**Sri Sashank Chadalavada**

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**Summary**

* 8 Years of extensive hands of experience in Network data and Voice.
* Experience in working with Cisco Catalyst series 2900, 3560, 3750, 4500, 4900, 6500.
* Experience in working with Cisco 2800, 3600, 3800, 3900, 7200 7600 series Routers.
* Hands on experience in configuring Cisco Nexus2232, 2248, 5548, 6001 and 7018(Sup 2E) and worked on nexus protocols VPC, VRF, VDC and FEX Links.
* Implementing, maintaining and troubleshooting switching tasks such as VLANs, VTP, VLAN Trunking using ISL and 802.1Q, STP, RSTP, PVST+, Ether channel using LACP and PAGP, Inter-Vlan routing, CEF and DCEF.
* Experienced in configuring, deploying, maintaining, and troubleshooting of routing protocols like RIP, OSPF, EIGRP, Policy routing, and BGP on Cisco routers.
* In-depth knowledge on Route Manipulation, Filtering and troubleshooting route re-distribution across multiple protocols.
* Racking and stacking of the network equipment like switches and cabling them.
* Worked on implementing first hop redundancy protocols like HSRP, VRRP, and GLBP.
* Network security policies like NAT, PAT, VPN, DMVPN, Route-maps and Access lists.
* Good understanding on Genesys scripting.
* Maintaining and updating inventory using Network Management Application layer software’s like SNMP, Wireshark, NTP, and Syslog.
* Hands of knowledge on installing configurations on Cisco Call Manager platform.
* Experience with setting up VoIP accounts on Cisco Call Manager and Avaya MSA
* Experience on understanding VoIP and SIP.
* Performed Inventory control/auditing of all Cisco Routers/Switches, Cisco VoIP Phones and Avaya VoIP Phones.
* Vast knowledge on Juniper platform (SRX, MX, EX).
* Drawing and updating Visio Diagrams using MS Visio for documentation purposes.

Professional Certification

* **CCNA® Certified**
* **CCNP® Certified**

Technical Skills

**Routers**: Cisco 2600, 3600, 3800, 7200, 7600,Juniper M320, M7i, M10i.

**Cisco Catalyst Switches**: 2960, 3750, 4500, and 6500 and Nexus 2232, 2248, 5548, 6001, 7018 series

**LAN Technologies**: Ethernet Standards, VLAN, Inter-VLAN, VTP, STP, RSTP, SMTP, Ether Channel, PortFast, ACL, Light weight access points

**WAN Technologies**: Frame relay, (E1/T1/E3/T3) lines, PPP, HDLC.

**Routing Protocols**: RIP V1/V2, EIGRP, OSPF, BGP, Static Routing, Summarization.

**Gateway Redundancy**: HSRP, VRRP, GLBP, Ether channel technology (LACP, PAgP).

**Network Security**: Cisco ASA, IPSEC.

**Network Management Tools**: Wireshark, Netflow Analyzer, IBM Netcool.

**Applications**: MS Office, MS Visio 2010, Outlook, Microsoft Excel, Vendor specific software (Polycom).

**Telecom IP Voice:** VoIP, TDM, SIP, IP PBX, Polycom IP Phones, Interactive Intelligence.

**Operating Systems**: Windows (98, 2000, XP, 7), UNIX, Linux.

**Load Balancers:** Cisco CSM, F5 Networks.

Work Experience

**HEWLET PACKARD ENTERPRISE, Houston TX** **May 2016- present**

**Sr. Network Engineer**

**Responsibilities:**

* Used DHCP to automatically assign reusable IP addresses to DHCP clients.
* Configured and deployed network redundancy on ACE/NetScaler/F5 network devices.
* Troubleshooting the VIPs, creating the new VIPs and configuring wide IPs on F5 GTM.
* Coordinating with IT application teams, troubleshooting the applications on F5 LTM.
* Responsible for service request tickets generated by the helpdesk in all phases such as troubleshooting, maintenance, upgrades, patches and fixes with all around technical support.
* Installation, configuration and troubleshooting of Cisco and F5 load balancers.
* Responsible for reviewing current and planned network designs, particularly F5 load balancer implementations. Identified opportunities for implementation of network best practices.
* Migrated legacy F5 LTM and GTM appliance for the latest versions of appliances.
* Migrated, created, and managed pools and clusters in F5 Big-IP GTM 3DNS load balancers across multiple Datacenters.
* SME on bridged Telepresence video services, including B2B connection configurations.
* Installed CUCM 8.x Publisher, joined new Subscribers to the Cluster and integrated with existing cluster using SIP trunks for intercluster calling.
* Wrote technical documentation on configuring UC features/functions and provisioning guides for Cisco Telepresence infrastructure(CUCM), CUC, and ICM
* Designed Call Flow diagrams for Legacy voice and UC auto attendants.
* Design, build, implement, and support VoIP services utilizing Cisco Networks.
* Implementing F5 GTM solution for disaster recovery project where users are directed transparently to the appropriate data center.
* Providing video conferencing solutions using Cisco presence/Lync integration/Jabber integration, Cisco VCS, MCU, TMS, TPS, Conductor, IP/Video End Points, Cisco Voice gateways, Emergency responder, Cisco Webex, UCCX, AQM and WFM/.
* Knowledge of F5 Best Practices, used iHealth, SSL offloading, Route Domains, GTM Sync Group
* Experience in tools like SNMP, AAA, RADIUS and designed VPN with IPSEC security layer
* Design and implement GTM wider IP's including required topology and DNS setup.
* Work with technical project manager and business teams to design virtual server, pool, LB methods
* Implement and configure http, https profiles, and ECV health monitors.
* Responsible for reviewing current and planned network designs, particularly F5 load balancer implementations.
* Configured and deployed Application based load balancing using F5 LTMs & site level load balancing on F5 GTMs using 3900 & 6900 BIG-IP appliances.
* Creating new nodes and Pools in F5 load balancers to support newly added servers in Layer 3 environment.
* Updating the SSL certificates and cert chain bundles on F5 LTM’s.

**Viacom, Secaucus, NJ** **Feb 2013- April 2016**

**Sr. Network Engineer**

**Responsibilities:**

* Worked with Cisco Layer 3 switches 2900, 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.
* Installed Catalyst 6509E switches with 40GE and 10GE line cards; ConfiguredVSS on it.
* Daily network operations were performed like checking sanity and health of network devices using NMS. Performed network configuration remediation and standardization.
* Deployed Nexus switches 2248, 5548, 7018 and implemented features like FEX Links, VPC, VRF, VDC, and OTV, Fabric Path.
* Performed corporate data center refresh project by replacing existing Catalyst based legacy switches to Nexus 7000s, 7100s, 5000s, 2000s & Nexus 6000. Worked on latest QSFP+ 40 GE interfaces which were used for Access layer fabric aggregation. Very good understanding on Nexus 7K architecture including F series and M series modules, the Crossbar fabric modules and Supervisor 2E.
* Performed Nexus-OS ISSU and EPLD upgrade.
* Knowledge of Designing, Implementing and Troubleshooting Cisco Routers and Switches with multiple routing protocols like RIP, OSPF, EIGRP, FCOE, BGP & MPLS.
* Maintained complex LAN/WAN networks with several VLANS and provided support for routing protocols and also providing secure sessions over internet using IPsec and SSL encryption.
* Administer Cisco phone system, including CUCM (Call Manager), UCCX, (Call Center), Unity (voicemail), and WFO (voice recording and quality management)
* Design and Implement configurations for managed network devices.
* Designed the system with new idea to resolve issues like call drops, one way audio, call routing issues etc.
* Design, build, implement, and support VoIP services utilizing Cisco Networks.
* Responsible for the analysis/troubleshooting of large scale enterprise VoIP networks.
* Configured Cisco voice gateways, troubleshoot complex call routing issues and equipment upgrades.
* Designed and implemented VOIP in the small and medium business including IP phone, SIP trunk that provided telecommunication services
* Provided VTC (Tandberg/Polycom) support both NiPR and SiPR networks and cryptologic associated equipment for the secure conferences.
* Established working relationship with all company vendors, Level 3, Windstream, Verizon etc., and various other ISP’s and client’s internal IT Services.
* Implemented SNMP protocol, GRE tunneling, Site-to Site VPN& multipoint DMVPN using IPSEC.
* Implemented Cisco Voice Technologies with support for use and Quality of Service (QoS) mainly private networks across the whole enterprise.
* Troubleshooting/resolving complex issues with Telepresence endpoint and infrastructure equipment including CTM, CTMS, CUVC, CUCM.
* Provided Tier III troubleshooting support, in ACD, Call Recording, CTI, and SIP Trunk. Complete familiarity with Avaya platform products.
* Successfully managed Cisco Migration from CM4.xx to UCM 7.1.x, including software patches and upgrades.
* Manage the timely implementation of ACD call routing solutions utilizing the Avaya Call Management System (CMS) supporting VDN, Vector and Skill.
* Upgraded Avaya Communication Manager's to the latest 6.3 version.
* Manage the Cisco Avvid VoIP network, including Unity Voice Mail, Unified Messaging, and IPCCExpress for nationwide system.
* Develop, test, and maintain a disaster recovery plan for critical VMs and application data
* Outlined documentation of network design and operation.
* Monitored both the Data and Voice Networks (Converged Network) acrossenterprise.
* ImplementedInteractive Intelligence (IP phone system) by connecting internally two redundant sites with 4 satellite sites, while providing remote survivability (SRST) over MPLS network for electric utility

**Honda, Columbus, OH Oct2011- Jan 2013**

**Network Engineer**

**Responsibilities:**

* Troubleshooting day-to-day switching issues with VTP and trunking protocols (like 802.1q and ISL) on catalyst 3560, 3750 and 4500 switches and Juniper M320 series of routers.
* Installation, Maintenance, Troubleshooting Local and Wide Areas Network (ISDN, Frame relay, NAT, DHCP, TCP/IP).
* Provided VoIP Level 1 telephone support for all incoming and outgoing phoneissues. Utilize the Office Connect Call Phone Manager for all company clients.
* Participated in on call support in troubleshooting the configuration and installation issues.
* Maintained redundancy on Cisco 2600, 2800 and 3600 router with HSRP.
* Performed Network Security Assessment and implemented security improvements such as network filtering, SSH, AAA (TACACS+, RADIUS, Cisco ACS, LDAP), SNMP access lists, VTY access lists, EIGRP MD5 authentication, and HSRP authentication
* Installed EMR and VOIP for telephone systems.
* Maintained TCP/IP problems troubleshoot connectivity issues in multi-protocol Ethernet environment.
* Provided 24/7 support for every issue related to Cisco Collaboration including phones and gateways hardware and IOS configuration.
* Executed several implementations of Cisco Call Manager Express and Unity Express.
* Handled first level of design process and installing Cisco Call Manager.
* Integrated Cisco Contact Center express with Cisco Unified Communications Manager.
* Configured and implemented IP Telephony systems and IPCC Contact Center Enterprise.
* Integrated Unified Cisco Contact Center Express with Cisco Unified Communications Manager and created basic scripts of CSQs for the initial integration test.
* Performed firewall troubleshooting by analyzing rules and traffic flow.
* Worked on Documentation like creating and updating solution documents and Visio network diagrams.

**NagarjunaInfotech, India** **Mar 2008- Aug 2011**

**Jr. Network Engineer**

**Responsibilities:**

* Performed IOS upgrades/Password recovery on Catalyst 1900, 2900 series switches and 2500, 2600 series routers.
* Did racking, stacking, and cabling network-based, IT systems
* Configured Access List ACL (Std., Ext, and Named) to allow users all over the company to access different applications and blocking others.
* Configuring of IP Allocation and sub netting for all applications and servers and other needs throughout company using FLSM, VLSM addressing.
* Troubleshot the issues related to L1 and L2 levels.
* Coordinated upgrade from Cisco Unified Systems suite version 4.3 to version 8.5
* Configure IP Communicator for Remote Workers.
* Network maintenance checks, configure and manage printers, copiers, and other miscellaneous network equipment.
* Installing operating systems, software and hardware on computers.
* Responsible for Data Backup, System Update, Recovery and Restore, and Spyware removal.
* Troubleshoot problems on a day to day basis and documented every issue to share it with design teams.

Academics

* Gitam University, Vishakhapatnam, Andhra Pradesh, India. Bachelors of Technology in Electrical and Electronics Engineering. (GPA: 3.8/4)