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**Mitesh Ashok Kumar**

**OBJECTIVE**

* Seeking Challenging position as a network Engineer in progressive organization where I can implement my technical skills and coursework while further expanding my knowledge.

**Professional Summary**

* 10 years of Extensive work experiences on Cisco Switches, Cisco Routers, Load Balancers &amp;Cisco Firewalls.
* Proficient experience in configuring Cisco Catalyst 2900,2960, 3560, 3750, 4500, 4900,Legacy Cat 6500 series and Nexus 7010, 5548 and 2248 switches and deep understanding ofarchitecture.
* Experience working with 2600, 2900, 3600, 3900, 7200, 7600 series Cisco Routers.
* Hands on experience in troubleshooting of inter-VLAN routing and VLAN Trunking using
* 802.1Q. Implemented gateway redundancy with HSRP and GLBP
* Expertise in configuring and deployment of routing protocols-OSPF, EIGRP, BGP, Policy-
* based routing over Cisco Routers, configuring and troubleshooting route redistribution.
* Extensive knowledge in implementing and configuring F5 Big-IP LTM-3900, and 6900Load balancers.
* Strong working experience on Cisco Firewalls, ACS, Cisco ASA 5540 Series
* Intermed8iate level understanding of Juniper JUNOS, M series router and SRX firewalls.
* Comprehensive expertise in the implementation of analysis, optimization, troubleshooting anddocumentation of LAN/WAN networking systems.
* Worked on T1/E1/T3 technologies and different LAN &amp; WAN technologies, FTP, TFTP and DHCP configuration and setup.
* Extensive implementation of firewall rules on Juniper SRX 3400 and NetScreen 5500 on a daily basis, using CLI.
* Performed testing on PoE devices for conformance to the IEEE 802.3 Clause 33 standard.
* Hands on Knowledge/experience on F5 load balancers, its methods, implementation andtroubleshooting on LTMs and GTMs.
* Outstanding experience in designing and configuring of Layer 2 / 3 networking features such asVLAN, ISL, STP, VTP, 802.1X, Port Security, L2PT and SPAN.
* Experience with implementation of DNS and DHCP protocols and Configure Protocols MPLS: TDP, LDP, L2VPN, VPLS, AToM, RSVP-TE, QoS.
* Create and manage operational requirements for both VM and operations team to define process for managing storage, compute and network resources from within VMware console and web interface.
* Implementing IP addressing schemes, LAN/WAN protocols, IP Services, to meet network requirements in different environments.
* Build Network architecture with the use of firewall.
* Successfully managed and delivered VPLS/Bridging feature, L2TPv3 features on new platform.
* Experience securing and managing remote access using various VPN technologies like IPSec, SSLand GRE.
* Knowledge of VoIP, Cisco Unified Communications Manager (CUCME), AAA, RADIUS, TACAACS+.
* Working knowledge of network monitoring/management tools like Wireshark, TCPdump, Cisco Prime, Net Flow, PRGT, Solar Winds.
* Expert in configuringCiscoApplication Centric Infrastructure (ACI) andCiscoAPIC.
* Expertise in the configuration and troubleshooting of Routing Protocols likeRIP, OSPF,EIGRP,ODR,BGP,MP-BGP,VRF-LITE, Redundancy Protocols like VRRP and HSRP.
* Experience working with virtualization software likeWhatsup,VMware.
* Highly motivated with the ability to work independently or as an integral part of a team andcommitted to highest levels of professionalism.

**Certifications**

* **Cisco Certified Network Associate (CCNA)**
* **Cisco Certified Network Professional (CCNP)**
* **Juniper Networks Certified Associate (JNCIA-Junos)**
* **Palo Alto Networks – ACE**

**Technical Skills**

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| **Routers:** | Cisco 7600, 7200, 3900, 3800,3600, 2900, 2800, 2600,1800,1700 |
| **Routing:** | OSPF, EIGRP, BGP, RIP v1/v2, PBR, Route Filtering, Redistribution, Summarization, and Static Routing. |
| **Switches:** | Nexus 2K/5K/7K, Cisco Catalyst 2900, 3500 ,3700,6500, 4500, 3850,3560, 3750, 2960 |
| **Switching:** | LAN, VTP, STP, PVST+, RPVST+, Inter VLAN routing & Multi-Layer Switch, Ether channels, Transparent Bridging. |
| **Network Security:** | ASA (5505, 5510) Firewall Cisco, ACL, NAT/PAT,IPSEC,F5 Load Balancer, Checkpoint |
| **Load Balancer:** | F5 Networks (Big-IP) LTM 8900 and 6400. |
| **LAN:** | Ethernet (IEEE 802.3), Fast Ethernet, Gigabit Ethernet |
| **WAN:** | PPP, HDLC, Channelized links (T1/T3), Fiber Optic Circuits, Frame Relay, VOIP |
| **Gateway Redundancy:** | HSRP and GLBP |
| **WAN Optimizer** | Riverbed Steelhead Appliance |
| **DHCP and DNS** | Infoblox |
| **Various Features & Services:** | IOS and Features, IRDP, NAT, SNMP, SYSLOG, NTP, DHCP, CDP, TFTP, FTP. |
| **IP Telephony** | VOIP, FXO/FXS/E&M/T1/ISDN/PRI, Call manager Express |
| **Network Management:** | Wireshark**,** SNMP, Solarwinds |

**ProfessionalExperience**

**Client: Inserso, Vienna, VA Aug 2015 - Jan 2017 Role: Senior Network Security Engineer**

**Responsibilities**

* Responsible for configuration, maintenance, and troubleshooting of dynamic routing protocols: BGP,
* OSPF &amp; EIGRP (route redistribution, distribute lists, route-maps, offset-lists, prefix lists, route
* summarization, route-feedback, BGP attributes) on Cisco Routers 7613, 7201, and 3945E.
* Creatingframe relay, MPLS services, OSPF, BGP and EIGRP routing protocols, Natting,
* NAC product sub-netting, also including DNS, LDAP, DHCP, http, HTML, HTTPS, TCP/IP, UDP, SNMP,
* IPSEC, PPTP, VLAN, STP (Spanning tree Protocol), RTSP &amp; Multicasting protocols.
* Designing, Implementing and Troubleshooting Cisco 3750, 3550, 3560, 2924, 6509-V- E, 6513, 6504,
* 6503, 6506, 6500 series switch, GSR, ASR routers with Cisco IOS and IOS-XR and NX.
* 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.
* Experience on configuring and troubleshooting Cisco nexus9k/7k/5k/2kdatacenter Switches.
* Coordinating with Vendors for creating and modifying firewall and NAT rules and Maintaining Site to Site and SSL VPN tunnels.
* Implementing Cisco Application Centric Infrastructure (ACI) as a solution for data centers using a Spine and Leaf architecture.
* Responsible for creating network configurations for Cisco ASR9k, CRS, Nexus 7000, 7609, 7613, 6509, 4509, 5500, 3550, 2620, 2621, 1720, Junipers MX960, M320 and M7i's.
* Building new Verizon branch data networks of various sizes from small to large sites.
* Preformed IOS upgrades on cisco routers and switches andnetwork configuration and troubleshooting (802.3 and 802.11).
* Involved in complete LAN, and WAN development and optimization as per the organization’s requirement plan.
* Involved in a wide range of security issues including architectures, firewalls, electronic data traffic, intrusion detection systems, enterprise anti-virus systems, and software development tools.
* Operate and maintain the VMI VOIPSystem to include Cisco End Points, CUCM 9.x, Unity 9.x, VMWare Virtual Environment hosting VOIP Servers. Install, maintain, and upgrade VOIP Software and Hardware, including Wireless Access Points and Route/Switch Hardware.
* Monitoring remote servers via solar-winds web interface.
* Experience working Juniper T-Series, M-Series, MX-Series, J-Series Routers.
* Installation, configuration and troubleshooting of Cisco 7200VXR, ASR1K, ASR9K series routers and Catalyst 6500, 2900 series switches.
* Worked on Cisco Routers, Active /Passive Hubs, Switches, Cisco PIX Firewall configured Aruba access points, troubleshoot connectivity issues with Aruba access points. Prepared wirelesssurvey reports, reports documenting completed projects and AP placement maps, NOKIA Firewalls, Nortel VPN Concentrators TCP/IP, NAT and Checkpoint ESX/GSX firewall.
* Worked onAruba solution to monitor thewireless networks and troubleshoot the problems by converting.
* Setup, configuration and trouble-shooting ofPalo Altodevices before deployment.
* 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.
* Worked onPalo-Alto design and installation (Application and URL filtering, Threat Prevention, Data Filtering).
* Trouble-shooting Palo-AltoPa-5000 series using Panorama, Checkpoint VSX, R75.40, R76 and R77.20 as per Business Requirements.
* Experience in Installing & configuring Firewall Cisco ASA, Cisco PIX, FWSM, Palo Alto PA-2000, PA-3000, PA-5000, Panorama, Checkpoint NGX R70, R75, R77 Gaia, Provider-1 and VSX.
* Implemented Hot Standby Router Protocol (HSRP) by tuning parameters like preemption
* Implementation and configuration of F5 Big-IP LTM-6400load balancers.
* Provisioning of Vlans and configuration on layer 2 and 3 aggregators like Cinna, Calix, and AFC devices.
* Implementation of Wireless access points to newly opened branches and existing branches.
* Decommissioning and consolidating existing branch networks.
* Connecting network sites to the Internal MPLS cloud.
* Distinguisher (RD), Route Target (RT), Label Distribution Protocol (LDP) & MP-BGP.
* Worked on migration of existing PIX firewall to ASA firewall, PIX OS upgrade from 6.3 to 7.0.
* Involved in Configuration of Access lists (ACL) on ASA firewall for the proper network routing for the B2Bnetwork connectivity.
* Implemented Juniper EX2200, EX3200, Ex3300, EX4200 Juniper Wireless 800 series, Junos 11.4R, 12.2R Junos7.7, Ring.
* Created a graphical application to work with Avaya's Communication Manager debugging terminal to show   
  VoIP source occupancy by location/region and by VoIP type (legacy VoIP card, H.248 Media Gateway,   
  Avaya Media Server).
* Work with Verizon Wirelessdata network architecture to track IPs, isolate host location, and import data into IPC tool.
* Consulting for Immuno Laboratories, Inc and other small businesses, my role as includes daily internet traffic monitoring, server backup verification, Active Directory administration, VOIP optimization and escalated desktop/PC technical support.
* Analyzed Network design to determine what were the major problems and improvements needed to be made to the network infrastructure. Configured VPN and IPSEC/GRE tunnel on VXR 7201, 1841, 2911, and 2811.
* Built a base of commercial customers and market solar products and electrical services to them.    
  Direct Sale of solar pool heating arrays to home owners.
* Worked on Cisco Routers, Active /Passive Hubs, Switches, Cisco PIX Firewall, NOKIA Firewalls, Nortel VPN
* Concentrators TCP/IP, NAT and Checkpoint ESX/GSX firewall.
* Experience with design and implementation of Virtual Switching System (VSS) for both User segment and serversegment using 6509-V- E catalyst switches.
* Providing Layer-3 redundancy by implementing HSRP in the network.
* Expert Level Knowledge about TCP/IP and OSI models.
* Configure the layer 2 and layer 3 on Cisco Nexus 7K, 5K, 6509, 9710, 5596UP, 4500, 3850, 3950, ASR and 2960.
* Design and implement networks including physical connections, layer 2 topologies and layer 3 topologies.
* Troubleshoot and Worked with Security issues related to Cisco ASA/PIX, Checkpoint, IDS/IPS and Juniper Netscreen firewalls.
* Implementing IPsec and GRE tunnels in VPN technology.
* Created Visio Dean / Visio Documentation to give complete picture of network design for each building.
* Experience in Configuring, upgrading and verifying the NX-OS operation system.
* Worked with engineering team to resolve tickets and troubleshoot L3/L2 problems efficiently.
* Implemented VoIP solutions using SIP & H.323, also have sound knowledge of Avaya VoIP products.
* Propose network redesign based on client hardware guidelines, network policies and individual site’s unique characteristics.

**Environment:**CiscoASA 5505,Cisco ASR,MPLS,RIP,EIGRP,OSPF,BGP,VPN,HSRP,LAN,WAN, LSA Filtering,

F5 Big-IP LTM-6400,DHCP,DNS,DMZ,L2TPv3, VLAN Trunking 802.1Q, Solar Wind,EMC DMX-3,5.

**Client: Merck Pharmaceuticals, Kenilworth NJ July 2014 – Aug 2015**

**Role: Network Security Engineer**

**Responsibilities**

* Installed and configured Cisco 2600, 2800, 3600, 3800 routers and 2950, 3700, 6500 switches.
* Maintained and managed networks running OSPF and BGP routing protocols.
* Configured route redistribution between OSPF and EIGRP in a multi-area OSPF network.
* Daily monitoring of network traffic using sniffers (Wireshark) and access logs to troubleshoot and identify network issues.
* Troubleshoot issues related to VLAN, VLAN Trunking, HSRP failovers, related issues.
* Implemented Positive Enforcement Model with the help of Palo Alto Networks.
* Implementing security policy configurations and nodes via Juniper SRX-3400 FW and NetScreen 5500.
* Performed switching technology administration including VLANs, inter-VLAN routing, trunking, port aggregation.
* Configured site-to-site and remote user access VPN connections. Configuring switch for 802.1x port based authentication.
* Implemented Cisco Application Centric Infrastructure (ACI) as a solution for data centers using a Spine and Leaf architecture.
* Experienced in developing Web Services withPythonprogramming language.
* Developed views and templates with Pythonand Django's view controller and templating language to create a user-friendly website interface.
* Participated on VMware, Solar Wind application (ADL) testing team for server consolidation/higher system availability project.
* Configured Nexus 5K, 7K, Cisco 3900, ASR 1K routers and 2960, 3750, 6500 switches as part of the day to day activities.
* Experienced with VMWare VirtualizationInstallation and Configuration.
* Executed daily production and development administration and changes in an end-to-end VMware with zero customer Virtualizationstack impact.
* Applied in-depth working knowledge of server Virtualization software, Virtualization infrastructure management, and physical to virtual transformation processes.Maintained core switches, creating VLAN’s and configuring VTP.
* UsedCisco ACI(Application Centric Infrastructure) SDN architecture to reduce operating costs, automate IT tasks, for greater scalability and visibility in a data center environment.
* UsedCisco ACIFabric which is based on Cisco Nexus 9000 Series Switches and the Cisco Application Virtual Switch (AVS).
* Support customers through resolving escalated issues pertaining to a variety of network functionality, including VoIP / Telecom degradation, routing protocol configuration assistance, switch configuration parameters, STP problems, ASA VPN assistance, ASA ACI configurations, andWLCSSID troubleshooting.
* Managed deployment and testing of code updates for wireless systems, such as WCS, WiSM, andWLC
* Developed wrapper application usingCisco (ACI)SDK based on Cisco Nexus 9000 series switches.   
  Componentized key attribute specific and generic objects in Cobra (ACI) SDK to speed up network programmability solutions.
* ImplementedCisco ACI infrastructure for supporting rapid application change by reducing complexity with a common policy framework that can automate provisioning and resource management.
* Created sales enablement and global sales kits for: 2nd-generation hyper-converged offering - Hyperflex; next-gen cloud-scale SDN switches - Nexus 9200, 9300; pervasive network analytics - Cisco Titration Analytics.
* Hands on Experience on Cloud Computing, Microservices, ACI, SDN, CiscoNetworking, Linux, Virtualization.
* Network diagram creation using Microsoft Visio. Integration with 3rd party RMM software such as Solar Winds, Level Platforms, Op Manager, and Packet Trap. Create GRE tunnels to remote Sites for user access and remote support.
* Expert level configuration of Layer 2 technology including VLANS, Trunking, STP, RSTP, PVST, MST, VTP in addition to port-security, Uplink fast, Backbone fast, Port fast, BPDU guard & filter and Ether channel including LACP & PAGP negotiations.
* Worked on Gaia Versions 77.10, 77.20, R65, Palo Alto implementing new and additional rules on the existing Firewall for a server refresh project.
* Responsible for Check Point, Cisco ASA andPalo-Altoconfiguration and administration across global networks.
* Generating RCA (Root Cause Analysis) for critical issues of layer1/layer2/layer3 problems.
* Planning for upgrade of IOS on devices and performing the upgrade.Troubleshoot network connectivity issues and outages in a wired (802.3) and wireless (802.11) TCP/IP network.
* Assisted in the architecture, evaluation and recommendations related to purchasing and installing
* hardware, software related to IP Networking.
* Managed fast Layer 3 switched/routed LAN/WAN infrastructure as a part of Network team. The LAN consisted of Cisco campus model of Cisco 3550 at access layer, Cisco 6513 at distribution/core layer.
* Preformed wireless remediation efforts to assess and resolve performance.
* Configured and deployed WAAS at branch offices and Worked with Radius and TACAACS+.
* Used network monitoring tools to ensure network connectivity and protocol analysis tools to assess and pinpoint networking issues causing service disruption.
* Responsible for implementing, engineering &level 2 support of existing network technologies / services & integration of new network technologies / services.
* Extensively debugged of SIP protocols anomalies with tcp-dump/Wireshark analyzer.
* Hands-on experience in using Reporting tools like SAP Query, Report Painter/ Report Writer and Drill Down Reports which used for analysis, performance, accounts history, and day to day business processes.
* I help provide project coordinators with answers concerning \*installation of customer services. Including hosted PBX, VOIP, SIP, \*MPLS, EIA, and other data services.
* Network design use to assist in performing networkevaluation were Solar-Winds engineering toolset, Wireshark, SSH Putty, Solar-Winds Orion.
* Operate and maintain the VMI VOIP System to include Cisco End Points, CUCM 9.x, Unity 9.x, VmWare Virtual Environment hosting VOIPServers. Install, maintain.
* Debug IMS server issues, utilizing SIP protocol analysis with tcp-dump/Wireshark.
* Reviewed the Business processes and compatibility of the SAP system with the present business as a part of SAP Implementation Scoping.
* Configure, monitor and trouble-shoot Juniper Net-screen firewall.
* Provides IT analytical and technical support to approximately 1, 000 ACC/A5/8/9 information systems users by performing long-term projects as well as reacting to critical, time sensitive issues; manages the NetQDRA Web Console database to create, maintain, and troubleshoot approximately 1,000 local/domain user accounts on unclassified computer systems and classified systems
* Server maintenance, VM Ware, VOIP Cisco Phone Systems, Imaging, Data recovery, OS upgrades, and various other facets of IT Support.
* Planned, designed and executed ground up new multi-domain Active Directory forest including Exchange and migration of employees with zero downtime in the process. This included having a team that executed the migration while business.
* Worked in Primary Environment: SRX220, SRX650, SRX3600 and Checkpoint R77.
* 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.
* Interact directly with the Avaya's IT organization to plan, implement and deploy application   
  updates into our corporate production environment.
* Senior platform engineer for the configuration, deployment and migration of the production VM-wareinfrastructure from existing Dell platform to UCS blade center.
* Worked on configuring and managing wireless access points of multiple vendors like Cisco, Avaya and Aruba
* Experience Branch Relocation: Connect workstation, servers, etc. Rack and stack Pre-configured new hardware.
* Route redistribution and route update manipulation using route-maps; distribute lists and AD manipulation and link negotiation.
* Configuration and maintenance of 3750 stack and 6500 VSS for improved efficiency of the data plane.
* Configuration and management of NEXUS network in the existing network infrastructure.
* Created LAB setup with 7k and 5K NEXUS switches for application testing.

**Environment:** Nexus 2k/5k/7k, Cisco 6500/7500/7200 Routers, Cisco 3550/4500/6500 switches, Juniper

SRX100,LAN,WAN,OSPF,RIP,BGP,EIGRP,HSRP,PPP,VPN,Checkpoint,Cisco ASA.

**Client: Western Union, NYC, NY Feb 2013 – June 2014**

**Role: Network Admin/Engineer**

**Responsibilities**

* Designed and implemented Cisco VoIP infrastructure for a large enterprise and multi-unit office environment. Met aggressive schedule to ensure a Multi-office reconfiguration project which was successfully delivered.
* Responsible for service request tickets generated by the helpdesk in all phases such as troubleshooting, maintenance, upgrades, patches and fixes with all around technical support.
* Supporting EIGRP and BGP based PwC network by resolving level 2 &3 problems of internal teams & external customers of all locations.
* Day to day network troubleshooting at the Alcatel lucent area network.
* Upgrade Cisco Routers, Switches and Firewall (PIX) IOS using TFTP.
* Installed and configured Juniper MX480- 960 Routers, EX2200, 4300 Switches, PTX3000 routers, QFX5100, 3500 andQfabric platforms, SRX200 Branch platforms.
* Configuration 7609, 7606 with OSPF and juniper (EX, QFX, andQfabric ) switches with various VLAN.
* Troubleshoot latency and throughput issues on MPLS and Dedicated Internet Access circuit which is built out of Verizon MPLS with Juniper Cisco 2600/Juniper SSG5 devices.
* Updated the HP open view map to reflect and changes made to any existing node/object.
* Handled SRST and implemented and configured the Gateways, Voice Gateways.
* Configuring HSRP between the 3845 router pairs for Gateway redundancy for the client desktops.
* Configuring STP for switching loop prevention and VLANs for data and voice along with Configuring port security for users connecting to the switches.
* Knowledge of implementing and troubleshooting complex L2/L3 technologies such as VLAN Trunks, VTP Ether channel, STP, RSTP, MPLS and MST.
* Supported Data Center migration and consolidation project.
* Deployed Riverbed WAN optimizers and F5 load balancers.
* Administration and L3 support of ourInfoblox DDI deployment and F5 GTM's and configuring various advanced features (Profiles, monitors, iRules, Redundancy, SSL Termination, Persistence, SNATs, and HA) on F5 BIG IP appliances.
* Day to day activity working onInfobox appliances inDDI (DNS DHCP IPAM) environment with creating new or modifying existing DNS records, DHCP Scopes and Carving Subnets.
* Configured VPC, FEX and VDC’s on Nexus 5K, 7K.
* Cisco Switches Nexus2K, 3K,5K,7K,9K's&Catalyst 6500, 4510, 4500-x, 3800, 3750x, 3550, 2960s   
  Firewalls &Load Balancers Checkpoint, ASA 55xx series.
* OperateCisco Prime Infrastructure and Lan Management System to monitor and maintain inventory of all network equipment.
* Responsible for managing WiFi NetworkInfrastructure projects portfolio with budget ranging from $2.5 to $5mil along with aggressive timelines and various scope dependencies.
* Configuring RIP, OSPF and Static routing on Juniper M and MX series Routers.
* Racking, stacking and dress cabling Data center IT equipment (Network gear, Servers&Disk Frames).
* Configuring VLAN, Spanning tree, VSTP, SNMP on EX series switches.
* Coordinate with Server, Security, Application teams along with 3rd party vendors to provision and setup third party servers, network devices in Data Center environment.
* Work with 3rd party vendors and application owners to migrate site to site VPN’s to new datacenter.
* Configure, deploy and troubleshoot 4400 wireless controllers and 1200 LWAPP’s.
* Monitor network health using tools like eHealth, Cisco Prime, Spectrum and recommend optimization solutions.
* Performing network monitoring, providing analysis using various tools like Wire-Shark,Solar-winds etc.
* Create BOM’s and network implementation plans.
* Experienced in BroadcomICOScode base.
* Installed and maintained local printer as well as network printers.
* Conduct High Level design (HLD) sessions with Application SME and Engineers.
* Handled installation of Windows NT Server and Windows NT Workstations.
* Handled Tech Support as it relates to LAN & WAN systems.
* Map out existing network and forthcoming changes in Visio as part of the quarterly network audit process.

**Environment:** Cisco2950/3500/5000/6500 switches, Cisco 7600/7200/3800 Routers, ACL, LAN, WAN, RIP, OSPF,

BGP, IPV4, Solar winds, Juniper SRX, RIP, OSPF, BGP, EIGRP, TFTP, F5 Load Balancer, Cisco ASA

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| **Client: Sumilon Industries Ltd**, **Surat**, **India**  **Role: Network engineer**  ***Responsibilities*** | ***March 2010 – Nov 2012*** |
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* Configured and troubleshooting HSRP, BGP, OSPF, EIGRP, MPLS WAN, QoS and Route Maps.
* Configured and maintaining Cisco 7200, 4400, 5000 and 6500 platforms.
* Troubleshoot connectivity issues involving VLAN’s, OSPF, QoS etc.
* Support, monitor and manage the IP network.
* Performance monitoring of various applications and web servers to maintain quality of service and network stability.
* Maintained core switches, creating VLAN’s and configuring VTP.
* Designed IP Addressing schemes, VLAN tables and Switchport assignments, Trunking and Ether-channel implementation.
* Responsible for Checkpoint and Cisco ASA firewall administration across global networks.
* Gained hands on experience with VLSM, STP, VTP, VLAN Trunking.
* Installed and set up Cisco routers and switches according to deployment plans.
* Applied access lists and NAT configurations based on implementation guidelines.
* Managed and developed network projects designed to strengthen network continuity and deploy security elements in an attempt to meet and exceed contract requirements, including system analysis and troubleshooting.
* Change management, monitoring network performance with network tools.
* IP Distribution for existing devices and new devices as they were added.
* Preformed maintenance on equipment as necessary, performing device upgrades, modification of configurations, password changes and diagnostic testing.
* Worked with vendors and Engineering team to test new hardware and procedures.
* Prepared and maintained documentation using MS Visio.

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| **Client: CMS, Surat, India**  **Role: Network Support Engineer**  **Responsibilities** | ***June 2007 – Feb 2010*** |

* Planned, deployed and maintained wireless and wired LAN network using Cisco 3600 routers, 2960, 3500 switches, and 7960 IP Phones.
* Designed IP addressing schemes, VLAN’s, sub-netting and trunking to meet requirements.
* Preformed installation, cabling and cable testing.
* Setup Access list and configured Firewall.
* Implemented QoS for Voice traffic.
* Planned and executed the migration from PSTN to IP Telephony, CUCME and 7960 IP Phones.
* Designed and implemented IT security policies and networked backup systems.
* Documented and maintained technical diagrams, documented logical and physical topology, and other IT procedures.
* Reviewed, approved, procured various IT hardware and software products to fulfill strategic and operational needs of various departments.
* Worked with management and various departments to develop procedures and troubleshoot problems as they arose.
* Managed Windows Server 2003, Exchange Server and Active Directory.
* Installed and maintained local printer as well as network printers.
* Handled installation of Windows NT Server and Windows NT Workstations.
* Handled Tech Support as it relates to LAN & WAN systems.
* Created account groups and managed group members.

**Education:**

Bachelors of engineering in Electronics and Tele-Communication Engineering From Gujarat University.