

Dedicated Network Engineer with 5 years of experience in designing, implementing, and maintaining secure and efficient network infrastructures. Proficient in troubleshooting and optimizing network performance, as well as ensuring data security and system reliability. Adept at collaborating with cross-functional teams and providing excellent customer service. Continuously striving to expand technical knowledge and stay current with industry trends.

Professional Experience

MAR/2024 – PRESENT

TATA Consultancy Services (TCS) - (Pay roll at Right Avenue Infotech Pvt Ltd) / Chennai, TamilNadu.

Post Held: Network Engineer – Network (NOC – Provisioning and configuration)

Rolls & Responsible:

- Configuring and troubleshooting routing protocols such as BGP and OSPF for effective communication on cisco routers
- working on switching related tasks including implementing VLANS and configuring ISL Trunk and configuration of ether channel and Port configuration based on client requirement.
- Upgrading the IOS on the Cisco catalyst switches like 9300 and 3650 and Nexus 9K switches and saving the old system configuration and running configuration.
- Troubleshooting VLAN, STP, Switch trunks and IP conflict issues.
- Involving in F5 BIG-IP LTM load balancer enable/disable activity in node and pool level to maintain local traffic.
- Working knowledge in Infoblox for DNS and DHCP hostname/ IP changes based on client requirements.
- working knowledge in Meraki portal to troubleshoot connectivity issue in Meraki devices.
- Engaging CISCO for raising RMA if any hardware failure related issue.
- working experience in MPLS layer 3 VPN, involving VRF, Route Distinguisher (RD), Route target (RT), label Distribution protocol (LDP), MP-BGP.
- Adding routes under VRF and static routes and IP prefix list and allow/deny IP routes under ACL in routers and switches based on client requirement.
- Using Ticketing tools like Moog soft , Service Now for checking the incidents and using Monitoring tool Spectrum for checking alarms and monitor device status.

Managing software tools like Secure CRT, Moog soft, Service Now, Spectrum, Putty.

DEC/2022 – JAN/2024

Bharti Airtel Limited (Pay roll at Indovision Services Pvt Ltd) / Chennai, TamilNadu.

Post Held: NOC Engineer – Network (NOC – Provisioning and configuration)

Rolls & Responsible: MPLS core network activity. (New implementation)

- Configuring EBGp, OSPF & STATIC protocol in MPLS network (CISCO).
- Implementing NNI between MPLS & MPBN network using EBGp & STATIC protocol.
- Configuring new DCN, 2G, 4G, 5G & Telemedia service in CISCO and NOKIA routers.
- Configuring L3/L2VPN, IPV4 & IPV6.
- Configuring VPLS in Nokia routers.
- Creating VRF in cisco router and VPRN in Nokia router.
- Attending troubleshoot call of EBGp, OSPF, STATIC, 4G and 5G services.
- Handling configurations of cisco, Nokia routers.
- Configuring route summarization, prefix addition and route policy on EBGp service
- Knowledge in MPLS routing protocol and switching protocols Like VTP, STP, VLAN.

Managing software tools like Cygnet, Ingress, Atom, Putty.

NOV/2017 – NOV/2022

I have worked as a Credit process Associates in Various Banks & Finance, Trichy, TamilNadu.

SEP/2014 – AUG/2017

Systech Hardware & Networking Academy (P) Limited / Trichy, TamilNadu.

Post Held: Network Support Engineer

- Configured and installed Cisco Network Devices such as Routers, Switches.
- Responsible for Installation, Maintenance and Configuration of routers and switches.
- Troubleshooting / Configuring routing protocols – STATIC ROUTE, OSPF, BGP, MPLS.
- Hands on experience all types of network cabling, Assembling, Upgrading, Troubleshooting & Maintenance of Computers.
- Diagnosed network issues encompassing hardware, software, power, and communications problems.

TECHNICAL SKILLS:

- Cisco Routing & Switching.
- TCP/IP protocols.
- VPN & Firewall Management.
- Network Monitoring Tools (Spectrum, Moog soft, Service Now)
- Load Balancer: F5 BIG-IP LTM (Local Traffic Management)
- DNS & DHCP Management.
- BGP & OPSF protocols
- Meraki Management.

EDUCATION:

- B.E – ECE (TRICHY ENGINEERING COLLEGE) TRICHY – 2011

TECHNICAL COURSES:

- Hardware & Networking
- Cisco Certified Network Associate (CCNA)
- Cisco Certified Network Professional (CCNP)

PERSONAL DETAILS:

Date of Birth : 21.07.1990
Nationality : Indian
Passport Number : J9861599
Language Known : English & Tamil

Declaration:

I hereby declare that all the details given above are true to the best of my knowledge and belief.

Date:

(MADURAM M)

