******Prathmesh A **

asatkarprathmesh@gmail.com

**Phone: (929) 269-2883**

**PROFESSIONAL SUMMARY**

* More than 8+ years of experience in implementation, troubleshooting and maintenance of network security devices.
* Experience in configuring and troubleshooting of routing protocols RIP v1/v2, EIGRP, OSPF, IS-IS BGP and MPLS.
* Worked on Layer 2 technologies, Switched VLANs, Spanning Tree and WLANs.
* Understanding the JUNOS platform and worked with IOS upgrade of Juniper devices.
* Worked on network topologies and configurations, TCP/IP, UDP, Frame Relay, bridges, routers, hubs and switches.
* Provided proactive threat defense with ASA that stops attacks before they spread through the network.
* Designed and Implemented Cisco PIX525 and ASA5550 firewall’s interfaces with FTP, DNS, HTTP servers on DMZ with different security levels.
* Configuring network devices, developing test standards and QoS Testing using Spirent Test Centre
* Design and deploy MPLS VPNv4, Layer 2/3, OSPF, static routing, VLAN, dot1q trunks.
* Load balancing and traffic shaping, MQC, QoS on Catalyst, troubleshooting and support
* Switching tasks include VTP, ISL/ 802.1Q, IPsec and GRE Tunneling, VLAN, Ether Channel, STP RSTP, PVST+.
* Knowledge in Microsoft Office Suite, Cisco IOS, IOS-XR, Junos, LOES/SAOS, Wireshark, Adobe Photoshop, Pro Tools Authorized to work in the US for any employer.
* Full Cisco Meraki Wireless migration at 60+ sites with 185 Access Points. Including special MX100 hardware device for a "Guest Network" enterprise solution Installed and configured
* Cisco VOIP devices and IP Phones 8945, 8851, 8841, 7841, 7942, 7960, 7961, 7971G-Ge, 7975G.
* Implemented the numerous firewalls rules on the Checkpoint with both Hide Nat and Static NAT
* Automated Spirent Test Center Automation framework for SDN Open Flow Controller / Switch.
* Innovated with support of Palo Alto for remote and mobile users and for analyzing files for malware in a separate (cloud-based) process that does not impact stream processing.
* Strong hands on experience in installing, configuring, and troubleshooting of Cisco 7600, 7200, 3800, 3600, 2800, 2600, 2500, and 1800 series routers, Cisco Catalyst 6500, 4500, 3750, 2950, and 3500XL series switches.
* Detailed technical knowledge of either Cisco ACE, F5 load balancer technology.
* Configured Juniper SSG-550 and ISG-1000 and Cisco ASA5510 firewalls.
* Experience with F5 load balancers - LTM, GTM series like 6400, 6800, 8800 for the corporate applications and their availability
* Implemented 4 Class QOS
* Help customers with QOS design and troubleshoot voice call quality issues using Wireshark
* Hands-on experience with Cisco Nexus 7000, Nexus 5000 and Nexus 2000 platform.
* Design, Build, and Implement various solutions on Check Point Firewalls, Blue Coat Proxies, F5 Load balancers and F5 Global Traffic Managers.
* Hands on experience in configuring and supporting site-to-site and remote access Cisco, IPsec, VPN solutions using ASA/PIX firewalls, Cisco, B2B VPN client in addition to providing TACACS+ and RADIUS services.
* Involved in setting up Voice VLANs on distribution switches, and configuring access switches ports for AVAYA IP PHONES
* Expertise in medium/large sized LAN/WAN design/configuration & implementation with CISCO, Bluecoat and F5 equipment, wireless network design/configuration & implementation (includes VLSM) and IP services to meet medium level enterprise level network requirement
* Experience working with Nexus 7K, 5K, 3K, 2K devices.
* Experience with configuring Nexus 2000 Fabric Extender (FEX), which acts as a remote line card (module) for the Nexus 5000.
* Setup wide area and local area networks (LAN/WAN) for clients utilizing Meraki Cisco routers, switches, firewalls Perform proactive wireless site surveys to ensure the environment has not changed and to ensure a steady and reliable wireless environment .
* Well experienced in configuring protocols HSRP, GLBP, VRRP, ICMP, IGMP, PPP, HDLC, PAP, CHAP, and SNMP.
* Migration of Palo Alto firewalls from ASA
* Implemented traffic filters using Standard and Extended access-lists, Distribute-Lists, and Route Maps.
* Experience with MS Word, Access, Excel, PowerPoint and MS Outlook.
* Experience in installing and configuring DNS, DHCP server.
* Moderate knowledge in configuring and troubleshooting Cisco Wireless Networks: LWAPP, WLC, WCS, Standalone Aps, Roaming, Wireless Security Basics, IEEE 802.11 a/b/g, RF spectrum characteristics.
* Worked on F5 LTM, GTM series like 6400, 6800, 8800 for the corporate applications and their availability.
* Good knowledge and experience in installation, configuration, and Administration of Windows 2000/2003, HTTP, FTP, DNS, NTP, DHCP servers under various LAN and WAN environments.
* Skilled in MS Word, Excel and PowerPoint, Legal Solutions, Internet, and Email.
* Proficiency in handling Network Monitoring tools and Packet capture tools.
* Adept in preparing technical documentation and presentations using Microsoft Visio/ Office.
* Provides technical leadership for problem escalation and resolution.
* Highly motivated with the ability to work independently or as an integral part of a team and committed to highest levels of professionalism.
* Juniper: EX-2200, EX-4200, EX-4500, EX-480, M Series, SRX210, SRX240.

**CERTIFICATIONS**

* Cisco Certified Network Associate (CCNA)- CSCO13139203
* Palo Alto Networks – ACE
* Python

**Technical Skills**

|  |  |
| --- | --- |
| Cisco Routers | 1700,1800,2500,2600,3600,3800,7200,7600 |
| Cisco L2 & L3 switches | 2900,3560,3750,4500,4900,6500 |
| LAN Technologies | VLAN,VTP,Inter-vlan routing,STP,RSTP,PVST,802.1x |
| WAN Technologies | HDLC, PPP, ATM, SONET, MPLS, VPN, IPSec-VPN |
| Network Securities | NAT/PAT, VPN, Filtering LoaBalancing using F5, IPSec, Checkpoint Firewall |
| Routing Protocols | RIP,IGRP,EIGRP,OSPF,BGP,VRF,IS-IS,HSRP,IPv6 |
| Load balancer | BIG IP F5 LTM/GTM/ASM |
| Routed Protocols | TCP/IP, IPX/SPX |
| Infrastructure services | DHCP,DNS,SMTP,POP3,FTP,TFTP |
| Network Managements | SNMP, SSH, Telnet, ICMP |
| IP Telephony | VOIP, FXO/FXS/E&M/T1/ISDN/PRI, Call manager Express |
| Operating System | Windows, MS DOS, UNIX, Linux |
| Programing language | C,C++,Python,Perl,Java,HTML |

**Professional Experience:**

***Nomad Digital, San Jose, CA Dec.2016 to till Date***

***Network Engineer***

***Responsibilities:***

* Responsible for configuration, maintenance, and troubleshooting of dynamic routing protocols: BGP, OSPF & EIGRP (route redistribution, distribute lists, route-maps, offset-lists, prefix lists, route summarization, route-feedback, BGP attributes) on Cisco Routers 7613, 7201, and 3945E.
* Working knowledge of frame relay, MPLS services, OSPF, BGP and EIGRP routing protocols, NAT’ing, sub-netting, also including DNS, LDAP, DHCP, http, HTML, HTTPS, TCP/IP, UDP, SNMP, OSPF, RIP, IPSEC, PPTP, VLAN, STP (Spanning tree Protocol), RTSP & Multicasting protocols
* Configured Multiprotocol Label Switching (MPLS) VPN with Routing Information Protocol (RIP) on the customer's stage
* Programmed ACD features like VDN, Hunt Group (Skill) and Vector. Included by adding VDNs, vectors and hunt groups through adjunct server CMS. And coordinate recording
* **Cisco 3850 ,Cisco 4500X, F5-5050 ,F5-2000, WSA S690, SMA M690, FMC 4000** Upgrade of open stack from Icehouse to Juno with no data-loss
* Installation, configuration and troubleshooting of Cisco 7200VXR, ASR1K, ASR9K series routers and Catalyst 6500, 2900 series switches
* Install network backbone, wireless controllers and wireless access points (Cisco, Aruba, Ruckus) Strong technical skills to perform installation and troubleshooting of Ericson, Ruckus and Cisco Access Points (AP's).
* Design, Build, and Implement various solutions on Check Point Firewalls, Blue Coat Proxies, F5 Load balancers and F5 Global Traffic Managers.
* Reviewed current NetCache policies and converted the rules in the Blue Coat VPM on new BlueCoat SG400 hardware
* Extensive Experience with Symantec DLP and RSA DLP architecture and implementation for enterprise level.
* Designed Symantec DLP architecture, implemented Symantec DLP.
* Worked with Symantec DLP upgrades and patches.
* Expert in Checkpoint Firewall(NGX R65, R70, R71, R75, R77 and R80)
* Providing Technical help to customers on various issues of Symantec Endpoint Protection.
* Implementation of Symantec Endpoint Protection. Installation, Configuration, upgradation, troubleshooting & maintaining Antivirus Products from Symantec.
* Implement and maintain DLP solutions based by McAfee products and Microsoft RMS abilities
* updated the F5 GTM configurations that had the legacy NetCache's as Reverse Proxies to ensure a seamless ProxySG migration with GSLB and DR.
* Configured and implemented Meraki network equipment for 30 locations for a customer with Meraki MX80 firewalls, Meraki MS220 48 port switches, Meraki MR34 wireless access points, and Meraki MR32 wireless access points.
* Good knowledge in VoIP, SIP, MGCP, H.323, PRI, SIP Trunking and Analog (FXS/FXO) Voice Protocols, Routing Protocol (OSPF, EIGRP, IGRP, RIP), Transport Layer Protocols TCP and UDP.
* Worked with LOB's in preparing them for UAT and migration activities to the ProxySG
* Successfully upgraded the Aspect ACD from V7 to V8, installed separate voice sub-system. Achieved 95% pass
* Planning of changes to Aspect ACD, Configuration and implementation
* Responsible for the configuration of features such as Announcement, Vectoring, Systems Parameters, Route Pattern, VDN, Trunk Groups, ACD, IVR, Split Skills, Dial Plan, Create Stations, Check Alarms, Troubleshoot Alarms and other features configurations to Avaya PBX System.
* Network Consultant for Nexus Next-Generation project. Built out several MPLS/BGP VRF for multiple clients. Included implementation of 9K, 7K, 5K, 3Kand 2K configuration for integration witch UCS and legacy systems. Developed process for Network Engineering Peer review for all network related systems.
* Global Team Lead for datacenter consolidation project. Consolidated 16 global datacenters consisting of Cisco 6500, 4500, 2800, ASA 5540, F5 BIG-IP 3600, and Palo Alto 2000.
* Consolidation was in preparation to upgrade datacenters to Nexus 7000, 5000, 2000, and ASR 1000 backbone infrastructure. Including providing Level 3 and vendor level troubleshooting of all LAN and WAN related issues.
* Provide Cloud Network Infrastructure support for global clients. Included setting up new VPNs, NAT, and URL configuration.
* Orchestrated a LDAP remediation critsit for a major international manufacturer conglomerate that had an expiring SSL certificates for a critical legacy non-compliant application and leveraged F5 SSL Offloading until their critical apps and encryption methods were updated.
* grated from Cisco Web Security Appliance (IronPort) to Blue Coat ProxySG with Blue Coat's Cloud Proxy (ThreatPulse) for a major building materials manufacturer in the Midwest.
* Blue Coat SME Advisory role for an Energy Services provider who was in the process of a secure web gateway migration and data center move.
* Working closely with onsite IT managers and remote engineers utilizing Ekahau Site Survey performed wireless validation surveys of Microsoft offices across the United States and Canada. Configured Aruba access points, troubleshoot connectivity issues with Aruba access points. Prepared wireless survey reports, reports documenting coCisco ISE/NACmpleted projects and AP placement maps
* Also dealt with Exchange, mailbox setups and email distribution with SMTP emails
* Experience working with design and deployment of MPLS Layer 3 VPN cloud, Involving VRF Route
* PERL scripts to facilitate data load and report generation according to business rules.
* Created documents for various platforms including Nexus 7k, ASR9k, and ASR1k enabling successful deployment of new devices on the network
* Configure and rebuild McAfee Sidewinder firewalls and Blue Coat proxy servers
* Implement complex enterprise network modifications relating to firewalls and proxy servers
* Troubleshoot complex enterprise network issues, ranging from VPNs to remote server access
* Remotely manage over 400 enterprise level McAfee Sidewinder firewalls and Blue Coat proxyservers
* Brocade and CISCO MDS fabric switch infrastructure in a core-edge topology.
* Migrated Check Point 680 to juniper SRX 650.
* Experience creating custom intrusion signatures to detect specific network traffic anomalies
* Responsible for creating network configurations for Cisco ASR9k, CRS, Nexus 7000, 7609, 7613, 6509, 4509, 5500, 3550, 2620, 2621, 1720, Junipers MX960, M320.
* Provided project oversight for all network engineering projects and managed a team of network engineers.
* Established development lab for testing of network equipment. Models included EX4200, EX3200, J2350, J6350, Cisco 6500, and Cisco 3560.
* Experience with Splunk, Snort, Dragon, ArcSight, Sourcefire, Blue Coat Reporter and Squil.
* Monitor Intrusion Detection Systems (IDS) console for active alerts and determine priority of response.
* Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team
* Integrated and tested Riverbed 2050-H and 5050-H Steelhead appliances for over 20 geographical locations. Included upgrading RIOS and network configuration. Worked with Riverbed professional services to return faulty Steelheads.
* 2nd level support of incidents for the Legacy Aspect ACD and associated peripheral applications/circuits
* Provided BGP and firewall consulting to clients SRX240 and EX4200 implementation. Included reviewing and improving IP Plan, application requirements, and WAN failover.
* Configuration and implementation of ASA 5500s, Cisco 2921s, Cisco 3560s, Cisco 2960, Cisco WAAS, and Cradle point 3g/4g routers. Implementations provided connectivity to locations throughout the USA and Caribbean.
* Operate network monitoring and management tools Tools analysis software suites such as CA Spectrum, Cisco Prime LMS, Cisco Prime Infrastructure, SevOne, NetBrain, HP Network Automation, Live Action to diagnose problems, restore service for network and/or systems.
* Configuration of Cisco WCS, NCS, 5500 WLCs, and 3600/2600/1200 Access Points.
* Ordered communications circuits from AT&T, Sprint, and other regional carriers.
* Configuration and maintenance of routers, firewalls, and load-balancers. Included configuration of Juniper ISG 2000, Juniper EX4200, F5 BIG-IP 3600, and Cisco 6500. Includes protocols such as MPLS, BGP, OSPF, and VRRP.
* Developed design and testing of EIGRP to OSPF migration.
* Developed and implemented core network consolidation plan. Included redundant configuration of Juniper EX8200.
* Experience on Remote Authentication Dial-In User Service (**RADIUS**) is a networking protocol that provides centralized Authentication, Authorization, and Accounting (AAA or Triple A) management for users who connect and **use** a network service.
* Implementing DMVPN technologies: Multipoint GRE (mGRE), Next-Hop Resolution Protocol (NHRP)
* Provide ongoing monitoring of intrusion detection systems and newly developed exploits for Windows and UNIX systems
* onfigured ACD Call center features like VDN, Vectoring, Hunt Group (Split Skills) Agent Login.
* Cisco Umbrella DNS configuration/support.
* IOS upgrade in Nexus 7010 through ISSU (In service Software Upgrade)
* Involved in the redistribution into OSPF on the core ASA firewall
* Customize Orion web console and Orion custom properties, views, and menu bars to meet client business needs. Create and maintain Orion maps, including online diagrams of server rooms, MDFs and IDFs
* Strong experience working with Cisco routers IOS-XR, ASR1k, 7600, 7206vxr, 7505, 7507, 4540, 3645, 2621, and […] 2550, 2950, nexus 7k switches.
* access servers from several vendors use a single RADIUS server-based security database. In an IP-based network with multiple vendors’ access servers, dial-in users are authenticated through a RADIUS server that has been customized to work with the Kerberos security system.
* Configuring, upgrading and managing Juniper devices like M&T series routers, EX, MX and SRX, IDF.
* Extensive Arista and Cisco Nexus 3000 low latency systems
* Configured and installed Bluecoat Proxy SGs to a newly designed network scheme, from an inline perspective to a WCCP load balanced network layout.
* Detailed technical knowledge of F5 load balancers - LTM, GTM series like 6400, 6800, 8800 for the corporate applications and their availability
* Planning, designing and implementation of moving multiple DMZ's on FWSM's to ASA's by creating Multi-Context Environments on the ASA, ACD
* Hands on experience in configuring VDC, VPC and FCOE, upgrading NX-OS for Nexus Family Switches.
* Worked on Layer 2 protocols such as STP, VTP, STP, RSTP, PVSTP+, MST and other VLAN troubleshooting issues and configuring switches from scratch and deployment
* Configured Cisco ASR-9K, ISR 2800 & 3800 series routers with OSPF as an enterprise IGP
* Good hands on experience in configuring CISCO based routing e.g. RIP, EIGRP, OSPF, HSRP, VRRP, route redistribution and switching e.g. VLAN implementation, STP, VTP, Access lists, L3 Switching etc. Implementing and administrating Bluecoat proxies in "Forwarding (whether it is via PAC file, WCCP, In Line or Policy based routing), Reverse and WAN optimization mode.
* Worked with installation of Palo Alto firewalls.
* Worked in Primary Environment: SRX220, SRX650, SRX3600 and Checkpoint R77
* Experience with design and implementation of Data center migration
* Designing, Implementing and Troubleshooting Cisco 3750, 3550, 3560, 2924, 6509-V-E, 6513, 6504, 6503, 6506, 6500 series switches, GSR, ASR routers with Cisco IOS and IOS-XR
* Installed, configured and managed Cisco routers such as 7200 series, 3800 series, 3700 series, 2800 series and Cisco Catalyst switch series 6500, 4500, 3500, and 2900.
* Upgraded the data center network environment with Cisco ASA 5520. Configured ACL’s on Cisco Switches as well as configured routers as terminal servers.
* Implementing 3750 Stackable switches using Cisco Stack Wise technology. Experience to review and evaluate current and future design issues as required maintaining network integrity, efficient data flow.
* Worked on Layer 2 protocols such as STP, VTP, STP, RSTP, PVSTP+, MST and other VLAN troubleshooting issues and configuring switches from scratch and deployment
* Involved in designing and implementing QOS and policy map to 2800 series routers for all the branches
* Implemented Juniper SRX FW Interface, NAT and VLAN using SPACE
* Understanding of Juniper EX/MX/SRX series architectures and JUNOS platform including hands on configuration
* Successfully engineered a 2-factor VPN using Palo Alto, AD and RSA solutions.
* Plan for 1G fiber links and Install and configure Cisco ASR 901, Cisco ASR 1000, ASR 7600 Routers for 1G fiber links connectivity.
* Good knowledge in VoIP, SIP, MGCP, H.323, PRI, SIP Trunking and Analog (FXS/FXO) Voice Protocols, Routing Protocol (OSPF, EIGRP, IGRP, RIP), Transport Layer Protocols TCP and UDP, IDF
* **Nexus 9332PQ, Nexus 9372TX, Nexus 9372PX , Nexus 93120TX**
* Maintenance and Troubleshooting of LAN connectivity problems using Ping, Trace route Environment: Cisco 3560, 4500 switches and Cisco 3825 Routers, Juniper SRX 650, F5 BIG IP 2000, EIGRP, BGP, STP, VLAN
* Worked with F5 load balancers - LTM, GTM series like 6400, 6800, 8800
* Worked on juniper MX-series MX960, MX240, and MX480.
* Experience on A RADIUS server and a Cisco router use a shared secret text string to encrypt passwords and exchange responses.
* Experience on configure RADIUS to use the AAA security commands,the host running the RADIUS server daemon and a secret text (key) string that it shares with the router
* Configuration and Troubleshooting of core, distribution and access switches (Cisco 6500, 3750, 2950 series) in LAN and WAN network, Server Load Balancers such as Cisco CSS and Nortel Alteon web switch, F5 BigIP, firewalls Checkpoint (Nokia) and Cisco firewalls (PIX and ASA), Juniper Netscreens.
* Planning, designing and implementation of moving multiple DMZ's on FWSM's to ASA's by creating Multi Context Environments on the ASA, ACD, IDF
* Worked on configuring and managing wireless access points of multiple vendors like Cisco, Avaya and Aruba.
* Worked on the Cisco ASR 9010 and Cisco ASR 9912 Routers at CORE level.
* Upgraded switches with updated Cisco IOS images and perform initial switch configuration including AAA security, generating RSA keys, and configuring switch ports for various end devices.
* Redistributing from RIP to OSPF and vice versa by implementing Hub and Spoke topology with a Frame Relay Switch. Cisco Umbrella DNS configuration/support.
* Extensive implementation of firewall rules on Juniper SRX 3600, SRX 650 and SRX 220, using SPACE as well as CLI when needed.
* Performed IP address planning, designing, installation, configuration, testing, maintenance, and troubleshooting in complete LAN, WAN development.
* Involved in operations and administration of WAN consisting Ethernet Handoffs, T1, DS3, and Optic Fiber Handoffs.
* Supporting EIGRP and BGP based on the network by resolving level 2 & 3 problems of internal teams & external customers of all locations
* Racking, Stacking, configuring, Nexus 5K,3K, 2K and 7K.

***Certipath Inc., Reston, VA Jan – 2016 to Dec. 2016***

***Network Engineer***

**Responsibilities**:

* Configured the BGP as a WAN protocol, and OSPF/EIGRP as interior routing protocol.
* Provide technical support for clients with dial-up internet issues.
* Configuration of Access List ACL (Std, Ext, Named) to allow users all over the company to access different applications and blocking others.
* Configured Cisco ASR, ISR 2800 & 3800 series routers with OSPF as an enterprise IGP
* Implemented traffic engineering on top of an existing Multiprotocol Label Switching (MPLS) network using Frame Relay and Open Shortest Path First (OSPF)
* Configured VoIP devices and IP phones such as 7940, 7942, 7960, 7961, 7971G-Ge, 7975G. Configured an enterprise dial plan in Cisco Call Manager and Cisco Gateways.
* Design and configuring of OSPF, BGP on Juniper Routers (MX960, MX480) and SRX Firewalls (SRX240, SRX550).
* Provide support to help desk for complex/major network problems. Build the rules for the application access across the IPSEC VPN tunnel.
* Design the firewalls rules on Cisco ASA 5520 and 5540-X and implemented the different NAT policies
* Did JUNOS and NAT migrations on Juniper SRX firewalls
* Review monitoring and security risks for our network infrastructure, update security policies using Juniper NSM and Palo Alto firewalls
* Responsible for performing predictive wireless designs/site surveys with AirMagnet Planner (Cisco 3500/3600/3700/Aruba 105 access points) and conducting physical wireless site surveys with AirMagnet Survey.
* Provided guidance with the Alteon to F5 load balancer migration and Blue Coat ProxySG 9000 upgrade projects in the IBM Web Application hosting infrastructure.
* Led a global Alteon GSLB to F5 GTM migration. Led the Blue Coat SG8100's to SG9000's from SGOS v5.5 to SGOS v6.2 upgrade.
* Install, test, and/or evaluate customer DLP equipment and software
* Experienced with RSA DLP, as well as Symantec DLP versions 12.5, 14.0, 14.5, and 14.6
* Symantec Data Loss Prevention (DLP) upgrading and migration to 14.6
* Symantec Data Loss Prevention (DLP) policy engineering
* Increasing proficiencies inside of DLP by integrating Active Directory
* Lead Migrating Exchange transport rules to DLP by LOB
* Created Auditing program for all current DLP policies bringing them in line with the new policy structure thus allowing more growth within the DLP infrastructure.
* Administer and maintain the corporate DLP environments while structuring and documenting the corporate DLP infrastructure environments.
* Established VMware EXSI servers in support of multiple VMs, which enabled the company to immolate and test DLP installs on various platforms.
* Provided ongoing support for front end related issues related to proxies and load balancers.
* Installation of Cisco ASA 5500 series firewalls, Cisco 3500, 4500, 6500 series switches
* Configuration and Maintenance of ASA 5550, ASA 5510, PIX 535, PIX 515E, FWSM Firewalls and Cisco IPS 4240 using Cisco Security Manager (CSM). Cisco Umbrella DNS configuration/support
* Expert in installing, configuring Juniper devices such as EX-2200, EX-4200, EX-4500, MX-480, MX-104 M Series, SRX210, and SRX 240.
* Expertise in VPN configuration, routing, NAT, access-list, security contexts, and failover in ASA firewalls.
* Provided redundancy in a multi homed Border Gateway Protocol (BGP) network by tuning AS-path.
* Innovated with support of Palo Alto for remote and mobile users and for analyzing files for malware in a separate (cloud-based) process that does not impact stream processing. Cisco Umbrella DNS configuration/support.
* Configured H.323, SIP and MGCP Gateways, Created Subscriber services, skill sets, prompts for UCCX deployment.
* Implement and manage Geo-Location based load balancing using F5 GTM load balancers. Provide consulting services to customers recommending best practices for their security posture and their environments.
* Experience with Junos OS and Juniper EX 2200, 4200, 4300, 4500, 8200, series switches, MX-480, MX-104, M Series, Juniper QFX 5100 Fabric series switches, and Juniper SRX 210, 220, 240, 550, 3600/650 series firewalls.
* Installed and maintained routers and switches in various network configurations supported VLANs, Qos, Avaya VoIP, and advanced access-lists.
* Experience in configuring VDC, VPC and FCOE, upgrading NX-OS for Nexus Family Switches.
* Experience in working with Nexus 7010, 5548, 2148, 2248 devices
* Worked on ASR 901, 920, 903 and 9000 series Cisco routers Involved in troubleshooting of DHCP and other IP conflict problems.
* Convert campus WAN links from point to point to MPLS and to convert encryption from IPSec /GRE to Get VPN
* Excellent hands on experience in OpenStack environment implementation.
* Involved in migration of the network routing from ACD. OSPF to BGP which involves new WAN links
* Daily technical hands on experience in the configuration, troubleshooting of Juniper SRX firewalls as well as experience working directly with customer in a service/support environment.
* Extensive implementation of firewall rules on Juniper SRX 3600, SRX 650 and SRX 220 on a daily basis, using SPACE as well as CLI when needed.
* Involved in migration of the network routing from ACD. OSPF to BGP which involves new WAN links
* Responsible for overall firewall configuration implementations and policy installations across all platforms during maintenance windows including Juniper, Check Point, and Fortinet for major enterprise network.
* Configuring, administering and troubleshooting the Check Point, Palo Alto and ASA Firewall.
* Daily exposure to IP based network security protocols with Juniper SRX firewalls, Operating Systems and security configurations LAN/WAN/Security solutions Working on Cisco 6509 and 4507 series switches for LAN requirements, that includes managing VLANs, Port Security and troubleshooting LAN issues
* Attending meetings and technical discussions related to current project.
* Maintained redundancy on Cisco 2600, 2800 and 3600 routers with HSRP and VRRP.
* Implemented and configured routing protocols like EIGRP, OSPF. Cisco Umbrella DNS configuration/support.
* Implemented Positive Enforcement Model with the help of Palo Alto Networks
* Debugging knowledge of OpenStack neutron networking with GRE as network topology
* Configured STP for loop prevention and VTP for Inter-VLAN Routing.
* Configuration and troubleshooting of EIGRP, OSPF, BGP.
* Configuration of Standard and Extended ACLs for Security.
* Troubleshooting the issues related to routing protocols.
* Managing, troubleshooting and monitoring the network using Network Monitoring tool.
* Network Security implementation with Cisco IOS Feature Set, NAT, and Simple Network Management Protocol.
* Involved in migration from Frame-Relay/ATM network to MPLS-based VPN for customer’s WAN infrastructure
* Provided support for troubleshooting and resolving Customer reported issues.
* Performed IOS upgrades on Catalyst 3550, 2950, 1900 switches, and 3600, 2600 and 2500 routers.
* Provided support for global network including T1/T3, ATM connections using HDLC and Frame Relay on 2600, 4000 series Routers.
* Installed wireless access points (WAP) at various locations in the company.
* Technical assistance for LAN/WAN management and complex customer issues.

**Environment:** LAN, WAN, MPLS, Cisco ASA, HSRP, VRRP, GLBP, VLAN, OSPF, EIGRP, BGP, TCP/IP, STP, PVST, RSTP,VTP,F5loadbalancer,NAT,Cisco ASAfirewalls,PaloAltoFirewall,Checkpoint,McAfeeAntivirus,Endpoint,ProtectionSolution,SSH,Syslog, SNMP,NTP,Solarwinds,Netflow,Netbrain and Infoblox VPN.

***HK Infocom. India Nov. 2010 to Aug 2015***

***Network Engineer***

***Responsibilities:***

* Responsible for installation Configuration of Server Windows server Operating System 2008R2
* Provided value added customer services by attending to customer queries and issues
* Analysed the performance of the Linux system to identify memory, disk I/O and network problem
* Monitoring the servers via IP monitor
* Added User accounts, maintained security
* Systems and Server Level Support
* Responsible for planning and Execution of system Backup and recovery
* Monitoring all the clients globally and solving the problem raised by IMS
* Responsible for providing online support to other offices, remote installation at their ends through VNC, Remote admin and terminal Services
* Handling server Check List.
* Support and administer the network infrastructure for including deployment of new equipment and services to handle increased customer demand.
* Resolve network issues to minimize downtime working in fast-paced, deadline-oriented environments.
* Responsible for equipment in support of voice services, CATV, and voice/data integration.
* Develop and enforce best practice standards for installation and deployment of access layer hardware.
* Interact and manage outside contractors in support of wiring infrastructure.
* Developed automation process using K-shell for WLS install, upgrade patches, deployment, monitor, tuning and configuration of Apache application server in multi cluster server environment
* Managed all network deployments and equipment in a mission critical and high availability environment
* Performed the task of providing 24\*7 supports in maintenance and repairing of systems.
* Experience with communications traffic analysis, network management systems interpretation of systems events.
* Verifying test results are complete and MAC addresses and Serial Numbers are complete and match.
* Maintaining site information integrity using smart sheet and other software.
* Ensuring the availability of site information.
* Maintaining a flexible schedule to ensure any possible situation can be addressed quickly if needed.
* Working with other teams to ensure the overall goal of the company is maintained.