**Mahesh Y**

**Sr. Network Engineer  
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**PROFESSIONAL SUMMARY:**

Over 12+ years of IT experience and 9+ years of Network/Network Security professional worked on medium to large scale environments, enterprise and Data center networks. Performed roles of Senior Network Engineer, Operations and Deployment Engineer with Clients that includes Media, Automotive, healthcare and Cloud Providers. Expert in Switching, routing, Network Security, Application Delivery, Wireless Virtualization and SDN.

**CAREER HIGHLIGHTS:**

* Experienced in Network engineering with Cisco Certified Network Professional and Palo Alto certified network Security Engineer performing Network analysis, design, Implementing, capacity planning with a focus on performance tuning and support of large Enterprise Networks.
* Experience working on **Cisco Catalyst Series 3750, 4500, 6800, 6500, 9300, 9400, 9500.**
* Experience in layer-3 Routing and layer-2 Switching. Dealt with Cisco ACI, **Nexus models like 7K, 5K, 2K series, Cisco router models like 7200, 3800, 2800, 2600, 2500, 1800, 4300, 4400, 4500, ASR 1000 series.**
* Hands on experience with data center technologies that include spine, leaf, Cisco ACI, Arista Cloude vision.
* Knowledge of implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, Ether channel, STP, RSTP and MST. Implementation of HSRP, VRRP, GLBP for First Hop Redundancy.
* Responsible for Palo Alto and Cisco ASA firewall administration across global networks.
* Worked on F5 LTM, GTM series like 6400, 6800, 8800 for the corporate applications and **Cisco** load balancers (CSM, **ACE and GSS**).
* Proficient and high-level expertise using the F5 based profiles, **monitors, VIP’s, pools, SNAT, SSL offload, I Rules, virtual Servers, I APPs.** Migration experience from **ACE to F5**/ **old F5 to New F5.** Expert in **TMSH**.
* Support Citrix NetScaler F5 platform, configuring, implementing, & troubleshooting Citrix NetScaler VIP configuration with health check, policy configurations Access Gateway. Configuration of F5 GTM solutions, which includes Wide IP, Pool Load Balancing Methods, probers and monitors.
* Experience in troubleshooting Juniper EX Switches EX2200, EX2500, EX3200, EX4200, EX4500, EX8200 series.
* Expertise in installing, configuring and troubleshooting Juniper Routers (E, J, M and T-series)
* Design and configuring **Juniper Routers (MX960, MX480) and SRX Firewalls (SRX240, SRX550)**
* Enterprise Routing experience using protocols RIP v1 & 2, EIGRP, OSPF and BGP, IS-IS.
* Implementing security policies using Cryptography, ACL, SDM, PIX Firewall, IPsec, VPN, and AAA Security on different series of routers.
* Experience with Bluecoat Proxy servers, Zscaler Internet security and Zscaler private access. and Packet Shaper Systems.
* Operates and maintains (O&M) the Aruba ClearPass Policy Server and the Aruba Airwave Wireless Intrusion Detection System.
* Worked on Cisco WLAN controllers for configuration of AP profiles, Access points, RF parameters, 802.1x integration with ISE, SSID, BYOD policies, wireless VLANs on Distribution switches.
* Experience with Cloud Networks and migration projects in **AWS and Azure**. Automation using **Ansible.**
* Experience with different Network Management Tools and Sniffers like **Wireshark** (ethereal), **HP-Open view**, RSA envision, and Cisco works to support 24 x 7 Network Operation Center.
* Excellent customer management/resolution, problem solving, debugging skills and capable of quickly learning, effectively analyses results and implement and deliver solutions as an individual and as part of a team.
* Efficient at use of **Microsoft VISIO/Office** as technical documentation and presentation tools.
* Experience with **VMWARE NSX,** vSphere, vCenter, Configuration of switch ports for ESXi hosts. Worked with storage team on various projects.
* Microsoft Active Directory, NTFS permissions, AD Migration - clean up\ Support, remote Exchange O365.

**Education:**

* Post Graduate Diploma in Information Technology, 2009

**CERTIFICATION:**

* Cisco Certified Network Associate (CCNA)
* Cisco Certified Network Professional (CCNP)

**TECHNICAL SKILLS:**

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| **Networking Technologies:** | LAN/WAN Architecture, TCP/IP, Frame Relay, VPN, VLAN, VTP, NAT, PAT, STP, RSTP, PVST, MSTP, VDC,VPC,VxLAN,Fabric Path,OTV |
| **Networking Hardware:** | Cisco Switches, Cisco Routers, ASA/Pix/Palo-Alto/Fortinet/Juniper firewalls, Cisco WLC and Aruba Wireless |
| **Routing Protocols:** | OSPF, ISIS, EIGRP, RIP, MPLS, IS-IS, BGP, Multicasting |
| **Security Technologies:** | PAP, CHAP, Cisco PIX, Blue Coat, Palo Alto, ASA, Fortinet, Checkpoint, Zscaler ZIA, ZPIA |
| **Network Monitoring:** | SolarWinds, Wireshark, HR ping, Whatsup gold, Infoblox |
| **Operating Systems:** | Windows 7, Vista, XP, 2000, LINUX, Cisco IOS, IOS XR, IOS-XE, NX-OS, PAN-OS |
| **Routers:** | ASR 1001-X,1002-X,1002-HX, CSR 1000v, Juniper M & T Series |
| **Load Balancers:** | F5 Networks (BIG-IP), NetScaler (Citrix) |
| **Capacity & performance:** | Cascade Riverbed (Flow Monitor), WAN Killer |
| **Switches:** | CISCO 2960, 3750, 3850, CAT 4500,6500,6800,9300,9400, ACI Fabric, Nexus 9K,7k, 5k, 2k , Meraki MS390,MS350,MS350-24X |
| **Programming Languages:** | C, C++, Perl, Power Shell, Python |
| **Simulation Tools:** | GNS3, VMware, OPNET IT GURU, OPNET Modeler, Cadence |
| **Firewalls:** | Juniper Net Screen (500/5200), Juniper SRX (650/3600), Pix (525/535), ASA (5520/5550/5580), McAfee Web Gateway, Checkpoint, Palo Alto firewalls. |
| **First Hop Redundancy protocol** | HSRP, GLBP, VRRP |
| **AAA Architecture:** | TACACS+, RADIUS, Cisco ACS, ISE |
| **Features & Services:** | IOS and Features, IPAM IRDP, NAT, SNMP, SYSLOG, NTP, DHCP, CDP, DNS, TFTP and FTP Management, Open Stack, IVR’s, HLD and LLD documents, Dell equal logics |

**PROFESSIONAL EXPERIENCE:**

**Integris Health, OK            July 2022 – Till Date**

**Sr. Network Engineer**

**Description:** Worked on implementation team to support Data Centers all over the world. Solving the daily ticket on checkpoint firewall, Zscaler and Net Scaler. NetScaler load balancer is used for uploading certificates and binding them to the virtual servers.

**Responsibilities:**

* Worked on setting up tunnels from NetScaler devices to Zscaler cloud.
* Worked on setting up pzens locally for source IP anchoring.
* Worked on Zscaler policies, cloud app control policies, advanced threat, malware, sand box-based policies.
* Worked on Azure AD SAML authentication for Zscaler authentication and AD group-based policies.
* Worked on SCIM provisioning from Azure AD to Zscaler ZIA for users and groups sync.
* Worked on ZPA to replace traditional ssl vpn and configuration of Pac file.
* Worked on setting up connectors on prem, communication outbound from Connectors to ZEN nodes.
* Worked on configuration of access policies in zpa for various applications.
* Worked on ZPA browser based and zapp based access.
* Worked with Palo Alto firewalls PA250, PA5200, PA3020 using Panorama servers, performing changes to monitor/block/allow the traffic on the firewall. Technical assistance for LAN/WAN management and complex customer issues.
* Install, manage, and monitored large scale Palo Alto Firewalls through Panorama.
* Strong hands-on experience on ASA Firewalls, Palo Alto Firewalls. Implemented Security Policies using ACL, Firewall, IPSEC, SSL VPN, IPS/IDS, AAA (TACACS+ & RADIUS).
* Implemented Zone Based Firewalls and Security Rules on the Palo Alto Firewall. Exposure to wildfire feature of Palo Alto. Supported Blue Coat Proxy in explicit mode for users trying to access Internet from Corp Network.
* Palo Alto design and installation (Application and URL filtering, Threat Prevention, Data Filtering). Configured and maintained IPSEC and SSL VPNs on Palo Alto Firewalls.
* Experience configuring forwarding profiles, app profiles for ZPA and ZIA in ZAPP.
* Worked on setting up lss and NSS servers for log streaming and feed to local SIEM servers.
* Work with Load Balancing to build connectivity to production & disaster recovery servers through Citrix NetScaler.
* Use of Citrix NetScaler for the application delivery control.
* Implemented SSL offloading on NetScaler load balancer by uploading certificates and binding them to the virtual servers along with configuring proper SSL policies & cipher suites.
* Worked with different types of monitors on NetScaler load balancers to check the health of servers.
* For troubleshooting purposes, used diagnostics techniques available on the NetScaler GUI to run ns-trace and analyzed the trace using Wireshark.
* Worked extensively and responsible for the migration from Cisco ASA Firepower to Checkpoint firewall.
* Checkpoint ClusterXL for HA and fail-over for network reliability.
* Configure and manage LDAP User management with Checkpoint Smart Direct
* Implemented the policy rules and DMZ for multiple clients of the state on the Checkpoint firewall.
* Created and Managed Site VPN (IPSEC) and Client VPN (IPSEC, SSL) on Checkpoint R77.
* Worked on Bluecoat proxy server, Tipping Point Intrusion Protection System management.
* Experience in performing URL filtering and content filtering by adding URLs in Bluecoat Proxy SG’s.
* Worked on cisco catalyst 3750, 3850, 9K series, 4500-X, 6500, Nexus 2K, 5K, 7K, 9K, ASR 1K and 9K switches and Routers in Campus and Data center Topologies.
* Extensive use of Cisco Routers and Switches by using LAN & WAN routing protocol EIGRP, OSPF and BGP to manage network infrastructure worked with any complex routing and switching issues.
* Managed companies Wireless Infrastructure includes to create new SSID, Flex/HREP in Aruba WLC.

**Environment:** Z-scaler, Citrix NetScaler, Check point firewall R77, Bluecoat proxy. Wireshark, Nexus (9k,7k, 5k, 2k), cisco Meraki, Palo Alto 7080, Cisco firewall (5525-X, 5545-X), Cisco campus switches (4500, 6508-XL), Cisco catalyst switches (3850, 9300), SolarWinds, FortiGate firewalls (60E, 80E, 100E), Infoblox, routing protocols (EIGRP, OSPF, BGP), Aruba.

**Disney, NYC, NY Mar 2020 - July 2022**

**Sr. Network Engineer**

**Description:** I was hired to migrate from Cisco ASA Firewalls to Palo Alto with Next Gen Firewall Features. F5 LTM and GTM installation in primary and redundant data centers. Network operations on Nexus family, Juniper EX series switches. Worked on Infoblox, Panorama, SolarWinds NPM, NCM and IPAM. Operational migration support on cisco ACI, Supported Zscaler migration from Iron ports.

**Responsibilities:**

* Experience with configuring FEX using Cisco Nexus 5K & 2K in access layer. Configured Nexus 2000 Fabric Extender (FEX) which acts as a remote line card (module) for the Nexus 5k to connect servers and storage devices.
* Configuration and Administration of Cisco and Juniper Routers, Switches and mixed vendor Firewalls.
* Experience configuring VPC, VDC in Nexus 7010/7018, Nexus 5K and Nexus 9300, 9500 series.
* Possess good experience in configuring and troubleshooting WAN technologies like MPLS, T1, T3, DS3 and ISDN.
* Worked on implementing lab for SDN using Cumulus Linux for test-driving part of DC migration to SDN.
* Created documents for various platforms including Nexus 7k, ASR9k, and ASR1k enabling successful deployment of new devices on the network.
* Hands-on expertise with Ether Channel, Spanning Tree, Trucking, ACLs, Syslog. Expertise with the setup of HSRP, Access-Lists, and RIP, EIGRP, and tunnel installations.
* Experience with converting Checkpoint VPN rules over to the Cisco ASA solution. Migration with both Checkpoint and Cisco ASA VPN experience
* Used   App-Volumes   Application to provide efficient solutions for Horizon, Citrix- XenApp and Xen-Desktop, and RDSH virtual environment.
* Responsible for the IPAM (IP Address management) system for a very large WAN/LAN network (QIP) using SolarWinds IPAM and Infoblox DNS and DHCP servers. Experience with DHCP scopes, IP reservations, DNS host entries, pointers, delegations, Zones, DNS Sec etc.
* Design and Implementation Cisco/Meraki Enterprise Wireless solutions for corporate infrastructures
* Migrated to Juniper EX series switches from Cisco 3500 series and 6500 series switches.
* Deploying Cisco Aironet 2700, 3700 Series, Cisco Meraki Enterprise Cloud Access Points and Wireless Bridges/Repeater for LAN Expansions
* Supported Zscaler proxy project with configuration of policies, logging, blacklist policies on Zcloud. GRE tunnels from F5 to Zcloud, PAC file changes, testing ZAPP.
* Configured F5 LTM, series 5000 series for corporate applications and high availability. Implemented LTM and GTM in DMZ and Internal network. Worked on software versions up to 12.1.2. Experience with upgrading software and hotfix. Experience with APM and ASM modules.
* Worked on Cisco ACI, provisioning Leaf’s and Spine switches using Nexus 9K, Configuration through APIC. Expert with Tenants, VRF, Bridge Domains, subnets, APP Profiles, EPG, Contracts, Access group policies on cisco ACI for various segmentation purposes.
* Expertise in installing, configuring, and troubleshooting of Cisco Routers (3800, 3600, ASR 9k).
* Strong hands-on experience on, ASA Firewalls, Palo Alto Firewalls. Implemented Security Policies using ACL, Firewall, IPSEC, SSL VPN, IPS/IDS, AAA (TACACS+ & RADIUS).
* Configure VRRP & GLBP and VLAN Trunking 802.1Q & ISL, STP, Port Security on Catalyst 9300,9400 switches.
* Knowledge of JUNOS platform and worked with IOS upgrade of Juniper devices.
* Exchange O365 account administration\ troubleshooting, Exchange calendar/shared folder permissions and delegation.

**Environment:** Cisco ASA Firewalls, F5 ADC, Cisco 3900,4300,4400,4500 Routers, Cisco Catalyst switches 6500, 3750, 3550, 2960,4500,6500,6800,9300,9400 Switches, Juniper SSG-140, Palo Alto Wildfire, Juniper EX series switches, Nexus 9k, 7k, 5k, ASR 9k, ASR 1k, Nexus 2000 FEX, Juniper SRX, Routing Protocols: BGP, OSPF, AAA (TACACS+ & RADIUS), TCL Scripting, ACL Configuration.

**Boston Medical Center, Boston MA Oct 2017 - Mar 2020**

**Network Engineer**

**Project Description –** Works in a NOC team on Layer1/2/3 issues in the network. Worked on various cisco switches and routers. Assisted with troubleshooting all network issues with **Routers** and **switches** when necessary and consulted with on Call tech as needed for client. Works a part of network team where my daily tasks included configuring, monitoring and troubleshooting of TCP/ IP networks. Worked on Firewall rules, VPN tunnels. Includes Cabling and racking.

**Responsibilities:**

Worked on Cisco routers **7200, 3700** and Cisco switches **4900, 2900,** **experience on Arista 7150S,7160 series switches and 7508R Routers.**

* Installation and Configuration of Cisco Catalyst switches 9400 ,9300,9200,6500,4500 series and configured routing protocol OSPF, EIGRP, BGP with Access Control lists implemented as per Network Design Document and followed the change process as per IT policy.
* Maintained redundancy on Cisco 2600, 2800 and 3600 routers with HSRP. Configuration of CISCO Routers (2600, 2800 Series) and 3550, 4500 series switches.
* Deployed Nexus switches 2248, 5548, 7010 and implemented features like FEX Links, VPC, VRF, VDC, and OTV, Fabric Path
* Migrated Cisco ASA to Palo Alto 9.0 firewall using Palo Alto Migration tool (Expedition 2.0)
* Managed Palo Alto firewalls (PA-820/850/3020/3050/5050) by deploying Panorama management system, performed different operations on firewall to monitor/ block/ allow traffic.
* Managed Palo Alto firewalls not limited to managing multi VSYS instance, BGP peering, security policies management, threat prevention components of Palo Alto firewall.
* Key contributions include troubleshooting of complex LAN/WAN infrastructure that include configuring firewall logging, DMZs, related security policies, monitoring, documentation and change control.
* Create private VLANs, prevent VLAN hopping attacks, mitigate spoofing with snooping & IP source guard.
* Worked on SolarWinds NPM, NCM, IPAM, Windows DHCP and DNS. Infoblox as DHCP and DNS server.
* Enabled STP enhancements to speed up network convergence using Port-fast, Uplink-fast and backbone-fast.
* Configured SITE-TO-SITE VPN on Cisco routers between headquarters and branch locations.
* Implemented the security architecture for highly complex transport & application architectures addressing well known vulnerabilities and using access control lists on their core & failover firewalls.
* Experience with Supporting Network infrastructure in a data center environment which involves devices such as routers, switches, and wireless access points.
* Support Quality Inspections and Operational Test (OT) events related to the 2GWLAN Aruba Networks Controllers, and 3800, 1562, Access Points. (Aruba 6000 controller, Aruba AP65,70,124,85,125) system.
* Experienced in configuring Guest access using Aruba ClearPass and Web Authentication.
* configuring of port-channel between core switches and server distribution switches. Troubleshooting of DNS, DHCP and other IP conflict problems. Used various sniffing tools like Wire-shark.
* Hands on experience working with security issues like applying ACL’s, configuring NAT and VPN.
* Troubleshoot problems on a day-to-day basis & provide solution for problems within their Network.
* Schedule changes and work through maintenance requests over weekends.
* Assisted in troubleshooting LAN connectivity and hardware issues in the network of 100 hosts.
* Active Directory, DNS, and DHCP troubleshooting.

**Environment:** Cisco 2600/2800/3700/7200 routers, Cisco ASA, TCP/IP, VLSM, AD, DNS, Switching/Routing, **Cisco** Catalyst switches9400 ,9300,9200,6500,4500

**OTSI, Hyderabad, India Jul 2014 – Aug 2017**

**Network Operations Engineer**

**Description:** Worked on operations team to support Sprint Core network Data Centers all over the country. Worked on Cisco and Dell switching, routing. Multi-vendor firewalls, Proxies, Wireless LAN Controllers, LTE testing, wireless testing using proprietary tools of Sprint.

**Responsibilities:**

* Involved in implementation of trunking using Dot1Q, and ISL on Cisco Catalyst Switches.
* Worked on Nexus 5548, Nexus 2248, Nexus 2232, Cisco 12418, 12416 Cisco 7200VXR, Cisco 6513, and Cisco OSR, Cisco 4507 Routers, Cisco 6500, 4500, 3750 & 3560 switches.
* Installed and maintained Cisco 2901, 3925, 7500, 7200, 12000 backbone routers with HSRP and various IGP routing protocols such as RIP, EIGRP, and OSPF.
* Configured and deployment of routing protocols RIP, OSPF, EIGRP & BGP over Cisco Routers in Production environment and manipulated routing updates using route-map, distribute list and administrative distance for on-demand Infrastructure.
* Responsible for performing Active wireless designs/site surveys with Air Magnet Planner (Cisco 3700/ 600 access points) and conducting physical wireless site surveys with Air Magnet Survey.
* Responsible for conducting physical wireless site surveys with Air Magnet Survey Pro and predictive site surveys with Cisco WCS and Air Magnet Planner.
* Site surveys with Cisco WCS and Air Magnet planner, system design, deployment, implementation, migration, support, troubleshooting of Cisco/802.11/b/g/n/ac wireless local area networks (WLAN).
* Configured DMZ Wireless controller for guest users. Documentation of all data such as technical reports and bill of materials.
* Configuring Management port Interface and Service port Interface on Virtual Wireless controllers 5508 and 5520 for lab and staging of AP’s.
* Worked extensively in Configuring, Monitoring and Troubleshooting Cisco's ASA 5500.
* Designed, Configured and implemented VPN tunnel with IPsec and GRE and Cisco ASA based security infrastructure.
* Experience in Designing and assisting in deploying enterprise-wide Network Security and High Availability Solutions for ASA.
* Proficient with segmentation, isolation, and micro segmentation networking concepts, Firewalls, NAT, SNAT, DNAT, and Load Balancing technologies.
* Involved in implementation of overall security system including access-list and NAT design for various Cisco access lists, a RADIUS/TACACS+ AAA server, a Linux syslog server and network monitoring using SNMP.
* Experienced with NSX Micro-segmentation which provide intrinsic security capabilities through a purpose-built security architecture with NSX,
* Experience configuring and maintaining VMware vSphere virtual server infrastructure Troubleshoot the Network Issues onsite and remotely depending on the severity of the issues.
* Used network analyzers like Wireshark, ethereal and sniffer for packet analysis.
* Performed Break Fix support through driving to different buildings, identifying the root cause of the hardware issues with switches, routers.
* Involved in Local Area Network (LAN) design, troubleshooting, and maintenance as per company’s requirements.
* Worked with sniffing tools like Ethereal to analyze the network problems.
* Worked on LTE signal testing, benchmark testing using tools like NEMO, XCAL, TEMS etc.
* Worked on design, configuring and managing of Blue Coat Proxy Servers. Experience with F5 load balancers and Cisco load balancers (CSM, ACE and GSS). Configured Cisco Access Control Server (ACS) to enforce security policy in User Groups.
* Administration of network devices holding various servers of Windows, Linux/Unix platforms (physical & virtual servers).
* Maintenance and troubleshooting of network connectivity problems using PING, Trace Route.
* Troubleshoot issues related to VLAN, VLAN Trunking, HSRP failovers, related issues.
* Network layer tasks included configuration of IP Addressing using FLSM, VLSM for all applications and servers throughout the company.
* Implemented various Switch Port Security features as per the company’s policy.
* Provided technical support for expansion of the existing network architecture to incorporate new users.

**Environment:** Cisco 3925, 2620, 1900 routers, Cisco 3750, 2950 Switches, Routing protocols: EIGRP, RIP, OSPF, BGP, FHRP: HSRP, Sniffing Tools: Ethereal, Wireshark, Port Security, SRX Firewall, VLAN, 802.1Q Trunking, Cisco ASA 5500.

**Vertex Computer Systems Inc, HYD, IND Jun 2012 – May 2014**

**System Administrator**

**Responsibilities:**

* Managing and troubleshooting of VMware ESXi, Windows Server 2008 Server 2012, Windows Custer, DNS, ILO, and HPSA.
* Analyzes, logs, tracks, and resolves software/hardware matters of significance pertaining to servers, and applications to meet business needs.
* Upgrades system software and hardware components as required to meet business needs, coordinates backups. Ensures upgrades are occurring in accordance with established parameters.
* Design, Implementation and Troubleshooting of VMware ESX 5.5/5.0/4.1 Hosts, VMware vSphere virtual center. P2V and V2V conversions by using VMware Converter.
* Develop, automate, and implement operations, best practices using PowerShell.
* Installed, configured, and managed servers, workstations, LAN equipment, Microsoft Windows Server 2008-2012 R2, Active Directory, Microsoft Exchange 2010, Microsoft TMG 2010, corporate antivirus software, Microsoft Windows 7.
* Installation, configuration, and support for Windows 2008/2012/2012R2and 2016 servers.
* Responsible for administering and supporting Citrix server environment on Windows servers 2008/2012.
* Administration of VMware ESX and ESXi Servers on HP Chassis 7000, DL380P GN8.
* Physical Servers to Virtual Server and Virtual to virtual - using VMware Converter.
* Wrote PowerShell scripts and used them to manage VMware environment.
* Implemented patch management with the use of WSUS with PowerShell and batch patch automation tools.
* Cisco Unified Computing Systems implementation and configuration specific to vSphere, for compute platform high availability, redundancy, and elasticity
* Technical Lead for numerous successful data center consolidation and migration efforts, involved in designing, planning, testing, managing, and executing using various technologies including LAN/wan replication, physical to virtual (P2V), server rebuilding, and lift and shift.
* Installed and configured IIS 5.0/6.0/7.0 Web services and Cluster services.
* Experience with working on several computing platforms like Cisco UCS and HP, Dell Blades
* Data Center implementation as per the design plan using Cisco UCS Virtualization environment (UCS 5108)
* Created WWPN, MAC, UUID pools in the UCS Manager as required.
* Also used PowerShell scripts to automated server builds for both physical and in VMware ESX 5.5 environments
* Upgraded ESXi servers, Nexus devices and Cisco UCS as part of RCM upgrades.
* Performing initial Cisco UCS cluster setup and provide management IP addresses for blade servers.
* Cleaning up space in directories whenever the disk space exceeded the threshold in open systems.
* Using the Active Directory to maintain the GPOs for both users and workstations.
* Using the Power CLI commands to restart, shutdown, power off, reset the VMs.
* Troubleshooting of complex LAN/WAN infrastructure that include routing protocols EIGRP, OSPF & BGP, MPLS