Aravind R
Network Engineer - Hermes Networks

Plainsboro, NJ - Email me on Indeed:

• Network Engineer with 2 years of professional experience in performing Network analysis, design, Implementing also with capacity planning with focus on performance tuning and support of large Networks and Desktop support / Lab Administration in 24x7.
• Strong experience in Routers, Switches and firewalls with hardware/software issues.
• Worked on configuration and troubleshooting of firewalls like Cisco ASA(55XX), Palo Alto(PA-3020) devices.
• Experience in managing security policies with CSM, integrated with ASA 5500 devices.
• Strong Knowledge on ACL configuration for RADIUS and TACACS+.
• Strong Knowledge with firewall security context, failover, clustering and firewall firepower.
• Migration of Cisco ASA firewall rules to Palo Alto Policy.
• Designing and implementing F5 BIG-IP load balancer.
• Worked on F5 BIG IP LTM, GTM products for the balancing applications and their High availability.
• Hands on experience in installing, troubleshooting, configuration of routing protocol likes Static, EIGRP, OSPF, and BGP on Cisco 7200, 3900 series Routers and Juniper MX240, MX480.
• Migration of old 2800 router to new 3900 routers.
• Experience in Configuring and implementing VLAN, VTP, LAN switching, STP and 802.1x authentication on Cisco Catalyst 6500, 4500, 3500 series switches, Nexus 7k, 5K and Juniper EX4500, EX 6500.
• Worked on configuration and troubleshooting redundancy protocol like HSRP and VRRP.
• Strong Knowledge in WAN technologies including HDLC, Point to Point.
• Strong experience in implementing, configuring VPN technologies like IPSEC, DMVPN, MPLS.
• Experience with different Network Management Tools like SolarWinds and Splunk.
• Hands on knowledge on Sniffing tools like Wireshark (ethereal) and Tcpdump.
• Experience with Project documentation tools and experience with developing network design documentation and presentations using VISIO.
• Experienced with upgrade and backup Configuration of cisco IOS using TFTP server and password recovery for router.
• Expertise in implementing efficient Disaster Recovery and Strategies planning.
• Knowledge on programming Python scripting.
• Good team player interpersonal and communication skills combined with self-motivation, initiative and ability to think outside the box.
• Work as part of a team and provide 24x7 supports when required.
Willing to relocate: Anywhere
Authorized to work in the US for any employer

WORK EXPERIENCE

Network Engineer
Hermes Networks   -   Plainsboro, NJ - January 2017 to Present

• Experience in installation and troubleshooting Palo Alto Firewall PA 3060 and PA 3020.
• Worked on in Implementing security policy on Palo Alto improvements such as network filtering.
• ASA 5510 firewalls configuration and Implementation for network security.
• Migration of Cisco ASA 5520 firewall policy into Palo Alto PA-3060 Policy.
• Strong Knowledge on implementing AAA, Access Control Server configuration for RADIUS and TACACS+.

• Configuration of Access Control List (Std, Ext, Named) to allow users all over the company to access different applications and blocking others.
• Worked on implementing NAT using PAT on firewall.
• Configured routing policy and route-maps to perform route manipulation and filtering.
• Experienced with Implementing F5 BIG-IP load balancer for local traffic manager.
• Exposed to High availability of F5 Load balancer in Active/ Standby.
• Implemented GRE tunneling & Site-to Site VPN between two branch offices using IPsec VPN for user's connecting from various locations.
• Strongly involved in configuration and troubleshooting of routing protocols like OSPF and BGP (Connection with Carrier) on Cisco 7200/3900, Juniper MX240/480 series router.
• Hands on Knowledge on Changing the BGP attributes like Local preference and MED.
• Exposed to redistribution of protocols from EIGRP and BGP from ISP.
• Experienced in Implemented OSPF authentication for high security.
• Strongly involved in configuration of STP, PVST, VLAN, Trunking and port channel (LACP) switching technologies on cisco 3560/6500 and Juniper EX4500/6500.
• Worked on Implementation of High availability gateway by using HSRP.
• Deployed NEXUS 2248 Fabric Extenders, 5548 Model and Fabirc Interconnect with 7010 Model.
• Involved in maintaining IPAM (IP Address Management), DNS and DHCP by using Inflobox.
• Working with troubleshooting tools like Wireshark for packet capturing.
• Worked on documentation to create Visio diagrams using MS Visio.
• Provide 24x7 support and work as a team.

Network support Engineer
Gannon University   -   Erie, PA - August 2016 to December 2016

• Worked as a network supporter with university network team.
• Configured subnets and inter vlan routing for different labs.
• Configured static route, OSPF for routing traffic with organization.
• Experience with Configuration of DHCP and NAT for different pools.
• Assigning IP address to Computers in different labs.
• Good expose on configuration of windows servers with software installation line c, c++, java with .net framework
• Good expose on training and documentation helping for new students
• Expose on cloning and backup to recover failure systems.

Network Engineer
Everyday Health   -   Hyderabad, ANDHRA PRADESH, IN - June 2014 to July 2015

Hyderabad

• Responsible for implementing, engineering, & level 2 support of existing network technologies / services & integration of new network technologies / services 24x7.
• Configured and managed cisco routers and switches. Worked on 2600, 2900, 3500, 3750 Router and 4500 and 6500 switches.
• Worked on configuration and troubleshooting EIGRP and BGP routing protocol.
• Configuration of ACL to allow users all over the company to access or block the traffic.
• Configured RPVSTP for loop prevention and VTP for Inter-VLAN Routing.
• Experienced with implemented port aggregation & link negotiation using LACP and PAGP.
• Involved in design, implementation and configuration of HSRP for load balancing on L3 switches on different location of office on the switched Network.
• Configured Client VPN technologies including Cisco's VPN client via IPSEC

• Worked on Implemented VTP and trunking protocols (802.1q) on catalyst switches 3560, 3750 and 4500 series.
• Installation, Maintenance, Troubleshooting Local and Wide Areas Network (NAT, DHCP).
• Setting up SNMP and integrating all devices with Monitoring Tools with SolarWinds.
• Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, reviewing system and application logs, and verifying completion of scheduled jobs.
• Inventory management and Management database of devices and IP's for Addressing space management.

EDUCATION

Master's in Computer Engineering
Gannon university   -   Erie, PA

SKILLS

DHCP (2 years), VLAN (2 years), BGP (1 year), CISCO (1 year), EIGRP (1 year)

ADDITIONAL INFORMATION

Technical Skills:

Firewall Security Cisco ASA 5520, Juniper SRX5600, Palo Alto PA-3020, PA-3060.
Routing Static, BGP, OSPF, IGRP, EIGRP, authentication Cisco routers (3640, 3700, 7200), Juniper (MX240, MX480)
Load balancing F5 (LTM and GTM)
VPN GRE Tunneling, IPsec.
Switching VLAN, VTP, STP, RSTP, PVSTP, Trunking, Port channel (LACP, PAGP), Cisco switches (3560, 6500), Nexus 5K, 7K, Juniper EX4500, EX6500.
Network Monitoring tool SolarWinds, Infoblox.
Sniffers Ethereal (Wireshark), TCPDUMP.
Communication Protocols TCP/IP, UDP, DHCP, DNS, ICMP, SNMP, ARP, PPP, HDLC, MPLS.
Software MS Visio

Operating Systems Cisco IOS, Pan-OS, Jun-OS