**Network Engineer**

**Hari Prasadh**

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**Summary:**

* 8 years of experience **Network Engineer** in designing, performing Network analysis, troubleshooting complex networks, maintaining and supporting complex network.
* In-depth expertise in the analysis, implementation, troubleshooting & documentation of **LAN/WAN** architecture and valuable experience on **IP services**.
* Advanced knowledge and in-depth understanding of L2/L3 network protocols (**Fabric Path, vPC, VXLAN, Ethernet, RSTP/ MSTP, PAP, CHAP, SNMP, F5 platform**, TCP**/IP, IPv4/v6 routing, FHRP, HSRP, EIGRP, OSPF, BGP, Multicast, MPLS, QoS-IP QOS**).
* Configured **Cisco 2500, 2600, 3000, 6500, 7500, 7200** Series routers & **ISR 4431, 3800, 3900**, ASR 1002X and 7600,9000, Highly experienced in configuring **Cisco Catalyst 2960, 3750, 4500, 6500** and **Nexus 2k, 5k, 7k** series Switches with strong knowledge on Cisco IOS, NXOS.
* In depth exposure on configuration and troubleshooting of **Spanning Tree Protocol (STP**),   Per VLAN Spanning Tree (PVST), Rapid STP (**RSTP**) and Rapid per VLAN Spanning Tree Protocol (**PVST+**).
* Extensive experience in configuring and troubleshooting of routing protocols **RIP v1/v2, EIGRP, ISE, OSPF and BGP**.
* Performed **OSPF** and **BGP** protocol administration and used redundancy protocols like **HSRP, VRRP**. Monitoring **MPLS CE** (Customer edge router) and **BGP sessions**.
* Having a very good exposure on Configuring & troubleshooting **MPLS VPN** circuits, **IP VPN**, Internet circuits.
* Experience in various environments - **UNIX, Linux, CLI, IOS / IOS-XR and Windows XP**
* Configured and managed **VLANs, 802.1Q Trunk**, **RPVST+**, **Inter-VLAN** routing, **HSRP** and **LAN** security for **Layer-2** and **Layer-3** switching domains.
* Involved in troubleshooting of **DNS, DHCP** and other **IP** conflict problems.
* Experience in troubleshooting **NAT** configurations, **Access-Lists** (**ACL**), and **DNS/DHCP** related issues within LAN Network.
* Experience with a scripting language (sh/ksh/perl/ruby/python/Power Shell)
* Have Strong Knowledge and experience in designing, supporting and troubleshooting of **IPSEC VPN's** and Remote access **SSL VPN'S**.
* Implemented traffic filters on CISCO routes using **Standard Access List** and **Extended Access List**.
* Provided engineering support for network infrastructure such as **proxies, load balancers, encryption, remote access servers (terminal servers/Citrix servers), and Remote client access**.
* **Network Admission Control (NAC**), **Identity Services Engineer (ISE)**, **VPNs, Ixia,** **SSL** accelerators, **WAN optimizers**, **DHCP** controllers, and performance analyzers).
* **Networking L2**, also known as the Data Link **Layer**, is the second level in the seven-**layer** OSI reference model for **network** protocol design  **TCP/IP,**
* Performed **IOS upgrades** on CISCO routers and Switches.
* Very good understanding on **Firewall technologies** including general configuration, risk analysis, security policy rules creation and modification of **Palo Alto**.
* Experience in working on cloud-based Technologies **like Azure & AWS** environments.

**Technical Skills:**

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| Routers | Cisco 17XX, 18XX, 26XX, 28XX, 37XX, 38XX, 39XX &72XX series. |
| Switches | Cisco 3550, 3750, 45XX, 65XX series, Nexus 7K, 5K, 2K and Dell 7k,6k,5k,3k,2k series |
| Load Balancer | Cisco CSS, F5 Networks,   Testing Expertise |
| WAN Optimization | Cisco WAAS, PPP Multilink |
| Routing | OSPF, EIGRP, BGP, RIP-2, PBR, Route Filtering, Redistribution, Summarization, Static Routing |
| Switching | VLAN, VTP, STP, PVST+, RPVST+, Inter VLAN routing & Multilayer Switching, Multicast operations, Layer 3 Switches, Ether channels, Transparent Bridging  |
| LAN | Ethernet, Fast Ethernet, Gigabit Ethernet, FDDI, IP QOS ,CDDI, Token Ring, ATM LAN Emulation |
| WAN | Leased lines 64k - 155Mb (PPP / HDLC), Channelized links (E1/T1/E3/T3), Fiber Optic Circuits, Frame Relay, ISDN, and Load Balancing. |
| Various Features & Cloud Services:  | IOS and Features, HSRP, GLBP, IRDP, NAT,ISE,IPv4/v6, SNMP, Agilent,SYSLOG, NTP, DHCP, CDP, DNS, TFTP and FTP Management. Feature  Testing Expertise, Azure.Gov, AWS, Cloud flare And Akami |
| IP Telephony | IP Telephony utilizing Cisco routers, FXO/FXS/E&M/T1/ISDN/ PRI/**,** Ixia, Call manager (publisher & subscriber) |
| AAA Architecture | TACACS+, RADIUS, Cisco ACS. |
| Security / Firewalls | Cisco ASA Firewalls 55XX, IPSEC & SSL VPNs, IPS/IDS, DMZ Setup, CBAC, Cisco NAC, ACL, IOS Firewall features, IOS Setup & Security Features |
| Juniper | EX-2200, EX-4200, SRX210, SRX240 |

**Work Experience**

# GDT (General Datatech), Dallas, TX-75247 November 2019 - Present

**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.
* Configure various LAN switches such as CISCO CAT 2900, 3550, 3850 4500, 6509 switches and Access layer switches such as Cisco 4510, 4948, 4507 switches for VLAN, Fast Ether Channel configuration.
* 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.
* Experience working on Cisco ACI.
* Installation of Cisco Nexus 5k, 7k and 9k switches, ACI Fabric, Arista switches.
* ACI Fabric nodes imaging, firmware upgrade and Cluster configuration of APIC controllers.
* Configuration and maintenance of routers, firewalls, and load-balancers. Include configuration of juniper ISG 2000, EX4200, F5 BIG-IP 3600, and Cisco 6500. Includes protocols such as MPLS, BGP, OSPF, and VRRP.
* Installed and configured the various platforms: Dell, Hewlett Packard, IBM Linux servers.
* Configured Multiprotocol Label Switching (MPLS) VPN with RIP on the customer's stage.
* Hands on experiences with configuration and implementation of NAT, Security Polices on Palo Alto (PA-5250, PA-3060) firewalls.
* Organized meetings and discussions regarding network optimization and BGP issues
* Implemented the numerous firewalls rules on the Checkpoint with both Hide Nat and Static NAT
* 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.
* Hands on Knowledge in implementing various features like User-IDs, High-Availability, IPsec Tunnelling in the Palo Alto firewalls.
* Handling project which involves replacing WAAS (Wide Area Application Services) devices in production network
* Provided BGP and firewall consulting to clients SRX240 and EX4200 implementation.
* 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.
* Experience with design and implementation of Virtual Switching System (VSS) for both User segment and server segment using 6509-V-E catalyst switches
* Configure remote access VPN using Palo Alto global protect and site to site VPN for secure connections.
* Hands on experience in configuring VDC, VPC and FCOE, upgrading NX-OS for Nexus Family Switches.
* Palo Alto design and installation, which includes Application and URL filtering Threat Prevention and Data Filtering.
* Configured Cisco ASR-9K, ISR 2800 & 3800 series routers with OSPF as an enterprise IGP
* Working on Juniper Contrail SDN cloud computing open networking open flow /ODL
* Network Troubleshooting and Diagnostics using Juniper Contrail for VPC
* Design and configuring of OSPF, BGP on Juniper Routers (MX960, MX480) and SRX Firewalls (SRX240, SRX550).
* 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.
* 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.
* 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.
* Configuring IPSEC VPN (site-site to Remote Access) on SRX series firewalls.
* Palo Alto design and installation, Understanding of Juniper EX/MX/SRX series architectures and JUNOS platform including hands on configuration.
* Palo Alto design and installation, which includes Application and URL filtering Threat Prevention and Data Filtering.
* Configured and maintained IPSEC and SSL VPN's on Palo Alto Firewalls.
* Hands on experiences with configuration and implementation of NAT, Security Polices on Palo Alto (PA-5250, PA-3060) firewalls.
* Juniper Contrail SDN controller based on BGP/L3VPN

**Environment:** Juniper MX480, Juniper PTX1000, GIT, Python, **,** Ixia, JINJA, Yam, OSPF, MPLS, BGP, IS-IS, AWS.

**Biogen, NC January 2018 - October 2019**

**AWS Cloud & Network Engineer**

* Providing gateway redundancy using HSRP & creating ACL for layer-3 security.
* Configuring and troubleshooting layer-3 routing protocols like OSPF, EIGRP&BGP.
* Worked with Sup 2E for 7018 switch and F cards for L2 switching and few M cards for L3 proxy routing purposes for F cards.
* Designed and installed new branch network systems. Resolving network issues, running test scripts and preparing network documentation.
* Develop and maintain vCenter Orchestrator automated workflows; work with team members supporting their development and operation of workflows.
* Diagnosis of VMware performance and perform VMware performance tuning.
* Review completion and implementation of system additions and/or enhancements and make recommendations to management and/or clients.
* Provide Tier III level support for network issues that come through the customer support center.
* Work independently and receive minimal guidance on work assignments.
* Schedules and perform VMware installations, patching and upgrades and maintains them in accordance with established client’s SLA and procedures.
* Analyze and execute VMware performance tuning strategies.
* Setting up and Managing Virtual Machines on AWS Cloud including working on EC2, Route53,RDS, Lambda.
* Deployed applications and host websites on AWS cloud involving blackboard.
* Migrated Virtual Machines and applications from on premises cloud to AWS.
* Worked with Nexus 6001T switch which is used for low port-to-port latency in the data center using cut-through feature architecture. And configured VPC+ on these switches along with Nexus 2200 Fabric extenders.
* Performing standard network operations via ITIL standard with Incident Management and Change Management.
* Configuring and managing layer-2 technologies like VLANs, STP, VTP, SONET& port-security.
* Creating IP-prefix-list, route-map, offset-list and distribution list for performing route manipulations.
* Worked on functional understanding of DNS DDOS, DOS threats, mitigation techniques and DNSSEC.
* Migrated catalyst 45XX and 65XX switches to Nexus 7000 switches, where 7018 being the core and 5000, 2000 as the distribution layer switches for data center requirements.
* Configured IPSEC Site-to-Site VPNs to provide secure remote access to vendors and partners using SPA modules on Cisco 6500.
* To secure configurations of load balancing in A10, F5, SSL/VPN connections, Troubleshooting CISCO ASA firewalls, and related network security measure.
* Experience with convert Checkpoint VPN rules over to the Cisco ASA solution. Migration with both Checkpoint and Cisco ASA VPN experience.
* Deployed Cisco 6500 series switches with SUP32 & SUP720 and, implemented VSS.
* Worked on Enterprise application load balancing using A10, F5 BIG-IP LTM 6400 and Cisco CSM. Worked with application and system teams to investigate application high availability requirements to deploy the optimum Load Balancing mechanism and provided network-oriented support for end-to-end application life cycle management.
* Hands on experience with Cisco 2960, 3500 series equipment and configuring them.
* Escalated customer problems to management and support groups utilizing standard escalation model.
* Experience in writing Infrastructure as code (IaC) in Terraform, Azure resource management, AWS Cloud formation. Created reusable Terraform modules in both Azure and AWS cloud environments.
* Expert Identity  in services such as Azure Kubernetes and AWS Elastic container service.
* Experience in Administration/Maintenance of source control management systems, such as Subversion (SVN), GIT and knowledge of Clear Case.
* Expertise in trouble shooting the problems generated while building, deploying and in production support.
* Configured DNS /NIC card issues and wall jack issues while troubleshooting IP addressing problems.
* Worked on Cisco Routers, Active /Passive Hubs, Switches, Cisco PIX Firewall, NAT and Checkpoint ESX/GSX firewall.

**Environment:** Check point Firewalls, ASA, Blue coat, VPN, VLANs, DMZ, Cisco IOS-XR, STP, RSTP, PVSTP, Citrix NetScaler, L2/L3 , VTP,IPv4and IPv6,HSRP, Ether-Channel, BGP,ISE, Agilent. OSPF, EIGRP, MPLS, ATM, Agilent, PPP, HDLC, SNMP,TACACS+.

**Huntington National Bank, Columbus, Ohio May 2016 - December 2017**

**Network Test Engineer**

**Responsibilities:**

* Installation and configuration of Cisco switches 3500, 4500, 6500 and routers 7200, 7600 and network management tools.
* Incorporate Cisco Nexus 9000 NXOS to ACI fabric to work in concert with existing Nexus 7000s and ASRs for Multi-Protocol Label Switching (MPLS).
* Worked on the Nexus 7K & 9K switches with Cisco ACI.
* Worked with creating VxLAN and subnets on the Nexus 9k switches.
* Implemented Virtual Device Context (VDC) and Virtual Port Channel (VPC) on the Nexus 9k switch.
* Responsible for the day to day operations for the F5 platform LTM and GTM to include all 3rd level troubleshooting analysis, configuration changes, upgrades and management. Provide support after hours via on call support.
* Use Solar Winds, Cisco Prime and IT Tracker to monitor both systems and Network appliance
* Configured Virtual Private Cloud on AWS for user file management and domains.
* Implemented MPLS routing on the 7k switch and configured for BGP routing as redundancy.
* Dealt with monitoring tools like (Solar Winds, Cisco Works), network packet capture tools like Wire shark.
* Experience with system administration in Linux and managing software like Apache or MySQL
* Implement monitor and alerting solutions to provide early detection of production outages.
* Work directly with application owners to understand and establish monitoring requirements.
* Worked with Aruba Clearpass and Aruba Central for setting up the access points.
* Setup of Access Point Groups on the Master Controller for Aruba.
* Configuration of routers and switches for OSPF, EIGRP and Load Balancing.
* Performed ASA/Checkpoint Firewall troubleshooting and policy change requests for new IP segments that either come on line or that may have been altered during various planned network changes on the network.
* Performed Configuration on ASR 9K Pairs includes HSRP, Bundle Ethernet Config, Assigning DHCP profiles.
* Worked with Microsoft active directory for user permissions and Access controls.
* Worked on ISE 802.1X, ISE wired/wireless guest and ISE implementations
* Upgraded Cisco 6500-E, 3560, and 2960 switches to IOS software that is on the ISE compatibility matrix.
* Installing and Configuring Cisco ASA 5505, 5540, 5585 firewall with firepower module.
* Administration and maintenance of the network domain.
* Used SIEM tool called Splunk SIEM tool to Analyse firewall logs and incident event analysis.
* Monitor mitigates threats using Cisco Firepower IDS/IPS using custom correlation events and built-in tools.
* Used Solar winds for network monitor for Netflow.
* Responsible for overall firewall configuration implementations and policy installations across all platforms during maintenance windows including Juniper, ASA, and Fortinet for major enterprise network.
* Configuration of Site to Site VPN using Cisco Client and support duties.
* Used various encryption methods like MD5, 3DES, etc. for creating IPSec Site to Site VPNs.
* Provide support for 2Tier and 3Tier firewall architecture, which includes various Checkpoint R77 Gaia, Cisco ASA firewalls and Palo Alto firewalls.
* Worked with PAN-OS incorporating the security zones and policy rules in Panorama 6.3.
* Installation of new firewalls as well as perform in place upgrades. Hardening the Check Point firewalls before moving them to Production.
* Worked on the migration of Cisco ASA 5520 Firewalls to Palo alto firewalls using Palo alto conversion tool.
* Experience in implementation and troubleshooting of protocols such as HSRP, VRRP, and ACL’s.
* Analyze and manage Storage Area Network using Brocade and McData director class SAN switches across the Eleven Data Centers.
* Designed and implementing the load balancing solutions.
* Experience in Configuration and troubleshooting of Cisco wireless network.
* Used Powershell for Linux/Unix Server based system management.
* Worked with Cisco OS, Windows based OS and Linux OS (Fedora, Ubuntu).

**Environment:**Cisco2948/3560/4500/3560/3750/3550/3500/29606500,Cisco3640/1200/7200/3845/3600/2800 routers, Agilent, Fortinet Nexus 7K/5K, F5 platform,  Testing Expertise, Cisco ASA 500,Identity Services Engine (ISE) Palo-alto windows server2003/2008: F5 BIGIP LTMOSPF,BGP,EIGRP,LAN,WAN,VPN,HSRP, F5 Load Balancers,NetFlow

**McKesson Corporation,** **San Francisco, CA November 2014 - April 2016**

**Network Engineer**

**Responsibilities:**

* Design and configuring of OSPF, BGP on Juniper Routers and SRX Firewalls.
* Managed large enterprise environment containing Palo Alto Firewalls, Checkpoint Firewalls, Bluecoat proxies, F5 LTMS/GTM, Cisco routers, Switches and Cisco ASA.
* Deployed, designed new infrastructure using checkpoint firewalls, Palo Alto, bluecoat proxies, f5 load balancer, and source fire devices.
* Experience in Palo Alto Panorama M-500 management server to manage all Palo Alto firewall centrally.
* Expertise in complete checkpoint suite and experienced in deploying/troubleshooting standalone, cluster or VSX environments
* Experience working on checkpoint next-Gen modules such as Application control and URL filtering.
* Experience in implementation of firewall rules on Juniper 5600 and Juniper SRX 3600 on a daily basis, using NSM, as well as CLI when needed.
* Performing checkpoint firewall OS upgrades using CLI, Splat and Voyager GUI.
* Maintaining Checkpoint security policies including NAT, VPN and Secure Remote access, Configuring IPSEC VPN (Site-Site to Remote Access) on SRX series firewalls.
* Worked with checkpoint appliances like 12400, 13500 series firewalls and creating IPsec VPN tunnels for many remote sites.
* Configuring and support of Juniper Net Screen firewalls and Palo Alto firewalls.
* Implemented identity awareness in production environment using checkpoint Identity agent and AD query resulting in intelligent access design aided by active directory integration.
* Working experience with Splunk to forward the Checkpoint Firewall and Bluecoat proxy logs.
* Configuration 7609, 7606 with OSPF and catalyst 6505, 4500, 3550 switches with various VLAN.
* Troubleshooting IOS related bugs based on past history and appropriate release notes.
* Worked on different connection medium like Fiber and Copper Connectivity.
* In-depth expertise in the implementation of analysis, optimization, troubleshooting and documentation of LAN/WAN networking systems.
* Planning and configuring the routing protocols such as OSPF, EIGRP, RIP, and Static Routing on the routers.
* Performed and technically documented various test results on the lab tests conducted.
* Planning and configuring the entire IP addressing plan for the clients' network.
* Assist the certification team and perform configuration of LAN\WAN technologies such as Ethernet, Fast Ethernet, and Gigabit Ethernet.
* Supported networks, which are comprised of 2000+ Cisco devices.
* Supported nationwide LAN infrastructure consisting of Cisco 4510 and catalyst 6513.
* Configured HSRP and VLAN trucking 802.1Q, VLAN Routing on Catalyst 6500 switches.
* Knowledge on AAA protocol.
* WAN Infrastructure running OSPF & BGP as core routing protocol.
* Configuration and troubleshooting of Cisco 2500, 2600, 3000, 6500, 7500, 7200 Series routers.
* Deployed the switches in high availability configuration with HSRP.
* Worked extensively in Configuring, Monitoring and Troubleshooting Cisco's ASA 5500.
* Understanding of JUNOS platform and worked with IOS upgrade of Juniper devices.
* Efficient at use of Microsoft VISIO/Office as technical documentation and presentation tools.
* Perform checkpoint firewall OS upgrades using CLI, Splat and Voyager GUI.
* Researched, designed, and replaced aging Checkpoint firewall architecture with new next generation Palo Alto appliances, serving as firewalls and URL and application inspection
* Maintaining Checkpoint security policies including NAT, VPN and Secure Remote access, Configuring IPSEC VPN (Site-Site to Remote Access) on SRX series firewalls.
* Worked with checkpoint appliances like 12400, 13500 series firewalls and creating IPsec VPN tunnels for many remote sites.
* Configuring High Availability using Cluster XL on Checkpoint as well as VRRP and monitor the Sync status for Stateful replication of traffic between active and standby member
* Create and test Cisco router and switching operations using OSPF routing protocol, ASA Firewalls, and MPLS switching for stable VPNs.
* Experience working with design and deployment of MPLS, involving VRF, Route Distinguisher (RD), Route Target (RT), Label Distribution Protocol (LDP).
* Experience working with Nexus 7010, 7018, 5020, 2148, 2248 devices.
* Experience working with High performance data center switch like nexus 7000 series.
* Performed load balancing and application level redundancy by deploying F5 BIG-IP LTM 3900.

**Environment:** Cisco 6506/4948/4510 switches, Cisco 3660/3845/7609 Routers, VLAN, Checkpoint, F5 Load Balancers, Bluecoat, OSPF, RIP, RIRP, BGP, MPLS, HSRP, VRRP, GLBP, ASA 5500,Nexus 2K,5K,7K.

**Synchrony Financial Corp, India March 2013 - October 2014**

**Network Administrator**

**Responsibilities:**

* Assisted the NETSUPP-TIE2 team and worked on the architecture and functioning of the Cisco 2600 series routers.
* Configured VLANS on different impetus switches performed investigating on TCP/IP system issues, Administered Frame-Relay and systems.
* Worked on configuring and troubleshooting IPSEC Site to Site, DMVPN, Remote VPN using different encryption methods.
* Configuring and troubleshooting QOS involving policing, shaping, shaping and queuing towards Core and towards CE and PE routers.
* Implemented firewall rules, policy changes, ACL, NAT and PAT, IPsec, VPNs routing changes on Fortinet Firewalls.
* Got familiarized and collaborated with dynamic call routing and its features, multi-provider environment, number portability and Internet routing evolution.
* Worked on Cabling in IDF/MDF and in Data centers with Copper and Fiber.
* Involved in customer escalations and troubleshooting issues related to connectivity, STP, VLAN, Trunking, VTP, Layer 2/3 switching, Ether channels, Inter-VLAN routing, log messages, high CPU utilization and parameters that can degrade performance of network.
* Familiarized with networking tools like CISCO IOS, Wireshark, Ping, Trace route, Speed Test.
* Experience in troubleshooting of Layer 2 features (VLAN, STP, RSTP, VRRP, and Ether Channel).
* Gained hands on experience with VLSM, STP, VTP, VLAN Trunking.
* Configuring STP for switching loop prevention and VLANs for data and voice along with configuring port security for users connecting to the switches.
* Configured VLANS on multiple catalyst switches performed troubleshooting on TCP/IP network problems, Administered Frame-Relay and networks.
* Performed IOS upgrades/Password recover on 2900, 3500 series Cisco Catalyst switches and 1800, 2600, 3600 series Cisco routers using TFTP.
* Implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, and Ether channel, STP, RSTP and MST,ISE.
* Maintained redundancy on Cisco 2600, 2800 and 3600 routers with HSRP.
* Worked on installation, maintenance, and troubleshooting of LAN/WAN (ISDN, Frame relay, NAT, DHCP, TCP/IP).
* Managed system backup and restoration protocols. Escalating issue to higher network teams.
* **Education: Bachelors in Computer Science Engineering from Dr M.G.R Educational and research institute in 2012**
* **References: Provided Upon request**