Sarang Gosavi

Operations Engineer
San Francisco Bay Area

Summary

5 years of experience as Network engineer with hands on
experience on Routing, Switching, Unified communication and
Security.

Design, planning, deploying and troubleshooting enterprise networks
with broad range of networking technologies.
Self-motivated professional and love to work among diverse groups
of technologies and people.

Strong communications skills with solid history of delivering
outstanding customer service. Genuine commitment to quality and
customer satisfaction.

Protocols: IPv4, IPv6, TCP/IP, UDP, DHCP, DNS, OSPF, BGP,
EIGRP, MPLS, STP, RSTP, VLAN, VTP, Etherchannel, ARP, NAT,
PAT, VPN, IPsec, H.323, SIP, MGCP, QoS, Tunneling, NAS, WLAN,
SNMP, NTP.

Product Knowledge: Cisco (7200, 3800, 2800, 1900, 1800, And
1700), Cisco Catalyst (3700, 3500, 2900, 6500), Nexus 5000, ASA
firewall, Cisco WSA, Cisco ACS, Palo alto firewall, Netgear switches,
UCS 210 Series, MCS 7800 series, Cisco 9900, 7900, 6900, DX650
Series IP phones, IXIA server, Wireless servers, Synology NAS.

Operating System: Cisco IOS, NXOS, Ubuntu, CentOS, Kali Linux,
Mac, Windows XP-Windows10, Windows server 2008, 2012.

Security and tools: Firewalls, Access control, AD, Wireshark,
NetFlow, SSH, CISSP, Solarwinds, GNS3, Nmap, tcpdump.

Languages & Framework: Java, Python, Flask, C

Other Technologies: Virtualization (VMware Esxi 5.5/6, VCenter 5.5, KVM), AWS, Cloud computing, ELK, GitLab, Gitlab CI, Docker, Jenkins, Ansible, Puppet.

Experience

Airbnb
Operations Engineer
April 2018 - Present
San Francisco Bay Area

Network monitoring and troubleshooting routing and switching using tools such as LogicMonitor, Sumologic, Cisco Prime, Cisco ISE. Wireless configuration and troubleshooting, IP address management using IPAM, Firewall policy configuration in Palo-alto Panorama and firewalls, Troubleshooting Unified communication issues.
LDAP management and administration, Jira, Slack, GSuite, Duo and SSO administration.

Cyber Advanced Technology, Inc.
Technology & System Administrator
January 2016 - April 2018 (2 years 4 months)
Berkeley, California

Redesign and improve office network architecture and security by configuring Firewall, Cisco ACS, WSA, VPN, IPsec and access policies.
Independently managing all the network configuration, troubleshooting and IP addressing and sub-netting.
Design and implement real world network scenarios using routers, switches, firewall and virtual machines to test the product and to perform penetration testing on product.
Configure and maintain NTP server.
Test product capacity and network using IXIA server attacks.
Configure and manage FreePBX, IP Phones for users.
Configure and maintain Active directory and DNS in Windows server 2012.
Implementing security best practices in Windows and Linux OS.
Configure WLAN using Cisco Wireless Server, Wireless access points and configure RADIUS server to control them.
Configure and maintain TACACS and RADIUS AAA services in Cisco ACS server.
Refine firewall rules for network traffic and create IT security policies as per NIST and CISSP.

Creating, managing and troubleshoot VLAN, Inter vlan routing, Spanning tree (STP), DHCP, trunk, Ether channel with LACP & PAGP.

Experience in troubleshooting layer 2, layer 3 switches and Nexus 3K switches.

Configuring and managing VMware Esxi, VCenter server, Synology NAS and creating virtual machine template.

Install, configure and maintain Linux servers and workstations including CentOS, Ubuntu, Kali Linux and other Unix servers.

Configure and maintain continuous development and continuous integration using GitLab, Gitlab CI, Jenkins and Dockers.

Creating and managing development environment as per requirement.

Troubleshoot Linux server issues with NMAP, tcpdump.

Create Python and Bash scripts to automate tasks.

Monitoring network with Solarwinds tools and troubleshoot networking issues using packet capture by Wireshark, tcpdump.

Maintain systems up to date by installing OS patches.

Administer and maintain backups of all the critical servers.

HCL Comnet Limited
Network Engineer
February 2014 - January 2015 (1 year)
Mumbai Area, India

Successfully design and implemented Cisco Call manger and Cisco presence server 8.6 on Cisco UCS C210 series using VMware Esxi and configured PBX.

Implemented Meeting Place 8.5 and WebEx on MCS series servers.

Experience in configuration and troubleshooting VoIP protocols such as SIP, H.323, MGCP, SCCP, PBX.

Installed, configured and maintained LDAP directory on linux server.

Successfully migrate 2000 users from old call manager to new call manager and added 1000 new users.

Successfully implemented and tested high availability (HA) cluster for unified communication devices (CUCM, CUPS, WebEx and Meeting place and LDAP server) at disaster recovery site.

Deployment of 3500 Cisco IP phones completed successfully.

Configured and maintained Cisco IP Phones 9900, 7900, 6900, DX650 series.

Installed, configured and maintained Parsec Server for Voice, message broadcast and logo installation on IP Phones.

Integration of AVAYA call center with Cisco call manager by creating SIP trunk.

Successfully configured CUPC and Cisco Jabber client for 1000 users for chat and video communication.

Managed entire PAN India and overseas VoIP and unified communication Operation for the Union Bank of India.

Worked as L3 technical support for hardware and software of unified communication and VoIP devices.

Worked as L1-L2 technical support for internal LAN/WAN network issues.

Improved voice and video communication by implementing QoS.

Worked with data center team and security team to quickly resolve issues.

Follow change management procedure for any major changes in hardware or software.

Experience on Static routing, EIGRP, BGP and MPLS configuration and troubleshooting.

Troubleshooted switching technologies such as VLAN, VTP, STP, RSTP, PVST.

Working with Cisco TAC Support for resolving escalated issues.

Document all issues with troubleshooting methods and resolution for future reference.

Network and Data center monitoring.

Mindpro consultancy Ltd
Network Engineer
February 2012 - February 2014 (2 years 1 month)
Mumbai Area, India

Worked as L1 network (NOC) Engineer support for internal LAN/WAN network infrastructure.

Configured, monitored and troubleshooted WAN links connected to more than 800 locations using multiple network connections including lease lines, VSATs and ISDN lines.

Real time monitor and perform administration of network by SNMP traps using tools Solarwinds and NetFlow.

Successfully updated Cisco IOS images of more than 800 routers and switches.

Experienced in installing and configuring WAN environments (T1, T3, E1, ATM, Frame relay)

Worked with multi-vendor ISP's network and coordinating with service providers for WAN link outages.

Follow escalation matrix to resolve WAN link issues quickly to maintain and improve SLA's.

Installed and configured DHCP Server/Client.

Configured and troubleshoot routing technologies such as OSPF, EIGRP, BGP and Static routing.

Installing and Configuring Serial Link and ISDN

Configured and troubleshoot switching technologies such as VLAN, VTP, Trunking, STP, RSTP, PVST, Inter VLAN routing and Port security.

Configured HSRP to maintain redundancy of routers and switches.

Configured Cisco CSS load balancers.

Configured and troubleshoot GRE tunnels between point to point links.

Successfully completed upgradation of hardware and software of multivendor network equipment's including routers, switches, wireless access points (WAP).

Actively monitoring performance of network and servers to identify potential problems and bottleneck.

Coordinating with field engineers to resolve problem in network devices and performing diagnostics & configuring network devices.

Helped with IP allocation and subnetting using VLSM addressing.

Support and tracking RMA's for hardware failure.

Perform Data center network operations in 24x7 environment.

Document all issues with troubleshooting methods and resolution for future reference.

Administer network configuration backups of all the important network equipment's including routers, switches and firewalls.

Education

International Technological University
Master's Degree, Computer Engineering · (2016 - 2017)

University of Mumbai
Bachelor's Degree, Electronics and Communications
Engineering · (2006 - 2011)