

Nirav patel

Network Engineer - eBay

Dallas, TX - Email me on Indeed: [indeed.com/r/Nirav-patel/3806b9536261f1aa](https://www.indeed.com/r/Nirav-patel/3806b9536261f1aa)

- 8+ Years of experience in networking, security, installing, configuring and maintaining network devices.
- Good understanding of networking concepts such as routing protocols, VLANs, IP address management and network security.
- Experience in cisco Routing, Switching and Security with strong Cisco hardware/software experiences with Cisco Routers such as 1900, 2900, 3900, Cisco ASR-1k/9k, Cisco Multilayer Switches 4500, 6500, Cisco Nexus 2k/5k/7k/9k.
- Expertise in Configuration of VLANS, using Cisco Multilayer switches and supporting STP, RSTP, PVST, RPVST along with troubleshooting of inter-VLAN routing and VLAN Trunking using 802.1Q.
- Proficient in using firewall technologies including general configuration, security policy, rules creation and modification of cisco ASA, Juniper SRX and checkpoint.
- Experience with R&S networking. Strong routing and switching capabilities.
- Strong experience in creating firewall policies as per the requirements on Checkpoint, Palo Alto, Cisco ASA, Juniper and Fortinet firewalls.
- Strong understanding of current and future technologies including TCP/IP, IPv4/v6, RIP, EIGRP, OSPF, BGP, Frame Relay, ACL, VPN, Wireless LAN and configuration of VLANs.
- Experience with Cisco IOS, cat OS, Cisco IOS XR.
- Expert level knowledge in IP Routing and WAN protocols (BGP, EIGRP, OSPF, ISIS).
- Proficiently implemented traffic filters using Standard and Extended access-lists, Distribution lists, Route-maps and Route Manipulation using offset-list.
- Great knowledge and good hands on experience in CISCO source fire and its products.
- Expertise in IP Subnetting and worked on various designing and allocating various classes of IP address to the domain.
- Configured Infoblox failover using infoblox DHCP that is based upon ISC DHCP modes on f5 management system.
- Network security including NAT/PAT, ACL, VPN and IPSEC on DMVPN (GRE Mode).
- Expert level internetworking troubleshooting in a large-scale network environment. Undertake support as designated Advanced Services engineer for large-scale networks.
- Extensively worked on Cisco catalyst 6509 and implemented VSS along with VDC and VPC on Nexus 5505, 7009 switches.
- Experience in configuring and Troubleshooting BIG-IP F-5 load balancer LTM.
- Worked extensively on Data Center Palo Alto firewalls and F5 BIG-IP LTM.
- Experience with convert Checkpoint VPN rules over to the Cisco ASA solution. Migration with both Checkpoint and Cisco ASA VPN experience.
- Experience with design and troubleshooting in complex network environments.
- Expertise in OSI layer model/TCP/IP.
- In-depth understanding of UDP and TCP protocols.
- Access control server configuration for RADIUS and TACACS+.
- Responsible for check point and Cisco ASA firewall administration across global networks.
- Worked on ASR 1000 series routers.
- Worked on Juniper devices like M, MX,T routers on advanced technologies like, MPLS VPNs, TE and other service provider technologies.
- Worked on Load balancer F5 LTM, GTM series like 6400, 6800, 8800 for the corporate applications and their availability.
- Established relationships and network connectivity with vendors via site to site VPN.

- In-depth knowledge and hands on experience in Tier-2 ISP Routing policies, Network Architecture, IP Subnetting, VLSM, TCP/IP, NAT, DHCP, DNS, Firewalls.
- Configure all Palo Alto Networks Firewall models (PA-2k, PA-3k, PA-5k etc.) as well as a centralized management system (Panorama) to manage large scale Firewall deployments.
- Adept in handling network monitoring tools such as Wireshark, Netflow, SNMP and SYSLOG.
- Highly motivated with the ability to work independently or as an integral part of a team and committed to highest levels of profession.
- Experience on project management, implementation and customer requirements.
- Good interpersonal and communication skills, working with customers on solving network problems in a timely manner.

Willing to relocate: Anywhere

Sponsorship required to work in the US

WORK EXPERIENCE

Network Engineer

eBay - San Jose, CA - September 2016 to Present

Responsibilities:

- Design and architect traffic flows in BGP using standard and extended access-lists, Distribute-list and Route Maps, MED and Local Preference to load balance traffic across multiple ISP links.
- Designing, Implementing LAN/WAN configurations on Cisco Nexus 5k, Catalyst 6500 switch.
- Designed and rebuilt two data centers and deployed Cisco Nexus and ASR and utilized BGP, EIGRP, VRF and IPsec tunnels to provide fully redundant services.
- Configuring and resolving various OSPF issues in an OSPF multi area environment.
- Configured and designed Access layer switches such as Cisco 4510, 4948, 4507 switches.
- Installed and configured Cisco ASA 5500 series firewall and configured remote access IPSEC VPN on Cisco ASA 5500 series.
- Migrated and implemented new solutions with Cisco ASA Firewall (5500) series.
- Experience configuring VPC, VDC and ISSU Software upgrades on Cisco Nexus 7010.
- Troubleshooting of protocol based policies on Palo Alto firewalls and changing the policies as per the requirement and as per traffic flow.
- VLAN configuration, Troubleshooting and Firewall ACLs and Object-Groups configuration and support.
- 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.
- Configuring/Managing Intrusion Prevention System (IPS): Cisco IPS/Fortinet & Checkpoint UTM.
- Expert level works on: IP internetworking, LAN/Data Center Switching, WAN protocols (Frame Relay, ISDN).
- BGP, IGRP, EIGRP, and IP.Setting up connections local and remote.
- Configured IPSEC VPN (site to site remote access) on SRX series firewall.
- Managing F5 BigIP Load balancers, Blue Coat Proxies and Riverbed WAN Optimizers.
- Implemented SNMP on Cisco routes to allow for network management. Completed the installation and Configuration of CSU/DSU, T1, T3 & OC3 circuits.
- Configured and maintained Cisco Catalyst Switches 6500, 4500, 3500, 2900 series, Cisco Nexus Switches 7K/5K.
- 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.
- Build out and integrated Cisco ISE at 2 data centers.
- Configured and maintained IPSEC and SSL VPN's on Palo Alto Firewalls.
- Redistributed RIP EIGRP and OSPF for connectivity with different LAN networks.
- Configuration and maintenance of PIX and ASA firewall systems.

- Guided a team of 15 junior Network Engineers for deployment of Cisco LAN/WAN/WLAN infrastructure.
 - 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.
 - Configuring, maintaining and troubleshooting with Fortinet firewall and security.
 - Troubleshoot local and remote VPN access to multiple EMR and billing applications residing in Data Center.
 - Configuring, testing, troubleshooting multiple vendor device platforms like Cisco routing and switching: Cisco ASR9010, ASR901, ASR903, Catalyst Cisco 7609, 2960, and Juniper routing and switching devices: MX960, MX 480 and SRX5200, ACX2200, ALU service aggregation router: 7705 SAR 8 and 7750 service router.
 - Configure Cisco switches, wireless access points and wireless LAN controllers to meet network design.
 - Configured DHCP scopes for voice and data VLAN segments.
- Checkpoint VPN-1/ Firewall-1, Standalone & Distributed setup, Security management, Log server, License management. Provider-1 and VSX gateways with cluster.
- Configured OSPF, EIGRP and RIP on CISCO devices resulting in end to end connectivity.
 - Support of firewall technologies includes Fortinet firewalls. Administration, troubleshooting and engineering background is required.
 - Provided tier 3 support for Check Point Firewall-1 software to support customers.
 - Conversions to BGP WAN routing, which will be to convert WAN routing from OSPF to BGP (OSPF is used for local routing only) which involves new wan links.
 - Configure/upgrade wireless access points and am familiar with Cisco wireless controllers.
 - Worked with Cisco Layer 3 switches 3750, 4500, 6500; Cisco Nexus 2248, 5548, 6001 and 7018 in multi VLAN environment with the use of inter-VLAN routing, 802.1Q trunk, ether channel.
 - Configuration and troubleshooting of Cisco catalyst 6509, 7613 with supervisor cards.
 - Configuring rules and Maintaining Palo Alto Firewalls & Analysis of firewall logs.
 - Experience with configuring Nexus 2000 Fabric Extender (FEX) which acts as a remote line card (module) for the Nexus 5000.
 - Configuring the F5 LTM both by the GUI and Tmsh scripts. Composition of Virtual Servers, Pools, and Nodes in accordance to the application.
 - Created dedicated VLANs for Voice and Data with QoS for Prioritizing VOICE and DATA.
 - Responsible for the configuration of Cisco Routers (7000, 5300, 4000, 2500, 3000, 2600) using RIP, IGRP, OSPF, EIGRP, BGP.
 - Adding security rules and pushing the security policy on Checkpoint and Fortinet consolidated.
 - Experience with convert Checkpoint VPN rules over to the Cisco ASA solution. Migration with Cisco ASA VPN experience.
 - Experience using Checkpoint R65.4, Cisco PIX and ASA5520, 5540, 5585. Juniper JUNOS
 - Experience with converting Cisco 6500 IOS to Cisco Nexus NX-OS in the data center environment.
 - Redistribution of OSPF and EIGRP into BGP with the correct tagging parameters from the old legacy network to route and to utilize the correct MPLS VRF VPN's provided from the bearers.
 - Implemented, Configured BGP WAN routing, converting OSPF routes to BGP (OSPF in local routing).
 - Expertise in maintenance of layer 2 switching tasks- VLAN, VTP, RSTP, configuration of etherchannel with LACP and PAGP along with troubleshooting of inter-VLAN routing.
 - Implemented Cisco Ironport Security Management Appliance and Ironport ESA in DR site to provide redundancy across data centers for email flow.
 - Administered the operations of LAN/WAN related network services.
 - Checkpoint, Cisco ASA, Fortinet and Palo Alto installation, upgrade, Monitoring and patch management.
 - Experience with configuring Nexus 2000 Fabric Extender (FEX) which acts as a remote line card (module) for the Nexus 5000.
 - Implemented various nexus 5k's with 2k FEX's.

- Configure Cisco ASR 9001/9010/9910 and Catalyst 6509 routers for L3 VLANs with HSRP and advertise network in BGP and OSPF in complex DC environment.
- Conducted site surveys and installation of wireless Area network.
- Involved in Configuring and implementing of Composite Network models consists of Cisco 7600, 7200, 3800 series and ASR 9k, GSR 12K routers and Cisco 2950, 3500, 5000, 6500 Series switches.
- Installed high availability Big IP F5 LTM and GTM load balancers to provide uninterrupted service to customers.
- Guided a team of 15 junior Network Engineers for deployment of Cisco LAN/WAN/WLAN infrastructure.
- Responsible for service request tickets generated by helpdesk in all phases such as troubleshooting, maintenance, upgrades, patches and fixes with all around technical support.
- Configure Cisco ASR 9001/9010/9910 and Catalyst 6509 routers for L3 VLANs with HSRP and advertise network in BGP and OSPF in complex DC environment.
- Monitor, support and troubleshoot network and all LAN\WAN Activity using Wireshark.
- Configured routers/ firewalls to allow voice and video traffic priority (QoS) Voice network planning, design, and standard configurations.
- Supporting EIGRP and BGP based PwC network by resolving level 2 and 3 problems of internal teams and external customers of all locations.
- Configuration and management of Cisco ASA firewall(5510, 5520), Fortinet 3061C, 400,800,300c, 100,40C, 80c firewalls, Checkpoint N-70,75, 76, SRX Juniper, etc..
- Installation of checkpoint Next-Generation firewall GAIA R76/77.30 in Open Server, UTM.
- Estimated project cost and created documentation for project funding approvals.
- Worked with testing (QA) team on few security features such as flexible authentication (802.1x mac-authentication and web-authentication).
- Administer and implement firewall policies in Palo Alto Networks, Cisco ASA's and other vendor specific appliances.
- Design and deployed F5 LTM and GTM load balancer infrastructure per business needs from the ground up approach.
- Created and delivered internal training on BGP.
- Doing the Cisco ISE deployment configuration on 3850s.
- Responsible for configuration, maintenance, and troubleshooting of dynamic routing protocols: BGP, OSPF & EIGRP (route redistribution, distribute lists, route-maps, offset-lists, prefix lists, route).
- 802.1x Authentication for User Authentication and Machine Authentication with Microsoft Active Directory involving multiple Domains and Active Directory with machine and user objects, and with different Organizational Units.
- Replaced old 6500 and WAN routers from DR testing site and Installed Nexus 7K.
- Implementing Routing and Switching using the following protocols; IS-IS/OSPG, BGP on Juniper M series routers.
- Involved in design, implementation and configuration of HSRP for load balancing on L3 switches on different location of office on the switched network.
- Designed datacenter upgrade from old Catalyst to Nexus 9000/2000 Fabric solution increasing efficiency.
- Experience with Cisco LAN controllers (8500, 5760, 5500) Cisco Aironet Access Points (3700, 2700, 1600, 700W), Cisco Mobility Platform.
- Successfully configured Windows Server 2008 with DHCP, Active Directory, and NPS in support of testing secure 802.1x authentication.
- Performed network testing using Load Runner at corporate office to ensure that employees were able to access the network infrastructure in the office from the remote areas without any difficulties.
- Configured ACL's to allow the right users to access the different applications all over the company.
- Experience with converting checkpoints VPN rules over to the Cisco ASA Solution. Migration with Cisco ASA VPN experience.

- Advanced proficiency with Cisco Wireless (APs, Controllers, ISE, Prime).
- Managed the F5 BigIP GTM/LTM appliances to include writing i-Rules, SSL offload and everyday task of creating WIP and VIPs.
- Provide level 3 technical support for customers on the Juniper routing product lines, including MX, M, T, and ACX series router.
- Worked on Route-Reflectors to troubleshoot BGP issues related to customer route prefixes and route filtering using Route-maps.
- Configuration and troubleshooting of Site to Site as well as Remote Access VPN on Cisco ASA and Checkpoint firewall MDS.
- Have applied ACLs for Internet access to servers using Cisco 5550 ASA firewall and performed NAT.
- Worked on WAN (ATM/Frame Relay), Routers, Switches, TCP/IP, Routing protocols (BGP/OSPF) and IP addressing.

Network Engineer

AT&T - Redmond, WA - October 2015 to September 2016

Responsibilities:

- Design MPLS VPN and QoS for the architecture using Cisco multi-layer switches.
- Design and implemented campus switch network with Layer 3 switches(3750, 4500 and 6500) in multi VLANs environment and inter-VLAN routing, HSRP, ISL trunk, Etherchannel.
- Configured and troubleshoot Enterprise Routers, CISCO ASR 9K, CISCO 2900 and 2800 series Routers. Hands on experience with Cisco call Manager Express, Cisco Voice over IP.
- Successfully installed Palo Alto PA 3060 firewalls to protect Data Center and provided L3 support for routers/ switches/firewalls.
- Deployed and maintained routing protocols such as OSPF, EIGRP, BGP, GRE, MPLS/VPN, HSRP and static routes on Cisco routers and switches and Juniper routers
- Configuration scenarios include routing (RIP, EIGRP, OSPF, BGP), bridging (STP, VLAN, HSRP), MPLS VPN, Network Security (VPN, Firewall, IDS), IP telephony (call manager, CME, voice Gateways).
- Worked with customers to define, plan and execute technology solutions that are specific to their needs. Deployment and configuration of F5 BIG IP load balancer (LTM, GTM, ASM, and APM Modules).
- Configuration and maintenance of routers, firewalls and load-balancers.
- Configured IP RIP, PPP, BGP and OSPF routing.
- Worked on conversions to BGP WAN routing, which will be to convert WAN routing from OSPF to BGP (OSPF is used for local routing only) that involves new wan links.
- Have configured ACI for remote Authentication in the respective organization, Manage project task to migrate from Cisco ASA firewalls to Checkpoint firewalls.
- Deployed Nexus switches 2248, 5548, 7018 and implemented features like FEX Links, VPC, VRF, VDC, and OTV, Fabric Path.
- Deployed and maintained IS-IS on Cisco and Juniper routers.
- Providing technical security proposals, security presentation, installing and configuring Checkpoint and Palo Alto firewalls, VPN networks and redesigning customer security architectures.
- Involved in Configuration of Access lists (ACL) for the proper network routing for the B2B network connectivity
- Increase overall productivity by monitoring and troubleshooting network infrastructure including data and voice(VoIP) networks, routers, Ethernet switches, firewall configurations, virtual private networks (VPN) and data communication carrier services
- Involved in the configuration of the Nexus 2248 Fabric Extender (FEX) module on the Nexus 5000 to connect servers and storage devices.
- Implement changes on switches, routers, load balancer (F5 and CSS), wireless devices per engineer's instructions and troubleshooting any related issues.
- Worked on Checkpoint Firewalls Clusters of both High-Availability and Load-Sharing.

- Installing, Configuring and troubleshooting Cisco Routers (ASR1002X, 3945,3845, 2800, 3600) and switches to perform functions at Access, Distribution and Core layers.
- Performed corporate data center refresh project by replacing existing Catalyst based legacy switches to Nexus 7000s, 7100s, 5000s, 2000s & Nexus 6000.
- Configured routes on Palo alto firewalls 3060, 5060, 7050.
- Use and maintain routing protocols EIGRP, OSPF and BGP on the Routers in the network & worked on BGP Route Reflectors, Confederations.
- Experience with Firewall Administration, Rule Analysis, Rule Modification.
- Performed configuration and maintenance of Cisco 3800, 3600, 2800, 1800 series routers and Cisco 2900, 3500, 6500 series switches using command line and SDM.
- Performed network maintenance checks as well as configured and maintained printers, copiers and other miscellaneous network equipment.
- Configuring of checkpoint Security gateway & management server.
- Configured RIP, OSPF and Static routing on Juniper M and MX series Routers.
- Administer and implement firewall policies in Palo Alto Networks, Cisco ASA's and other vendor specific appliances
- Troubleshoot traffic passing managed firewalls via logs and packet captures.
- Worked with customers to define, plan and execute technology solutions that are specific to their needs. Deployment and configuration of F5 BIG IP load balancer (LTM, GTM, ASM, and APM Modules).
- Implement and configured VRRP/GLBP (on distro/core switches), HSRP on different location of office on the switched network and managing the entire multilayer switched network.
- Switching tasks include VTP, ISL/ 802.1q, IPSec and GRE Tunneling, VLANs, Ether Channel, Trunking, Port Security, STP and RSTP.
- Implemented Voice VLANs, UDP, SIP and RTP and provide QOS by DSCP and IP precedence.
- Security control using AAA, radius server, access-list, prefix-list, dynamic list, DHCP server maintenance
- Identify, design and implement flexible, responsive and secure technology services.
- Involved in Data Center migration of Cisco Catalyst Series 4500, 6500 switches with the new Nexus Switches 2148,5548,7010 using F3/M3 line Cards with 10 GE and 40 GE interfaces and supervisor 2E.
- Experience working with Nexus 7010, 5020, 2148, 2248 devices
- Configured VTP, Per Vlan Spanning Tree Protocol (PVST), VLANs and interVLAN routing.
- Implementing and designing Citrix Secure Gateway, Configuring Access Gateway, Securing XenApp, STA and XML servers.
- Configuring rules and Maintaining Palo Alto Firewalls & Analysis of firewall logs using various tools.
- Adept installing, configuring and troubleshooting Citrix Secure Gateway, Clustering, Citrix Resource Manager, Citrix password manager, Edge-sight tools and good knowledge about Net-Scaler tools.
- Manage Cisco ACS entries for Wireless Connectivity.
- Worked on Juniper MX240 and MX480.
- Working on different modules of Checkpoint Next Generation firewall R77.30 such as IPS, Application control and URL filtering, Identity Awareness , DLP and IPsec VPN.
- Implement changes on switches, routers, load balancer (F5 and CSS), wireless devices per engineer's instructions and troubleshooting any related issues.
- Upgraded Roger Management Network Security appliances with Cisco Firewall ASA 5580, IDS, network management tools Ciscoworks (VMS, LMS, CSM), IDS/IPS.

Network Engineer

Transit Geo System Integrators - IN - December 2013 to September 2015

Responsibilities:

- Designed Configured, Installed, and Maintained and provided T-Shoot the network infrastructure for Cisco platform for more than 300 devices i.e. 2800, 3600 series Routers and switches for office and for various Customers.
- Migration of RIPv2 to OSPF, BGP routing protocols.
- Implemented Zone Based Firewalling and Security Rules on the Palo Alto Firewall.
- Troubleshoot problems on a day to day basis and providing solutions that would fix the problems within their network.
- Configured EIGRP for Lab Environment.
- Configured RSTP, LACP and VTP on Cisco devices.
- Created VLAN and Inter-VLAN routing with Multilayer Switching.
- Palo Alto IPS change control mgmt.
- Designing Solutions for frozen requirements using Cisco Routers and Switches.
- Implemented ISL and 802.1Q for communicating through VTP.
- Working with client team to find out requirements for their network.
- Fourth tier troubleshooting, support and implementation for DNS/DHCP.
- Involved in Troubleshooting IP addressing Issues and Updating IOS Images using TFTP.
- Experience in deploying EIGRP/BGP redistribution and the changing the metrics for the primary and back up.
- Performed RIP and OSPF Routing Protocol Administration.
- Installing, Configuring Cisco Catalyst switches 6500, 3750 and 3550 series and configured routing protocol OSPF, EIGRP, BGP with Access Control Lists implemented as per Network Design.
- Maintained Redundancy on Cisco 2600, 2800 and 3600 router with HSRP.
- Other responsibilities included documentation and support other teams.

Network Analyst

Softtech Global Solutions - October 2011 to December 2013

Responsibilities:

- Working on Network support & implementation related internal projects.
- Ensure network, system and data availability and integrity through preventative maintenance and upgrade.
- Responsible for Configuring SITE_TO_SITE VPN on Cisco ASA 5500 series firewall between Head office and Branch office
- Performed migration activity from CSS to ACE using CSS2ACE conversion tool.
- Manage all network and firewall devices which includes Cisco routers, switches, Check Point, Cisco PIX, Cisco ASA, Cisco FWSM and F5 Load Balancer in enterprise environment.
- Supporting OSPF based network by resolving level 2 problems of internal teams & external customers of all locations.
- Upgraded Nexus OS on Nexus5k.
- Provided technical support for full setup, debugged the problems of OSPF, switching and HSRP.
- Working knowledge of Firewall service module FWSM UPGRADE, FWSM RULESET conversion
- Router memory & IOS upgrade using TFTP
- Experience working Juniper T-Series, M-Series, MX-Series, J-Series Routers
- Worked on commissioning and decommissioning of the MPLS circuits for various field offices.
- Configured and debugged policy based routing for special traffic, route filtering with route maps, route redistribution.
- Implemented Site-to-Site VPNs over the internet utilizing 3DES, AES/AES-256 with PIX Firewalls
- Configure VLAN Trunking 802.1Q, STP, and Port Security on Catalyst 6500 switches.
- Install and maintain routers and switches in various network configurations supported VLANs, and advanced ACL.
- Worked on various Nexus Products Nexus 7010, Nexus 7009 along with vPC and Fiber extender Module, and Nexus 2248 Maintain & prepare Network drawings of all major Data Centers & operational sites

Network Engineer

TulipSoft Corporation - June 2009 to September 2011

Responsibilities:

- Designed VLAN's set up both L2 and L3 logical to have it communicate to Enterprise network.
- Configuration and maintenance of Cisco 2900 series including VLANs and TRUNKING protocols.
- Configured EIGRP, BGP and MPLS
- Implemented load balancing between Cisco L3 switch by HSRP and GLBP.
- Delivered Departmental Efficiency through advanced engineering, technical support and documentation procedures.
- Configured networks using routing protocols such as RIP, OSPF, and BGP and troubleshooting L2/L3 issues.
- Performed the general activities of LAN administration on switches, routers, hubs and WI-FI and network printers.
- Provided high level technical support, including identifying and resolving problems on Cisco supported products for e-commerce infrastructure. This included external routing and internal routing for DMZ servers.
- Provided Technical support to the entire organization on software, hardware and network.
- Involved in troubleshooting of DHCP and IP conflict problems.
- Installing computer hardware, software, printers, wired, wireless network management, maintenance and troubleshooting devices and network problems.

SKILLS

CISCO (8 years), HSRP (8 years), MPLS (6 years), VLAN (5 years), TRUNKING (5 years)

ADDITIONAL INFORMATION

Technical skills:

- > Cisco Routers: 2600, 2900, 3600, 3800, 7200 and 7600.
- > Cisco L2 and L3 Switches: 2900, 3560, 3750, 3850, 4500, 4900, 6500 series.
- > LAN Technologist: Ethernet, Fast Ethernet, Gigabit Ethernet, SMTP, VLAN, Inter-VLAN Routing, STP, RSTP, Light weight access point, WLC.
- > WAN Technologies: Frame Relay, PPP, HDLC, MPLS, T1, T3, OC Standard.
- > Firewalls: Cisco PIX, ASA, Juniper Secure Access VPN Appliance, Fortigate 40c.
- > Wireless/Voice Technologies: Cisco WLC, IEEE 802.1x and 802.11, WLAN, WAP, AP, SSID, LWAPP, VoIP/ SIP, CUCM, UCCM, UCCX, MGCP, RTP, PoE, CCK, DSSS.
- > Load Balancing: [...] 6800, 8800 with LTM, GTM, ASM, APM, Access Gateway, Secure Gateway.
- > VoIP: Call Manager, Call Manager Express, SIP Trunking.
- > Applications: Wireshark, Cisco packet tracer, GNS 3, Active Directory, Cisco IOS, Cisco prime Infrastructure, Cisco UCS, Microsoft Office, PowerPoint, Excel [...]
- > Services: Done Configuration for VLANs, STP, SNMP, ELRP, DMZ and Redundancy protocol (HSRP and VRRP).
- > Other Technologies: VMware, Mat Lab, VISIO, Oracle DBMS, Microsoft word, Excel.