Prathamesh Jagade

Phone: +91 9594620603

Email:- prathamj26@gmail.com

Cloud Network & Security

PROFILE SUMMARY

- **10+ years of experience** as a Network Security Administrator in Cisco devices, Palo Alto, FortiGate, Network security, Firewalls & VPNs, Cisco Routers, LAN/WAN connectivity.
- **Cloud Landing Zone:** Designing and implementing Landing Zone frameworks, establishing standardized multi-structures.
- **2+ years of experience** in **Azure Cloud networking and Security.**
- **1+ years of experience in AWS/GCP cloud networking and security.**
- **Cloud Services**: Proficient in a wide range of AWS services, including IAM, VPC, EC2, Transit Gateway, Route 53, DNS Firewall.
- **Security**: Implementing security controls and best practices in Cloud Landing Zone architectures, ensuring compliance with industry standards and regulations.
- **Load Balancing:** Understanding load balancing techniques and technologies to optimize network performance and distribute traffic effectively.
- **Prisma Cloud Architecture:** Knowledge of Prisma Cloud's architecture, components, and how it integrates with different cloud platforms is crucial.
- Understanding how **Prisma** Cloud provides visibility, compliance, and threat detection capabilities.
- **AWS Transit Gateway**: Designing and implementing AWS Transit Gateway architectures to simplify and centralize VPC connectivity across multiple AWS accounts.
- Cloud Networking: Proficient in configuring VPCs, Vnet, subnets, routing tables, and SG, NSGs.
- **Transit Gateway Routing**: Expertise in configuring route tables, route propagation, and route table associations to control traffic flow across multiple VPCs and VPN connections.
- Network Integration: Integrating AWS Transit Gateway with other AWS services like AWS Direct Connect, AWS VPN, NLB, ALB
- **Network Peering**: Proficient in establishing and managing peering connections between VPC networks for secure and efficient communication.
- **Azure Hub and Spoke Architecture**: Expertise in designing and implementing scalable and efficient hub and spoke architectures in Azure.
- **Cloud DNS**: - AWS Route 53, AWS DNS Firewall, Azure Private DNS Zone
- Experience in **Monitoring tools** like - Azure Monitor, Azure Network Watcher, Azure Traffic Analytics
- **Azure AZ 103-** Good knowledge about Azure
- **Azure AZ 104 –** Certified
- **Azure AZ-700** training
- Experience in the areas of Technical Implementation/Support, Project Management, System Administration, Networking.
- Possess IT experience with a strong foundation in internetworking & troubleshooting.
- LAN/WAN experience internetworking with **Cisco routers, WLC, Switches, Cisco ASA Firewall, FTD, FMC**.
- In-depth knowledge & hands-on experience Firewall, Routing, Switching, Network Architecture, IP Subnetting. Firewalls Migration of all the ASA firewalls to FTD firewalls.
- Extensive experience in Layer 3 routing & Layer 2 switching & dealt with router configurations like 2901, 2811, 1941, 1841, 3900, 4431, 4321 & switches 4500, 2900-x, 2900, 2960 & 9300,9500 switch series.
- **Cisco Meraki** Devices MR series wireless AP, MS series switches, MX Firewalls implementation and troubleshooting
- **Gemalto/ SafeNet Multi Factor authentication**- Implementation and troubleshooting
- Hands On experience Router configuration & troubleshooting of routing protocols: OSPF, EIGRP, BGP.
- Experience in Protocols like **Syslog, SNMP, AAA, RADIUS, Tacacs+**
- Configuring & troubleshooting AnyConnect, IPsec client & Site to Site VPN Using **Cisco ASA**
- Understanding of IPSEC & GRE tunnels in **VPN technology**.
- Experience with **FortiGate firewalls**, **Cyberoam firewalls**, **Checkpoint** & **Cisco FTD**, **ASA**
- Experience in testing routers & switches in laboratory & deploy them on site production.
- Proficient in configuration of routing protocols like **RIP, IGRP, EIGRP, OSPF** multiple areas & **BGP**.
- Involved in designing L2VPN services & encryption system & other VPN with IPSEC based services.
- Expertise in IP sub netting & worked on various designing & allocation various classes of IP address.
- Responsible Cisco ASA firewall and Cisco Firepower administration across global networks.

- Experience in working with **Firepower Management Centre** & FTD configuration & troubleshooting.
- Hands on experience on NAT configurations & its analysis on troubleshooting issues related access lists (ACL).
- Involved in monitoring network traffic & its diagnosis using performance tools like **SOLARWIND, PRIME, PRTG, HP NMMI, Science Logic**
- Experienced in **DHCP, DNS, SNMP, FTP, TFTP, TCP/IP, LAN, WAN**
- Experience on Device **IOS upgradation**
- Cisco **Wireless Deployment** & Configuration
- Preformed firewall configuration primarily through the command line interface
- Experience working with the **Cisco IPS module** which allows IDS or IPS inspection of all traffic passing through the firewall.
- Configuring **RADIUS or TACACS+ authentication** on Cisco ASA firewalls, Cisco Switches with Cisco ISE
- Configured **Cisco ASA firewall** to use multiple security levels & interfaces.
- Configuration, deployment & distribution of various models of Catalyst Core & Distribution switches
- Design & implementation of security infrastructure for clients focusing on Cisco Firepower & ASA suite of products.
- Configure & Install **Cisco NGFW FMC & FTD** firewalls at multiple customers.
- Operational Experience on **Palo Alto** and **FortiGate** Firewalls security.
- Cisco **ASA VPN** configuration
- Cisco ASA to **Azure** VPN tunnel configuration
- Switching – **VLANs, HSRP & SVI**
- Cisco Certified Network Associate/Professional (**Routing and Switching**)
- Cisco Certified Network Professional (**Security Core**)
- In-depth knowledge of LAN, WAN & **TCP/IP** networks
- Using packet capture, packet tracer, Nslookup & another tool to troubleshoot the Network.
- Network security, troubleshooting network access and implementing network security policies.
- Installing, administering, and troubleshooting network security solutions
- Updating software with the latest security patches
- **Vulnerability Assessment**: -Vulnerability Remediation and defending against threats.
- Configuration Compliance Management using SolarWinds NCM
- Configuring security systems, analysing security requirements, and recommending improvements.
- Monitoring network traffic for suspicious behaviour
- Working with Automation team to automate day to day Network and security Operational tasks, Monitoring Event Enrichment, Event Auto Healing, Service central **CMDB Attribute** Data population using **Ansible Automation and API**
- Ticketing tools: - **Manage Engine**, **Service Central**

S K I L L S

- **Azure** Subscription, Resource Groups, Virtual Network (Vnet), Subnet implementation
- **Azure virtual machine** Scale Set
- **Azure ExpressRoute** Direct and **VPN Gateway** configuration
- **Azure Load Balancer** setup
- **Azure Network Security Groups (NSGs)** implementation and association
- **Azure DNS A records** and **Private DNS Zone** setup
- **Azure Vnet linking with DNS zones.**
- **Azure Vnet Peering**
- **AWS Security Groups** and Network Access Control Lists **(NACLs)** for network security
- **AWS Route 53 resolver**
- **AWS DNS Firewall**
- **AWS Guard Duty**
- **AWS Transit Gateway** Routing
- **AWS Direct Connect and Direct Connect Gateway**
- **Understanding of AWS Firewall Manager**
- **Understanding of Prisma CSPM for compliance security.**
- GCP Cloud **VPC Firewall Rules** for network security, VPC peering, VPC Flow logging.
- Palo Alto Networks **Panorama, Palo Alto Firewall**, FortiGate Firewall
- **FortiAnalyzer** and **FortiManager** for centralized management, log analysis, and policy enforcement.
- Firewalls, **Network Security**, Virtual Private Network **(VPN)**, **Cisco Systems Products**, **Network Engineering**
- Networking, **Cisco ASA**, Checkpoint, Switches**, Cybersecurity**, Data Centre, **Network Design**, Border Gateway Protocol (BGP), Routing, ITIL, Network Administration, Cloud Computing, **Security**, Wide Area Network (WAN)
- Fortinet FortiGate firewalls

- Fortinet, Troubleshooting, Open Shortest Path First (OSPF), Routers, Information Security, **IPsec**
- Checkpoint Security, Internet Protocol Suite (TCP/IP), Switching, Cisco Routers, **Network Architecture**
- Strong planning & Skills, Project Management, DC Designing, Network Configuration & Support
- Network Administrator, **Network Security Architecture**, **Network Engineering**, Technical Analysis
- Network Security, Network Security Support, **Security Architecture**, Network Security System
- Network Security Management, System Upgrade, Network Security Systems installation & configuration
- Network Security Oversight, Firewall installation & Configuration, Network Operation & Security platforms
- Firewalls: Cisco ASA, FTD, FPR, FortiGate, Sophos, AAA architecture: TACACS+, RADIUS
- **NAC: - Cisco ISE Posture, Profiling, PxGrid, BYOD, MDM**
- **Network Management**: Wireshark, SNMP, NetFlow, SolarWinds, Syslog
- **Network Security:** - IPS/IDS, Site to Site VPN, Remote Access VPN
- **CCNA Routing Switching, CCNP Routing Switching**, Cyber Security, **CCNP Security, FTD,** Web Security**,** Application Security
- Architecture, Infrastructure Security, IT infrastructure, Information Security, **Cisco Umbrella**, **Cisco ISE**
- **Infoblox DDI, Bloxone Endpoint protection using DNS layer security.**
- **Network and Security Automation using Ansible.**
- **Service Central: - Change Management, Problem management, Incident Management**
- Knowledge of **Inventory** management, **Device onboarding / Off-boarding** process

---

O R G A N I S A T I O N A L   E X P E R I E N C E

EXPERIENCE: 20 Oct 2022 to Till Date

- Current Organization: **NTT Global Data Centers and Cloud Infrastructure India Pvt Ltd**
- Position: **Technical Specialist (Cloud Network & Security)**

ROLE & RESPONSIBILITIES:

- Implemented **Azure Virtual Networks (Vnet)** and subnets for multiple projects, ensuring proper IP addressing, subnetting, and routing configuration.
- Configured **Azure ExpressRoute** and VPN Gateway to establish secure and reliable connections between on-premises networks and Azure Vnet.
- Implementation of **Azure Load Balancer** to distribute traffic and improve application scalability and availability.
- Configuration of Azure Network Security Groups (**NSGs**) to enforce network security policies and protect cloud resources.
- Configuration of Azure DNS and **Private DNS** setups, **A records** creation, **Vnet linking** via **Azure Portal** as well as via **Terraform** scripts for efficient name resolution within Azure Vnet and from On Prem Network.
- Network performance monitoring using Azure Monitor and Network Watcher and troubleshooting connectivity issues.
- AWS **Transit Gateway Routing**, **Security Groups** and NACL, **VPC** and subnets Creation
- **Aws Route 53 resolver** rules configuration
- **AWS DNS security** with Route 53 resolver DNS firewall
- Implementation GCP Virtual Private Clouds (VPCs), Subnets
- GCP Cloud **VPC firewall rules** creation to enforce network security policies and protect cloud resources.
- Configuration **GCP Cloud Interconnect** and VPN connections for secure communication between on-premises and GCP environments.
- **Web application URL Onboarding** and troubleshooting on Cloud platform.
- **Palo Alto Firewall VM series** Implementation and management in **Azure/GCP/AWS** to Secure Inbound, Outbound and East West traffic flow.
- **IOS Upgradation** of Palo Alto Firewall, Panorama and Fortinet
- **Firewall Rule base review** Including AWS Security groups, GCP cloud VPC Firewall Rules, Azure Cloud network Security groups.
- Palo Alto Networks Panorama for centralized firewall management, policy enforcement, and log analysis.
- **VAPT mitigation** of Palo Alto, Fortinet Firewalls, Nexus 9k Switches, ASR 1000
- **MBSS Compliance**
- **Site to Site Tunnel –** from On-prem to Cloud connectivity
- Handling escalations and Major incidents (P1, P2).
- Timely knowledge transfer and Mentoring to all L1/L2 operations team members.

- Current Organization: **Capgemini Technology Services India Limited**
- Position: **Consultant**

ROLE & RESPONSIBILITIES:

- Leading Operations for services like **ISE** (NAC), **Cisco Firepower**/ASA (VPN) and FortiGate FW with Defined operational KPI
- Troubleshooting on **Cisco ISE** and **Cisco FTD firewalls**
- **IOS Upgradation** of FPR 2100, Cisco ASA 5500 series
- **VA mitigation** of FPR 2100, Cisco ASA 5500 series
- **Azure Subscription**, Resource Groups, Virtual Network (Vnet), Subnet implementation
- **Azure virtual machine** Scale Set
- **Azure DNS A records** and **Private DNS Zone** setup
- **Azure Vnet linking with DNS zones.**
- **Azure Network Security Groups (NSGs)** implementation and association
- **Azure Vnet Peering**
- **Azure ExpressRoute Direct**
- Handling escalations and Major incidents (P1, P2) for NAC and VPN.
- Working closely with Automation Team: to create workflows to minimize day to day operational tasks.
- Monitoring Event Management: - Event enrichment and Auto healing
- Inventory management, Device onboarding Off-boarding process.
- Change/Problem/Incident management process
- Handling Projects like implementation of Qradar, Splunk, SL1 Monitoring tool, NCM backup etc.
- Supports other tools e.g., Thousand eyes, NetScout DPI
- KB/Work instructions preparations for all Problem statements or Use cases.
- Timely knowledge transfer and Mentoring to all L1/L2 operations team members on NAC/VPN and FW operations.

EXPERIENCE: 04 March 2019 to 23 April 2020

- Current Organization: **GEP Solutions Pvt Ltd.**   URL: www.gep.com
- Position: **Senior Administrator - IT Infra**.

RESPONSIBILITIES:

- Configuration and troubleshooting of Global Meraki network which Includes (MR, MS, MX devices)
- Monitoring of global network through Meraki cloud dashboard
- Troubleshooting of **Meraki LAN, WIFI, FW's**
- ILL and MPLS Monitoring on PRTG monitoring tool.
- Responsible for handling client complaints and troubleshooting
- Co-ordination with vendors for new projects and prepare BOM.
- Implementation, Managing and Troubleshooting of **Cisco Umbrella Cloud security**.
- Cisco Umbrella and AWS S3 integration for data storage
- Management and troubleshooting in **Cisco ASA 5512 / 5545 / 5555**
- Configuration and **troubleshooting of Site-to-site VPN and Remote access VPN on Cisco ASA**
- **Configuration of VPN between Azure virtual network gateway and On Prem Firewall**
- **Azure Virtual network and subnets configuration**
- **Configuration of Azure network Security groups**
- **Azure IP address management**
- Good knowledge in Manage Engine Tool for Ticketing as well as Change Management Process
- Raising Change Request and discussion with CAB members as a part of Change Management Process
- Co-ordination with OEM support team for troubleshooting

EXPERIENCE: 16 Aug 2016 to 26 Feb 2019

- Current Organization: **Ninesec Integration Pvt Ltd.**   URL: **www.ninesec.com**
- Position: **Sr. Network Engineer**

- Configure, install & upgrade the Cisco router, Switches, Wireless & Security Devices.
- Provided Firewall, Network Security Administration, & Network Engineering duties within an OSPF / BGP
- Function as part of a Firewall & Security team in support of Checkpoint Firewalls, FortiGate, ASA.
- Configured 2960, 3560, 3750 & 4507 switches to add VLANs for wireless project.
- Accessed Cisco Prime & 5508 series Wireless Controller to manage wireless networks.
- Update Visio network diagrams, documentation (Excel, SharePoint), & before & after ICMPs.
- Worked Cisco ASA (5506-X,5508-X,5512-X,5545-X), Cisco Wireless (WLC 2504, 5508)
- Worked on Firepower Appliance (2130.1120), Firepower Management Centre Virtual & Appliance
- Cisco ASA, FTD IPS/IDS, AMP & URL, Web filtering, Content filtering Configuration & deployment
- Cisco Site-to-Site Tunnel Configuration & Troubleshooting
- Worked on Cisco Routers (2901, 2811, 1941, 1841, 3900, 4431, 4321)
- OSPF, Static routes configuration & troubleshooting
- Worked on Cisco Catalyst Switches (2960, 3560, 4948, 3750, 3650, 3850, 4506)
- Cisco ASA failover configuration, ASA access-list, Nat Rules, Site-Site tunnel & Any connect VPN configuration.
- Cisco ASA Active-Active (context) config, Cyberoam Tunnel configuration, firewall rule & policy configuration
- Cisco Identity Service Engine (ISE) Deployment – Standalone/ Distributed
- Cisco ISE Posture, Profiling, Guest, BYOD configuration and Troubleshooting
- Design, implementation, ongoing management & troubleshooting of all Network Devices
- Handling various problems related to Routers, WLC, Firewall & Switches, AWS VPN, EC2 & S3 configuration.
- Responsible for handling customer complaints & planned activities.
- Activities like Router, WLC, Firewall & switched implementation, hardware replacement, troubleshooting routing, WLC & switching related issues.

PROJECT HANDLED

- EMERSON
- TATA POWER SOALR
- Tata Power
- VOLTAS
- GREATSHIP

EXPERIENCE: 24 Nov 2014 to 13 Aug 2016

- Organization**: Tikona Digital Networks Pvt Ltd**
- Position: **Network Support Engineer**

RESPONSIBILITIES:

- Configure & troubleshoot of switches operating VLAN, Cisco Routers, Cisco ASA.
- Monthly Router, Switches, ASA backup.
- IOS upgradation for wireless AP via Ruckus controller
- IOS upgradation of switches, Cisco ASA FW
- Network Traffic Monitoring
- Wireless Radio Links migration as an Optimization task
- Incident management
- Maintain Radio link Inventory.
- Supports enterprise customers for troubleshooting escalated issues.
- Provide Supports to Field engineers (Configuration of switches and AP RF Optimization)

EXPERIENCE: 3 July 2012 TO 24 April 2014

- Organization: **Excellent IT services**
- Position: **Hardware Engineer**

RESPONSIBILITIES:

- Handling & troubleshooting wireless & WI-FI devices, Leased Line Modems
- Handling & troubleshooting of endpoint PC.
- Installation of windows 7, Windows server 2012, Software installation
- DHCP and DNS installation, LAN network setup

CERTIFICATIONS & ACADEMIC QUALIFICATION

- **Azure AZ-104 - Certified**
- **Azure AZ-103 Training Completed**
- **AWS Certified Solutions Architect - Associate certificate**
- **AZ 700 Training Completed**
- **CCNA R&S Certified**
- **CCNP Security CORE Certified**
- **CCNP R&S Enterprise Certified**
- **Fortinet NSE 1, 2 and 3 Certified**
- **Completed Advanced Diploma in Hardware & Networking from Infowave IT Terminal, Thane**
- **Graduate from YCMOU Nasik University**

Languages Known: English, Hindi, and Marathi
Address: Flat No-10, Gagangiri Maharaj Krupa Niwas, Surya Nagar, Vitawa, Thane - 400605