

Network Engineer

Network Engineer - End Client

Cherry Hill, NJ - Email me on Indeed: [indeed.com/r/c2f55d4ee4c4967e](https://www.indeed.com/r/c2f55d4ee4c4967e)

- Almost 7 + years of experience in Routing and Switching with Cisco hardware/software including hands-on experience in providing network support, installation
- Involved in resourceful planning & designing of IP Addressing scheme for an enterprise network, with scope for future expansion using VLSM & CIDR.
- Configured, installed and worked on troubleshooting of Cisco 3800, 3600, 2800, 2600, 2500, 1800 series routers and Cisco Catalyst 6500, 4500, 3750, 2950 series switches.
- Managed different technologies of routing such as static, dynamic and default.
- Configured and implemented access control list.
- Configured of Inter-VLAN routing
- Implemented port security using switching mechanism.
- Have experience in Network Management Tools and sniffers like Wireshark and Cisco works to support 24 x 7 Network Operation Center.
- Involved in taking backups and restoration of CISCO's IOS and configuration files.
- Worked on Aperto WiMax PM5000 Base Stations, PM3000 Base Stations, and Wave Centre (2.3, 3.0,3 &3.1) EMS & PM-100 & PM-320 CPE's.
- Have knowledge on kali Linux
- Experience in L2/L3 protocols like VLANs, STP, VTP, MPLS and Trunking protocols.
- Configured Virtual Local Area Networks (VLANs) using Cisco routers and multi-layer Switches and supporting STP, RSTP along with trouble shooting of inter VLAN routing and VLAN trunking using 802.1q.
- Configured and implemented routing protocols including RIP, TCP/IP, and RIP v1/v2, OSPF, and EIGRP
- Experience in installing and configuring DNS, DHCP server.
- Experience in Physical cabling, IP addressing, configuring and supporting TCP/IP.
- Efficient at use of Microsoft VISIO/Office as technical documentation and presentation tools.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Network Engineer

End Client - September 2015 to Present

Technical Environment: Nexus 2K/5K/7K, F5 Big-IP LTM-6400 load balancer, Checkpoint R75, Cisco ASA 5500 LAN, WAN, HSRP, RIP, OSPF, BGP, EIGRP, VLAN, MPLS, STP, RSTP, VDC, OTV, VPC.

Responsibilities:

- Configured Routing protocols such as RIP, OSPF, EIGRP, static routing and policy based routing.
- Troubleshooting the Network Routing protocols (BGP, EIGRP and RIP) during the Migrations and new client connections.
- Redesign of Internet connectivity infrastructure for meeting bandwidth requirements.
- Configuration and troubleshooting of Cisco 2500, 2600, 3000, 6500Series routers.
- Technical assistance for LAN/WAN management and complex customer issues.
- Provided support for troubleshooting and resolving Customer and user reported issues.
- Worked with Network Engineer's in the installation and configuration of firewalls.
- Configuring, implementing and troubleshooting VLAN's, VTP, STP, Trunking, HSRP, VRRP, Ether channels.

- Packet capturing, troubleshooting on network problems with Wireshark, identifying and fixing problems
- Implementing, configuring, and troubleshooting various routing protocols like RIP, EIGRP, OSPF, and BGP etc.
- Performing network monitoring, providing analysis using various tools like Wireshark.
- Generating RCA (Root Cause Analysis) for critical issues of layer1/layer2/layer3 problems.
- Have experience on Configuration of Inter-VLAN routing
- Experience in installing and configuring DNS, DHCP server.
- Configured and implemented access control list.
- Switching (Ethernet) related tasks included implementing VLANs and configuring ISL trunk on Fast-Ethernet channel between switches.
- Configured the Cisco router as IP Firewall and for NATting.
- Experience on working on F5 load balancer (LTM & GTM) and VPN

Network Engineer

End Client - Hyderabad, ANDHRA PRADESH, IN - March 2013 to July 2015

Technical Environment: EIGRP, RIP, Cisco 3845/3600/2800, OSPF, BGP, MPLS routers, Cisco 6509/ 3750/3550/3500/2950 switches.

Responsibilities:

- Supporting EIGRP and BGP based PwC network by resolving level 2 & 3 problems of internal teams & external customers of all locations.
- Responsible for service request tickets generated by the help desk in all phases such as troubleshooting, maintenance, upgrades, patches and fixes with all around technical support
- Upgrade, Cisco Routers and Switches using TFTP.
- Configuring STP for switching loop prevention and VLANs for data and voice along with Configuring port security for users connecting to the switches.
- Ensure Network, system and data availability and integrity through preventive maintenance and upgrade.
- Supporting High Volume, high revenue impacting operations, 24*7 setup, focusing on failsafe network.
- Experience in installing and configuring DNS, DHCP server.
- Configured and implemented access control list.
- Completed service requests (i.e. - IP readdressing, bandwidth upgrades, IOS/platform upgrades, etc.)
- Involved in L2/L3 Switching Technology Administration, including creating and managing VLANs, Port security, Trunking, STP, Inter-Vlan routing, LAN security.
- Modified internal infrastructure by adding switches to support server farms and added servers to existing MZ environments to support new and existing application platforms.
- Configure, verify, and troubleshoot trunking on Cisco switches
- Verify network status using basic utilities (including: ping, trace route, telnet, SSH, ARP, ipconfig)
- Coordination with Field Engineers for troubleshooting at customer end problems

Network Engineer

End Client - Hyderabad, ANDHRA PRADESH, IN - September 2011 to February 2013

Technical Environment: Rip, EIGRP, OSPF, BGP, LAN, WAN, MPLS, VLAN, Cisco 3845/3600/2800 routers, Cisco 6509/ 3750/3550/3500/2950 switches

Responsibilities:

- Worked on Cisco Layer 2/Layer 3 switches (spanning tree, VLAN).
- Configuration and troubleshooting of Cisco 2500, 2600, 3000, 6500, 7500, 7200 Series routers.
- Configured VLAN trucking 802.1Q, VLAN Routing on Catalyst 6500 switches.
- Configured and troubleshoot EIGRP.
- Troubleshooting IOS related bugs based on history and appropriate release notes.
- Work on different connection medium like Fiber

- Planning and configuring the routing protocols such as OSPF, 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.
- Supported networks, which are comprised of 2000+ Cisco devices.
- Follow process & procedures for change & configuration management.
- Support Complex 6500 /5500 Series Switches.
- Configured and implemented access control list.
- Network Monitoring using tools like Cisco Works 2000.
- Configured RIP, PPP, BGP and OSPF routing.
- Efficient at use of Microsoft VISIO/Office as technical documentation and presentation tools.
- Configured Inter-VLAN routing
- Experience in installing and configuring DNS, DHCP server.
- Verify network status using basic utilities (including: ping, trace route, telnet, SSH, ARP, ipconfig)
- Supporting High Volume, high revenue impacting operations, 24*7 setup, focusing on failsafe network.

NOC Engineer

Meta Max Communications Pvt. Ltd - Hyderabad, ANDHRA PRADESH, IN - December 2008 to August 2011

Description: Under agreement with Railtel, Meta Max provides Pan India coverage for major cities/towns through WiMax technology. Primarily, it constitutes a fault-tolerant Subscriber WiMaxx Radio Network, a highly-available Access Network connecting various base stations within a given city/town and an ultra-reliable Core Network connecting all the access networks.

Technical Environment: EIGRP,RIP, OSPF,BGP,LAN,WAN, VLAN, MPLSEther Channels, Cisco 3845/3600/2800 routers, Cisco 6509/ 3750/3550/3500/2950 switches, Checkpoint firewalls(SPLAT), MS Visio, Aperto WiMax PM5000 Base Stations, PM3000 Base Stations, Wave Centre (2.3,3.0,3 &3.1) EMS & PM-100 & PM-320 CPE's.

Responsibilities:

- Configured and implemented Cisco Routers, L2/L3 switches, VLAN, etc
- Verify network status using basic utilities (including: ping, trace route, telnet, SSH, ARP, ipconfig)
- Configure, verify, and troubleshoot VLANs
- Configure, verify, and troubleshoot inter VLAN routing
- Act as a point of contact for various vendors like Aperto, Railtel, and TATA.
- Analyze and evaluate the impact of planed network changes
- Perform provisioning role of incoming service requests for an existing entity or new entity joining the network
- Coordinating with Railtel for maintaining the network stability
- Coordinating with Aperto Team for Base Station related issues
- Coordinating with Field Engineers for troubleshooting CPE related and customer end problems
- Coordinating with Base Station Engineers for troubleshooting Base station related issues
- Managing and configuring Aperto EMS
- Provisioning Sectors & SS in EMS, adding profiles for Sectors & SS in EMS, assigning frequency and channel Bandwidth in BSR, firmware up gradation etc.
- Performed troubleshooting, while maintaining trouble ticket tracking, following internal/external escalation procedures and customer notifications. Configured Cisco Routers for OSPF, RIP, IGRP RIPv2, EIGRP, Static and default route.
- Supporting Development team for the access to corporate network and outside world. Providing access to specific IP, Port filter and port access.
- Configuring routers and switches and send it to Technical Consultants for new site activations and gives online support at the time of activation.
- Work with Help Desk for circuit troubleshooting to give Support to the Tech persons at the site.

- Troubleshoot TCP/IP problems, troubleshoot connectivity issues.

EDUCATION

Bachelors in Technology in Technology

JNT University - Hyderabad, ANDHRA PRADESH, IN
2008

SKILLS

BGP (8 years), Cisco (8 years), EIGRP (8 years), OSPF (8 years), VLAN (8 years)

ADDITIONAL INFORMATION

Core Competencies:

- Network Configuration: Advanced switch/router configuration (Cisco IOS access list, Route redistribution/propagation).
 - Cisco Routers: Cisco GSR 12416, 12418, Cisco 3640, Cisco 3600
 - Physical interfaces: Fast Ethernet, Gigabit Ethernet, Serial
 - Layer 2 technology: VLAN, VTP, VMPS, ISL, dot1q, DTP, Spanning-tree, PVST
 - Layer 3 Switching: MLS, Ether Channel
 - Switches: Catalyst 6500, 3700, 3500
 - Routing Protocols: IGRP, EIGRP, OSPF, BGP, RIP
 - Security Technologies: Cisco FWSM/PIX/ASDM, Cisco ASA
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- Operating Systems: Microsoft XP/Vista/7, UNIX, Linux, Windows Servers [...] Windows MS-Office.