy.
* Handled first point of escalation and end-to-end support for Banking and health care customers.
* Mentored a team of 5 junior engineers on day-to-day activities.
* Configure and Troubleshoot VPN technologies like S2S, RA VPN /Telecommunication.
* Configuring and troubleshooting application Policies.
* Configure and maintain Checkpoint, Cisco ASA, FortiGate, Palo Alto firewall. Maintain switches such as 3550, 4500 and 6500 on Cisco ACI.
* Experience on authentication devices like ACS and RADIUS server.
* Implement and troubleshoot proxy server and Mail gateway.
* Analyzing email threats from the mail header or the email content and adding policy restrictions on the Email Gateway to detect and block.
* Handled Major Incidents on Email flood and resolved by managing the queue.
* Standardize network documentation.
* Root cause analysis summary report for all incidents and problems.
* Have worked with customer Auditing team for security compliance.