

S Mahidhar

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Summary

Network & Security Engineer with 3.5 years of experience at Tata Consultancy Services (TCS), specializing in firewall administration, load balancing, VPN technologies, SSL certificate management, network monitoring, and enterprise network security. Experienced in Palo Alto and Check Point firewalls, F5 BIG-IP LTM, Cisco ISE, DataMiner monitoring, KeyManager certificate lifecycle management, vulnerability assessments, and high-availability environments.

Technical Skills

- **Firewall & Security:** Palo Alto, Check Point, SmartConsole, Security Management Server (SMS), Gaia OS, F5 BIG-IP LTM, Ivanti Pulse Secure, Cisco ISE, SSL Certificates, Vulnerability Assessment, Device Hardening
- **Networking:** TCP/IP, VLAN, Routing & Switching, OSPF, EIGRP, DNS, DHCP, VPN, MPLS, IPAM
- **Protocols:** IPSec, SSL/TLS
- **Monitoring Tools:** DataMiner, Grafana, NetFlow, SNMP, Cisco Meraki, IPAM
- **Certificate Management:** KeyManager

Experience

Tata Consultancy Services (TCS) – Client:Tata Play

Network and Security Engineer

May 2022 – Present
Bengaluru, India

- Implemented and maintained security policies on Check Point and Palo Alto firewalls to enforce access control and strengthen network security.
- Managed F5 BIG-IP LTM environments including Virtual Server (VIP) creation, Pool configuration, Health Monitor setup, SSL certificate installation, renewals, and hotfix upgrades.
- Monitored network, application, and infrastructure alerts using DataMiner and coordinated incident response activities to ensure service availability.
- Managed SSL certificate requests, renewals, deployments, and lifecycle activities using KeyManager.
- Administered secure remote-access VPN connectivity for more than 500 users using Ivanti Pulse Secure and Cisco ISE.
- Performed router failover testing, maintenance activities, and firmware upgrades to maintain high availability and business continuity.
- Created and modified firewall rules, NAT policies, and security configurations based on business requirements.
- Onboarded Cisco Meraki switches, configured VLANs, and integrated devices into enterprise network environments.
- Troubleshoot firewall, VPN, load balancer, SSL certificate, and network connectivity issues while meeting SLA targets.
- Coordinated with server, application, and security teams during maintenance windows and change implementations.
- Prepared monthly SLA reports and tracked operational performance metrics.
- Maintained technical documentation, SOPs, and change records for network and security infrastructure.

Key Achievements

- Supported secure VPN access for more than 500 users, improving remote connectivity reliability.
- Successfully executed failover activities, firmware upgrades, and maintenance windows with zero unplanned downtime.
- Improved operational visibility through proactive monitoring and alert management using DataMiner.
- Managed SSL certificate lifecycle activities through KeyManager, preventing certificate-related outages.
- Contributed to improved security posture through vulnerability assessments and device hardening initiatives.

Education

Gitam University

Bachelor of Technology (Computer Science)

Aug 2017 – Jun 2021

Bengaluru, India

Certifications

- CompTIA Security+ (In Progress)
- Cisco Certified Network Associate (CCNA) – Training Completed