**Vidhya Rao Shree**

**Network Engineer**

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**Professional Summary:**

* Around **5.5years** of experience in Cisco Networking & Security which includes planning, Deployment and providing network support, installation and analysis for a broad range of LAN / WAN protocols.
* Hands on Branch Network establishment with **Cisco Core/Access Switches**
* Administration of Internet Links & MPLS Links with **Cisco WAN Routers**
* Hands on **Cisco Firewalls 5500 & 5500-X Models** Palo Alto PA**-3k/PA-5k Series**
* Firewall technologies including general configuration, security policy, rules creation and modification of Palo Alto PA-500, PA-2k, PA-3k, PA-5k
* Hands-on experience on **Palo Alto** Rule changes PA-2000/PA-4000 series, templates, object creation, planning, configuration changes, OS upgrades and CLI troubleshooting.
* Hands on Experience with **F5Big-IP LTM, GTM,** for application delivery services
* Worked extensively in Configuring, Monitoring and Troubleshooting Cisco's ASA 5500/PIX security appliance, Failover DMZ zoning & configuring VLANs/routing/NAT with the firewalls as per the design.
* Security technologies: **IPSEC VPN site-Site**, **Remote access VPN** technologies implementation

**Technical Skills :**

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| Routing Protocols: | Static, Float Static, RIPv1/v2, EIGRP, OSPF, IS-IS, BGP, Redistribution, PBR |
| Switching Protocols | VLAN, VTP, STP/ RSTP, FHRP, VSS, Port-channels, Stacking, VPC |
| Security | Firewall: NAT, ACLS, MPF, Policy maps, Contexts, AAA |
| VPN | IPSEC, SSL |
| Palo Alto Firewall | Security Policies, NAT, Global Protect, Active-Standby Firewalls |
| Console | Panorama management console |
| WAN Technologies: | MPLS, ILL (point-Point) |
| Virtualization | VMWare ESXi , Player, Workstation, Virtual box |
| Load balancing technologies | LTM, GTM |
| IP Services | IP Subletting, VLSM, IPV4, VRF’s, IP-SLA, Route-Maps, Policy-Maps, Syslog’s |

**Product Summary:**

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| --- | --- |
| Routers | Cisco 3900 Series, Cisco 3800 Series, Cisco 2900 Series, |
| Switches | Cisco Nexus,7k,5K, 2K, Cisco Catalyst 6500 ,4500 ,3500, 2900 Series |
| Security Products: | Firewalls: Cisco ASA 5500, AIP-SSM Modules, |
| NGFW | ASA 5500-X Series Firewall, Sophos, FortiGate UTM Devices , Juniper SRX |
| palo Alto | PA5020, 3020 Models, PA500,200 series  Panorama M200 Models |
| Load balancers | F5- BIG IP |
| Wi-Fi Tools | Insider, |
| Virtualization | VMWARE ESXi |
| Management Tools: | SolarWinds NMS |
| Packet Analyzer Tools: | Ethereal, Wireshark |
| Operating Systems | End host O.S: Win 7 ,8 ,10  Server O.S: Windows 2012,2016, Linux, Ubuntu, Kali Linux |

**Role: Network Security Engineer**

**Client: Citigroup**

**Period: May 2021– Current**

**Roles & Responsibilities:**

* Planning, Solution implementation and Support operations Client Network Infrastructures. Handling Client support and Network issues, Hands on **Cisco Routers, Switches** configuration
* Hands on implementation of Branch / HQ Networks. Hands on Datacenters Administration, Planning IP subnets & **VLANs** in a LAN Environment. Gateway redundancy **(HSRP) Protocol** implementation & Support
* **Cisco ASA** Firewalls administration with ASA Firewall Technologies. PALO **ALTO** Firewalls administration with Security Policies / NAT Policies configuration. PanoramaAdministration, FortiGate Server Firewall Policy Rules Definitions. **FortiGate Firewalls** Policy hits troubleshooting.
* Basic administration of **VOIP Network.** Managing **F5 LTM** Load balancers Administration of Datacenter Nexus switch with **7k/5k/2k** devices
* VPN technologies **DMVPN / GRE** tunnels implementation and administration, **IPSEC (remote, Site-Site) / SSL VPN tunnels** implementation and administration
* Administration of MPLS Network. Point-Point links and ISP Links with WAN edge devices
* **AWS Cloud Console** management **AWS Security Groups policies**, Instance Monitoringverifying Inbound/Outbound Security Group **AWS VPC** administration. AWS Palo alto, Citrix Net scalar Load balancers administration. **AWS VPN Tunnels administration** to HQ / Branch Locations
* Troubleshooting Networking issues Network Design with **Microsoft Visio** and Word. **Project plan, ATP documentations** technical training sessions given to Team members.
* Vendor coordination of MPLS, Internet service Providers. On**-call Support**
* ITIL Incident handling with P1/P2/P3 Ticket type Change set Management experience Coordination with other Department Teams while Handling issues.

**Role: Network Security Engineer**

**Client: BMW**

**Period: May 2017- Mar 2021**

**Roles & Responsibilities:**

* Applied routing Changes including **BGP, OSPF, RIP, PIM and EIGRP**, which improved network/system performance by 40%
* Maintained seamless end to end communication by delivering support for Video Conferencing Systems (**Cisco VCS/TMS**)
* Designed, configured, and installed all Data Center Network Devices to support 1000+users, including ran **cables. Ports, routers, switches load balancers and VPNs**
* Effectively resolved routing issues within multiple Contests of the **Cisco ASA firewall**
* Detected 20+ network vulnerabilities by testing infrastructure security and tracking Potential threats to the network.

**Educational Details:**

**Masters in computer science from Kanpur university, Kanpur, India**

**Bachelors in computer science from Rayalaseema University ,India**