**PRASANNAJEET KUMAR SINGH** 

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Current Location: Hyderabad

Preferred Location: All over India

**PROFESSIONAL SUMMARY**

* Over 5.10 years of experience in Checkpoint firewall and Palo Alto firewall and managing services and operations encompassing infrastructure designs, implementation and maintenance of large and complex network systems.
* Installation, configuration, troubleshooting of CISCO routers 2800, 3750, 2900, 7301, 7600, ASR 9010 and Cisco switches 6400 series, Cisco 2900 series, and Cisco 1900 series.
* Experience with designing, deploying and troubleshooting LAN, WAN, and Ether-channel.
* Experience in Configuring & implementing VLAN, VTP, LAN switching, STP, RSTP and 802.x authentication in access layer switches.
* Practical knowledge about TCP/IP, DHCP, DNS, SMTP, POP3, RIPV2, RIPV2, OSPF, IGRP, EIGRP, BGP Routing Protocol Static, default and dynamic.
* Configuration and troubleshooting L3 switches with VLAN, STP, SPAN, ETHERCHANNEL, HSRP, VRRP and GLBP.
* Strong experience in Network security using Checkpoint, Palo Alto, and IPSEC/SSL VPN.
* Experienced in Analyzing requirements and Designing, Deploying and operating Enterprise Environment s in Security stand point of view.
* Has excellent experience in multi-server corporate networking environment consisting of 250+ servers and 2500+ users in disparate geographical locations.
* Expertise in mentoring teams and improving users guides for flow of deliverable (business cases, business models and presentations) on the parameters of time and resource.
* Experience in setting up the OSG system to monitor and log transactions for specific applications.
* Proven skills in defining application development and support methodology within the organization.
* Installed and configured the Routers, switches, firewalls and Servers in the network per specification of clients.

**TECHNICAL SKILLS**

* **Routers**  Cisco 3600, 2600, 1700, ASR 9000 series
* **Switches** Cisco 6400 series, Cisco 2900 series, Cisco 1900 Series
* **Hubs** 3com, Hewlett Packard, D-LINK
* **Protocols** TCP/IP, RIP, OSPF, EIGRP, BGP, DHCP, DNS and PPP

VTP, STP, RSTP, ISDN, WLAN, HSRP, FTP, TFTP, SNMP

* **Concepts** Frame-Relay, ATM, VLAN, MLS, VPN
* **Firewall** Checkpoint R77.30, Palo Alto 5200 Panos series
* **Security tools** Wire shark, Solar Winds, Nessus Professional,

Snort, TCP Dump, Net Flow, Solar wind Span Tool

* **Servers** Pine App Server, Pat Server
* **OS**  CISCO IOS 12.X,14.x,15.x, MS-DOS 6.22, Windows

7/8/8.1, Windows 2008, Linux

**HIGHLIGHTS**

* Expert in IT Security Policies.
* Expert in routing, switching and Firewalls.
* Expert in Shoot of Networking devices.

**CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT**

* Cisco Certified Network Associate (CCNA)
* Trained Network Professional (CCNP)
* Trained Network Designing (CCDA)
* Trained Checkpoint firewall
* Trained Palo Alto firewall

**PROFESSIONAL EXPERIENCE 1**

**EByte Software Solutions Pvt Ltd**

**NOC ENGINEER**

**July 2018-till Now**

**Roles & Responsibilities:**

* Configured Routing protocols such as RIP, OSPF, EIGRP, static routing and policy-based routing.
* Successfully installed Palo Alto PA-3060 firewalls to protect Data Center and provided L3 support for routers/switches/firewalls.
* Team member of Configuration of Cisco ASR9010 router with VPN and Configuration of Catalyst switches.
* Configuration 7500, 7200 with OSPF and catalyst 6505, 4500, 3550 switches with various VLAN.
* Create and test Cisco router and switching operations using OSPF routing protocol, Firewalls, and MPLS switching for stable VPNs.
* Troubleshooting the Network Routing protocols (BGP, EIGRP and RIP) during the Migrations and new client connections.
* Working knowledge and experience in layer 3 routing protocols including BGP and OSPF.
* Responsible for network evaluations, troubleshooting a variety of network problems, and implementing various software and hardware upgrades efficient performance.
* Designed and implemented DMZ for Web servers, Mail servers & FTP Servers using Checkpoint and Palo Alto R77.30 and 5200 Firewalls.
* Generating RCA (Root Cause Analysis) for critical issues of layer1/layer2/layer3 problems.
* Provided redundancy to the network, implemented hot standby routing protocol (HSRP) and Load sharing for effective utilization of routers.
* Configuring, implementing and troubleshooting VLAN's, VTP, STP, Trucking, Ether channels.
* Packet capturing, troubleshooting on network problems with Wire shark, identifying and fixing problems.
* Performing network monitoring, providing analysis using various tools like Wire shark, Solar winds etc.
* Good experience with the ticketing tools like Service Now.

**PROFESSIONAL EXPERIENCE 2**

**Atria Convergence Technologies Pvt Ltd**

**NOC Engineer**

**March 2015-July 2018**

**Roles & Responsibilities:**

* Worked extensively on Checkpoint Firewalls R65/R70/R75/R76/R77.30.
* Extensive Experience in Managing and trouble Shooting Juniper SSL VPN Monitoring Network traffic using Solar Winds.
* Monitoring Health Check and Maintaining Firewalls using E7.
* Experience with design and implementation new Firewalls in Vendor Locations for Site-to-Site VPN.
* Troubleshooting IPv4 and IPv6 Dual stacking issues.
* Involved in maintaining STP, RSTP for the catalyst switches I worked on.
* Network Risk assessment, through Pretesting.
* Designed, tested, and implemented global Next Generation MPLS network (150 sites) using Cisco 3800, 2800, 2600, and 1721 routers using BGP and EIGRP protocols.
* Assisted with escalation procedures and customer notifications.
* Dealt with customer problems to management and support groups utilize standard escalation model.
* Satisfactorily Resolved Problems in timely manner with focus on providing a high level of support for all customers.
* Worked closely with presales and global network team for enhancing network operation effectiveness, technical escalations and service improvement.
* Installed MRTG to collect bandwidth utilization statistics of servers and WAN links.
* Managed team of 30 engineers in systems and technology team.

**EDUCATION**

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| --- | --- | --- | --- |
| **qualification** | **Board/university** | **Year of passing** | **percentage** |
| B. Tech (EL) | U.P.T.U, Luck now | 2014 | 66.0 % |
| H.S.S.C. | U.P BOARD | 2008 | 69.9% |
| S.S.C. | U.P BOARD | 2006 | 68.0 % |

**PERSONAL DETAILS**

Date of Birth : 01 June 1992

Nationality : Indian

Marital Status : Single

Inter Personal Skills : Quick Learner, Self-Motivated, Team Lead

**DECLARATION**

I do hereby declare that all the above-mentioned particulars are correct, true and complete to the best of my knowledge and belief.