

# Sai Kemidi

## Network Engineer - Westcon Group Inc

- Email me on Indeed: [indeed.com/r/Sai-Kemidi/b6f54497dd05594e](https://www.indeed.com/r/Sai-Kemidi/b6f54497dd05594e)

Network Engineer with 6 years of experience, Experience in managing, monitoring, troubleshooting, analysis and optimization of WAN/LAN - Cisco routers and switches.

### Technical Expertise & Responsibilities:

- Designing & Implementing different connectivity solutions to various Customers across the Globe.
- Responsible for designing and implementation of customers' network infrastructure.
- Designing & Implementing VPN connectivity for new sites.
- Maintaining Corporate Firewalls & Analysis of firewall logs using various tools Eventia Reporter.
- Planning, designing of Corporate Firewalls architecture and implementing in distributed environment -
- Verifying & Configuring the Rules in firewalls. (Firewall Change Request processing)
- Planning & implementation of information security guidelines as per the security standards.
- Configured the entire LAN/WAN network for TCP/IP.
- Configuring Network Address Translation (NAT) according to the connectivity requirements.
- Upgrading the Firewall Versions to the Latest versions / IOS & applying Hot-fixes.
- Patching the firewalls to prevent from the upcoming security threats.
- Taking Regular backups & testing the backups by restoring in test lab frequently.
- Troubleshooting problems related to firewalls, Different desktop VPN connectivity issues.
- (DRP) Disaster Recovery Planning, implementing Remote Access Services (RAS).
- Planning, designing, Installing and Configuring of Cisco Routers (1700, 1800, 2500, 2600, 3200, 3600, 3700, 3800, and 7200) using RIP, EIGRP, HSRP, BGP and OSPF in MPLS network.
- Involved in migrating ISDN lines to MPLS, determining the routers, BGP structure and autonomous systems.
- Creating IPSEC, GRE tunnels, Frame-relay in Cisco routers.
- Knowledge of advanced networking technologies such as Asynchronous Transfer Mode (ATM), Quality of Service (QoS), Voice-over-IP (VoIP).
- Redistribution of routing protocols, Route-maps (Policy Based Routing), ACL, NAT, CAR.
- Troubleshooting of Enterprise application response problems & connectivity issues.
- Installing and configuring of Cisco L2 & L3 Switches (2900, 3560, 4500 & 6500).
- Designing of LAN Network as per Cisco 3-tier Architecture (Core, Distribution, and Access).
- Configuring STP, VLAN, VTP, SPAN port and Port binding.
- Installing & Configuring Network Access Control (NAC) using Cisco Clean Access (CCA).
- Installing & Configuring of DHCP /WINS servers.

Cisco Products Routers (1700, 1800, 2500, 2600, 3200, 3500, 3600, 3700, 3800, and 7200), Cisco L2 & L3 Switches (2900, 3560, 4500 & 6500), ASA, PIX

Firewalls Checkpoint (NGX), ASA, JUNIPER SRX

Willing to relocate: Anywhere

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Network Engineer

Westcon Group Inc - Westchester, NY - January 2015 to Present

#### Roles & Responsibilities:

- Configured Cisco Routers for OSPF, IGRP, RIPv2, EIGRP, and Static as default route, BGP. (Cisco Routers 3600, 2800, 2600, Cisco switches 3750, 3500)
- Monitor the network using Solarwinds and Wireshark.
- Configuring and monitoring Cisco ASA 5500 series of firewall.
- Configure, Troubleshoot and build IPsec VPN tunnels, Execute configurations and migrate IPsec tunnels to new environment
- Configuration of Cisco VPN client for remote connectivity.
- Designed ACLs, VLANs, troubleshooting IP addressing issues and taking back up of the configurations on switches and routers
- Configuration of EIGRP and OSPF as interior gateway protocol with route filtering and route redistribution
- Developed test scenarios to validate and verify new feature implementations using JIRA.
- Tested and Debug of test cases using Perl Scripting according to the test plans provided by the client.
- Setup Linux/Unix Server and installed various packages in Linux OS.
- Resolved customer issues using JIRA validating the issues using JIRA

### **Network Engineer**

FedEx Services - Pittsburgh, PA - December 2013 to December 2014

#### **Roles & Responsibilities:**

- Configured Cisco routers 2600, 2800, and 3600 series, switches 3560, 3650 and 3750 series.
- Prepared a spread sheet assigning the new DHCP client IPs within the specific IP ranges for deployment servers, designated to various Vlans, reserved the IPs on DHCP server and issued the IPs to involved network groups for the relo, migrating and new installing FedEx Ground facilities.
- Involved in assigning, reserving and issuing the DHCP IPs for various security network devices using DHCP Server for the FedEx facilities.
- Configuring the router/switches in accordance with the network standards for the FedEx Facility such as IOS upgrades and config changes supporting VoIP.
- Involved in finding the remote IDF/MDF closets for new switches on various FedEx networks across the FedEx Ground facilities
- Involved in opening the requests for adding the new network devices.
- Adding and deleting the routes/switches as per the requirement of the FedEx Facilities across United States.
- Involved in guiding the field techs or vendors in installing the new devices like switches, security devices, and hardware cabling infrastructure at the facilities.
- Involved in configuring the Vlans and assigning the Cisco switch/router ports allowing the connections between enterprise networks and changes.
- Followed the Corporate change management procedures for the new changes and requests.
- Involved in checking and monitoring various Access Control Lists changes during the enhancement in FedEx network.
- Provided the guidance to newly joined network analyst.
- Provided the solutions for the network communications equipment.
- Project Management and coordinating the entire network analyst in the group for the network deployments.

### **Network Engineer**

Cable Vision - New York, NY - December 2012 to November 2013

#### **Roles & Responsibilities:**

- Experience with security issues in large scale networks consist of firewalls and routers, particularly Cisco ASA Firewall and Cisco Firewall Services Module.
- Configured Cisco routers and switches.
- Ensure Network access requirements are met for testers, vendors, and operations personal using access-list and firewall rule sets.

- Configuring work from home solutions using Cisco Easy VPN server.
- Implemented VPN enabled devices such as VPN concentrator; ASA Firewalls and IOS based firewalls on Cisco platforms.
- Configuring the router in accordance with the router present at the customer location such as upgrading or degrading the IOS.
- Configuring a one-to-one Static NAT for F5 load balancer in ASA.
- Supported various routing protocols OSPF, EIGRP and BGP.
- Building the VPN tunnel and VPN encryption.
- Adding routes whenever there is a new requirement of accessing the client servers.
- Used Remedy for creating trouble tickets.
- Configured Intrusion detection, logging and reporting of all suspicious activity.
- Documented new VPN enrollments in a database and create standard procedures for further improvement.
- Installed and Monitored Network management tools like Wire shark and Solarwinds.
- Configuring Network Access Control (NAC) using Cisco Clean Access (CCA).

## **Network Engineer**

Unisys - Hyderabad, ANDHRA PRADESH, IN - August 2012 to November 2012

### **Roles & Responsibilities:**

- Involved in planning and configuring the proposed connectivity model approved by client.
- Perform and participate in technical design reviews.
- Configuring NAC and setting the rules for managing the traffic.
- Executing change requests to the firewall rule base.
- Executing changes to the authentication configuration established at the user, client, and session levels.
- Implementing changes to the network routing tables and ACLs.
- Executing changes to the Cell Site and change management.
- Planning, Designing & Implementing VPN connections using Checkpoint, ASA, Cisco PIX, and Cisco Routers using site-to-site VPN's, VPN encryption.
- Used Visio Software, in updating client network diagrams.
- Designing and configuring LAN in Cisco 3 tier architecture (Core, Distribution and Access).
- Management of 6500 catalyst Switch and 7200 & 7600 Routers for change request.
- Monitoring Routers, Switches and Firewall and generating health reports.
- Installed and configured Load balancer A10 Networks AX 3200.

### **SKILLS**

EIGRP (3 years), INTERNET PROTOCOL SECURITY (2 years), IPsec (2 years), Linux (2 years), OSPF (3 years)

### **ADDITIONAL INFORMATION**

Operating Systems Windows [...] Red Hat Linux

Network Management Tools Snort (IDS), Net Scout, Net flow Analyzer, WhatsUP Gold, Smokeping, and NTOP  
Protocols/Services Routing Protocols (RIP, EIGRP, OSPF), QOS, TCP/IP, IPSEC, MPLS

Windows Products /Services Microsoft Win Server 2000, 2003, DNS, DHCP, WINS, ISA, IIS, Winproxy2.0