

Network Engineer Network Engineer Network Engineer - Tata Communications Ltd CCNA Certified Professional with 4+ years of experience in network troubleshooting, managing & migration of large-scale enterprise networks Expertise in implementing L2 technologies including VLAN's, VTP, STP, RSTP, Trunking & Port Security. Experience in deployment and configuration of Cisco catalyst 6500/2950/2960 and ME3400 series switches Proficient in Cisco IOS for configuration & troubleshooting of routing protocols: OSPF, EIGRP and resolved Spanning tree related issues Sound knowledge of Routing, Switching concepts Worked on Routers & Switches: C3560, C3750, Cisco 2811, ME3400, Cisco 6500 Configuring ASA 5505 box for home VPN connection and troubleshooting IP phone network related issues Configured Security policies including NAT, PAT and Access Control Lists. Maintaining and updating inventory of all network hardware, Management and Monitoring by use of Cacti Moderate knowledge in configuring and troubleshooting Cisco Wireless Networks: LWAPP, WLC, IEEE 802.11 a/b/g, RF spectrum characteristics, ISE Experience in configuration of VLAN with 802.1q, VTP, STP and RSTP (802.1W) Sponsorship required to work in the US Work Experience Network Engineer Tata Communications Ltd October 2014 to Present Responsibilities: Data Center Operations - Network Cabling(Copper and Fiber), Loop Back testing, Switches and Routers health monitoring, Tape/Back Management, Maintenance and Troubleshooting, Replacing faulty hardware such as Catalyst 6509 SUP card, Replacing Turin NGE card, Compact flash card, Password reset or recovery via console port, Troubleshoot when device is in ROMMON mode, Device migration and planning, WAN link testing after maintenance Configuration and troubleshooting of Cisco 2900, ME3400, 3560, 4948, 6500 switches and Cisco 2811, 2821, 7200 Series routers. Configured BPDU Guard, port-fast, spanning tree features and troubleshooting Impact Analysis, Planning/arranging remote hands support and upgraded IOS successfully for more than 100 devices that includes Cisco 5500 series WLC, Cisco 2900, ME3400, 3560, 4948, 6500 switches and Cisco 2811, 2821, 7200 Series routers.

Upgraded software, License in f5 load balancer and have understanding about LTM - load balancing, pools, virtual server, pool members and types of load balancing and monitoring status Experience in coordinating new change or implementation with different teams Experienced in

Cisco IOS for configuration & troubleshooting of routing protocols: OSPF, EIGRP, RIP Possess Data Center Design Experience, Racking/Installing and Configuring Network Devices in a Data Center including patching the cables in the Patch Panel. Configured VLANs with 802.1q tagging, Ether channels, and Spanning tree for creating Access/distribution and core layer switching Basic configuration of routers, switches and Configuring DNS, Binding MAC to IP address, reserving IP pool in Infoblox, assigning new IPs for a project based on their requirement Adding devices in Cacti tool to generate graph for historical view of interface status, CPU and memory utilization Involved in WAN testing coordinating with multiple vendors moving to different sites as needed Possess moderate knowledge in VSS mode of catalyst 6509 switch operation Network Administrator Tata Communications Ltd - Chennai, Tamil Nadu July 2012 to September 2014 Responsibilities: Resolving network incidents, tickets and implementing changes for both TCL Intl and India enterprise setup Providing Network Operations support services for Windows 2000 based web application and database servers Key contributions include troubleshooting of complex LAN/WAN infrastructure that include routing protocols EIGRP, OSPF. Configuring ACL to allow only authorized users to access the servers. Participated in on call support in troubleshooting the configuration and installation issues. Performed network troubleshooting, second level technical support, and tape backup operations. Manage the day-to-day provisioning and new set up in pipe line Troubleshooting Wi-fi issues, checking the interference in Cisco LWAP, Collecting logs from ISE. Served as a main escalation point of contact for level II personnel. Configured HSRP and VLAN trucking 802.1Q, Spanning Tree, VLAN Routing on Catalyst 6500 switches. Hands on experience in Upgrading IOS, troubleshooting network outages Closing out Security Audit points on Cisco Switches, Routers and Wireless APs, WLC Coordinated with higher-level support and external vendors for resolution. Troubleshoot TCP/IP problems; troubleshoot connectivity issues in multi-protocol Ethernet, Environment. Handling data network issues in and around sites and providing solutions Manage office network with Cisco devices that includes 2900, 6500, 3500 series switches Did end to end maintenance activity - Impact Analysis, Preparing plan of action, getting necessary approvals, arranging Onsite site support, Billing, notifying users about impacted

services, carrying out maintenance activity, Post implementation testing and Notifying users back about service restoration. Maintaining Master Data Base for all networking devices - Labelling physical devices in data center, Tracking EOL/EOS for networking devices Prepared data center network set up diagram Junior Network Engineer Citi Bank - Chennai, Tamil Nadu June 2011 to May 2012 Responsibilities: Experienced on Cisco IOS and Upgrading Cisco IOS using TFTP server. Backups of Cisco router configuration files to a TFTP server. Monitoring network devices and generating health report and recommending maintenance activity to be performed. Raising tickets with vendor and identifying solutions/root cause for network outage. Basic configuration of routers, switches, hubs, modems and other networking devices. Troubleshoot all networking problems to ensure minimum downtime and maximum availability of network Manage office network with Cisco devices with network devices including 2500 and 3600 series routers and 3500, 2900, 1900 series switches. Configured VLANs, VTP and Trunking on switches. Configured L2 and L3 security features on devices. Hands on Experience in Inter-vlan routing, redistribution, access-lists and dynamic Natting. Education Bachelor of Engineering in Electrical and Electronics Anna University - Chennai, Tamil Nadu 2010 Additional Information TECHNICAL SKILLS: Networking Equipment Cisco 2900, 6500, ME3400 series switches, Cisco 2811, 2821 series Cisco routers, RiverBed, F5 Load Balancer Routing Protocols RIP v1 & v2, EIGRP, OSPF, VRRP, HSRP, GLBP LAN technologies Ethernet/ Fast Ethernet/ Gigabit Ethernet networks, VLANs, VTP, STP, 802.1q WAN technologies Frame Relay, PPP and leased lines WLAN Technology 802.11 standards, Cisco Lightweight APs Infrastructure services DHCP, DNS, TFTP Communication Protocols TCP/IP, IPv6, ARP, VLAN (802.1q, ATM), PPP, SSH, Frame Relay, Platforms Windows 98/XP/VISTA, 7, 8.1 and LINUX-Shell Scripting Applications MS Office, MS Visio

Name: Tracey Rodriguez

Email: mark03@example.com

Phone: 508.893.0488x755