Venu Gopal
Network Engineer - APCOTE, PA

Chicago, IL - Email me on Indeed: indeed.com/r/Venu-Gopal/5b7b884192d2cbfb

• CCNA CERTIFIED professional with 2+ years of experience in network implementation, and support.
• Experienced in implementation and configuration of LAN network equipment including Routers and switches.
In Windows and Linux environment.
• Experience in TCP/IP protocol suite and OSI Model.
• Hands-on experience on troubleshooting and Up-gradation of Cisco IOS on different Cisco devices including
routers, switches, and security devices
• Experience in configuring of Layer 2 / 3 networking features such as HSRP, NAT, VLAN, STP, VTP, 802.1X,
Port Security
• Validating, implementing, and deploying the LAN devices.
• Hands-on experience on configuring ACL and Policies on routers and Cisco firewalls (ASA 5500 series)
• Hands on experience in Troubleshoot client connectivity issues
• Experience in Monitoring and Maintaining inventory reports of Network devices
• Strong understanding of Cryptography (encrypting and decrypting), security algorithms (DES, 3DES, and
AES)
• Involved in troubleshooting of DNS, DHCP and other IP conflict problems, worked on Gigabit Ethernet and
Fast Ethernet connection.
• Working knowledge on Monitored network infrastructure including switches, router, firewall, end devices
• Strong understanding of working of IPS/IDS/HIPS in different modules and devices.
• Working knowledge on configuring the IPsec VPN and secure GRE tunnel.
• Good Knowledge on IP QOS, in a MPLS and VPN environment
• Knowledge on WAN technologies and connectivity (MPLS, Ether switching, DMVPM)
• Knowledge on configuring firewall policies and ACLs using SDM (Security Device Manager)
• Knowledge on creating pools, pool members and virtual servers in LTM F5 load balancing.
• Hands on knowledge on installing windows features and roles in windows server […] using the GUI and
Powershell scripting.
• Working knowledge on Extract the logs, perform real time log analysis using SIEM technologies
• Brief Knowledge VoIP technologies and devices.
• Knowledge on installing and configuring SQL Server […] creating, altering views and normalizing the
attributes.
• Good knowledge on data mining concepts includes association rules, classifications, and clustering.
• Knowledge on Windows Active Directory Administration creating user accounts, resetting passwords,
permission, and restriction to different groups.
Willing to relocate: Anywhere
Authorized to work in the US for any employer

WORK EXPERIENCE

Network Engineer
APCOTE, PA - May 2016 to Present

Responsibilities:

• Responsible for level 2 support of existing network technologies / services & integration of new network
technologies and services.

• Troubleshooting complex LAN /WAN infrastructure that includes routing protocols Static, EIGRP, OSPF.
• Worked as a Network team member where my daily responsibilities includes configured and Manage Cisco routers, switches.
• Configuration and support of level 2 and level 3 devices and protocols includes OSPF, BGP, STP.
• Performed IPv4 addressing, Subnetting concepts, EIGRP, BGP, HSRP, DNS, DHCP, and TCP/IP
• Monitoring and troubleshooting the Layer 2 and layer 3 connectivity issues.
• Implementing, and maintained the authentication on a router for ingress traffic.
• Implementing the Load balancing the outgoing traffic using EIGRP and OSPF protocol.
• Created VLAN and Inter-VLAN Routing with multilayer switching.
• Worked on 4500 Catalyst switches for LAN requirement and for troubleshooting LAN issues.
• Maintain Cisco routers, configuration, and Cisco images. Worked on network software and hardware Upgrades.
• Configured and maintained Cisco 2900 series switches including VLANs and Trunking protocols.
• Configuring Access control lists in routers and ASA firewalls
• Worked on adding/modifying NAT rules using hide NAT and static NAT in the security device cisco ASA firewall.
• Implementing group policies, creating of basic correlation rules and analyze logs using solarwinds LEM.
• Knowledge on Windows Active Directory Administration creating user accounts, resetting passwords, permission, and restriction to different groups
• Creating user accounts and allocating groups and roles for users.
• Used Infoblox to create and manage newly created DHCP scopes
• Management of Infoblox Grid Manager to manage DNS Forward and Revers Lookup Zone.
• Responsible for maintaining the IPAM, DNS, DHCP of the entire corporation using Infoblox.
• Worked with monitoring tools such as Solarwinds and Infoblox to manage DNS servers, assigning IP Address and implementing DHCP for security purpose of the networks.
• Documenting work using Microsoft Visio.
• Hands on Experience with using ASDM GUI tool used to manage the Cisco ASA security appliances.
• Hands on experience with F5 load balancer creating Pools, Virtual servers and Nodes. Good knowledge in LTM and GTM.

Network L1 engineer
Softtech solutions Pvt Ltd - August 2013 to November 2014

Responsibilities:

• Monitoring the networks 24/7 by using monitoring tools like WUG, MRTG.
• Performing level-1 troubleshooting by logging into the particular devices.
• Submitting accurate reports to next level on issues by going through the device's LED status and logs.
• Remotely assisting on site tech to perform physical troubleshooting of devices.
• Configured and maintained Cisco 2900, 2600series switches including VLANs and Trunking protocols.
• Implemented dedicated VLAN ID for all trunk ports, set user ports to non-Trunking, and deployed port security when possible for user ports for layer 2 security.
• Configure, service and support routing and switching equipment necessary for the delivery of Metro Ethernet, Regional Ethernet, and Inter-Regional Ethernet services.
• Configuration and support of IPv4, IP Protocols, VLANs and access lists
• Configuring and maintaining VLANS and the VLAN database, managing VTP servers for updated VLAN information
• Setup TFTP server to maintain CISCO router configurations and CISCO images. Worked on network software and hardware upgrades
• Managed, Monitored, evaluated, and made report on WAN/LAN Networks.

• Used various scanning and sniffing tools like packet sniffer.
• Maintained whole network and troubleshot the network and hardware issues for efficient performance.
• Strong Administration and troubleshooting skills of LAN on Linux/UNIX, Windows environment

EDUCATION

Masters of Science in Computer Science in Computer Science
Chicago state University   -   Chicago, IL
January 2015 to May 2016

Bachelors in Electronics and Communication Engineering in Electronics and Communication Engineering
JNTU   -   HYDERABAD, ANDHRA PRADESH, IN
October 2009 to May 2013

SKILLS

BGP (1 year), LAN (2 years), security (2 years), switching. (2 years), VLAN (2 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS:

Routing: Static, Dynamic - RIP, RIPV2 IGRP, EIGRP, OSPF, BGP, Redistribution, Summarization.
LAN Switching: VLAN, VTP, STP, PVST+, RPVST+, Ethernet channel, Fast Ethernet, Gigabit Ethernet&10 Gigabit Ethernet, 802.1q
Networking Concepts: Access-lists, Routing (RIP, EIGRP and OSPF), Switching, Sub-netting, ASA Firewalls, WAN.
Protocols: IP, TCP, UDP, Q0S, SIP, NAT, DHCP, SNMP, HTTP, SSH, DNS, PAT
Security: ASA firewall, Access lists and policy based routing, IPsec VPN, GRE, DMVPN
TCP/IP Services: DNS, DHCP, SNMP, NAT, FTP, HSRP, GLBP, VRRP.
Database: MS SQL Server […] TSQL
Monitoring tools: Wireshark, Infoblox and Basic LEM Solarwinds.
Programming Languages: C, C#, SQL, IOS scripting, Basic shell scripting
Productivity Applications: MS Word, MS Excel, MS Project, Visio
Platforms: Windows 7/8, Linux (Kali and Red hat), UNIX, Mac.