Amarpreet Singh

Network & Cloud Security Engineer

Contact

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Skills

Cloud: AWS, Azure

Firewall: Check Point, FortiGate, F5 LTM, Barracuda NGFW

WAF: F5 ASM, Barracuda WAF/WaaS, FortiWeb/WaaS

Endpoint: Checkpoint Sandblast Agent, Sophos Endpoint Variants, CoSoSys Endpoint protector (Basics)

Email Security Solution:
Sophos Email Security, Barracuda Email Security (Basics)

Hobbies: Football, Reading Swimming, Sketching

Languages: English, Punjabi, Hindi

Network & Cloud Security Engineer with 1.7+ years of experience in developing robust deployment models and supporting the customer's requirements for high-volume businesses. Proficient in variety of firewalls and WAF. Also, widgets in both AWS and Microsoft Azure. Skilled in native Cloud services for both AWS and Azure. Skilled in team collaboration while working independently in remote environments.

Work History

2019-06 – 2020-10

Network & Cloud Security Engineer
Progressive Infotech Private Limited (www.progressive.in)

- Experience working with AWS, Azure, VPC/V-net Configuration, NAT, Transit Gateway, Load Balancing, Monitoring, support.
- Monitored and maintained current network infrastructure.
- Design and maintain High Availability, Cluster HA, Auto-scaling model for cloud hosted services.
- Worked for developing Security Remediations for CMP (Cloud management Platform) for both AWS and Azure cloud providers including APIs - Centilytics.
- Deployed and managed Checkpoint firewall for both AWS and Azure in various deployments modes like Single-standalone model, Active-Passive which offers high availability in case of failure, Active-Active which offers load distribution and high availability, Autoscaling Mode which provides varying load handling capability.
- Developed the solution of PAAS security with Checkpoint firewall in Azure cloud which dealt in securing App services in Azure.
  (*https://community.checkpoint.com/t5/Cloud-Network-Security-IaaS/CheckPoint-CloudGuard-PaaS-Solution-for-Azure-App-Services/m-p/99591#M2192*)
- Worked over creating iRules in F5 (Used in production).
- Deployed and managed Sophos endpoint variants and Sophos email security.
- Have knowledge on deploying and managing Dome9, CloudBot (Automation), Log.ic.
- Experience on some Cloud native services.
- Worked with Fortinet firewall for both AWS and Azure in various deployments modes like Single-standalone model, Active-Passive which offers high availability in case of failure, Active-Active which offers load distribution and high availability, Autoscaling/VMSS.

Projects

- Managing the Barracuda WAF for Pidilite Industries in their multi-Vnet Azure Architecture.
- Managing Fortinet Firewall in Rattan India Power
- Deployment and Managing the Checkpoint Cloudguard IaaS in HA in Auto-scaling in Indialends.
- Deployment the Fortinet VM in Hub-Spoke Architecture in Multi-AZ for PayU payments Ltd.
- Deployment of F5 Local Traffic Manager, and Application Security Manager (WAF) in GHFL AWS Environment.
- POC of Checkpoint Dome9 for RBL Bank Ltd.
- POC of Checkpoint Dome9 for Indialends.
- POC of Fortinet VM for Eureka Forbes.
- Deployment and Managing the Sophos endpoint agent and Sophos email security for progressive infotech.
- Deployment of FortiGate Firewall for Bizmatics

- Provide daily monitoring, management, troubleshooting, one-time implementations, PoCs and issue resolution to systems and services hosted on cloud resources.
- Worked on F5 Product which includes LTM, ASM, in various modes like single-standby, Active-Passive, Active-active.

Education

2015-08 - 2019-05	**Bachelor of Technology: Electronics and Communication Engineering** Guru Gobind Singh Indraprastha University (GGSIPU) – Dwarka, New Delhi Scored: 74.66%,
2014-01 - 2015-01	**Central Board of Secondary Education: Computer Science** Modern International School – Dwarka, New Delhi Scored: 74.54
2012-01 - 2013-01	**Central Board of Secondary Education: CBSE** *Army School R.K Puram - Secunderabad* Central Board of Secondary Education – 8.4 CGPA

Certifications

- Azure AZ-303, Azure Certified Architect Technologies
- Check Point Certified CloudGuard IaaS
- Check Point Sales Certification
- Check Point Certified Sandblast Mobile Sales Certification
- Check Point Dome9 certified
- Sophos Certified Central Endpoint and Server v1.0 – Technician
- Sophos Certified Engineer
- Fortinet NSE 1, NSE 2, NSE 3.
- Big-IP - F5 Sales Accreditation – Sales Role Certified.
- Big-IP - F5 Sales Accreditation – Technical role Certified

Accomplishments

- Received NCC Certificate type A
- Attended the CATC, ATC and IGC camps of the NCC
- Won Bronze Medal in athletics Competition, GTBIT (GGSIPU)