

JOB SPECIFICATION

Position: Manager – Network Development

Reporting to: Head of IP Service Planning and Engineering (Parag Palsapure)

Department: CTO / IP Service Planning and Engineering

Location: DAKC (Navi Mumbai, India)

Key Business Objective:

The primary purpose of this role is to expand and develop the Global IP/MPLS network with new POPs, new regions and partner integration, and provide highest quality L2/L3 VPN and internet transit services to RGCOC customers, optimization for performance and costs, and enabling new services on the infrastructure. The candidate shall have good research skills, able to see industry trends, envision services of the future, and enable the same on the RGCOC network.

Key Performance Indicators:

- Network performance (Service Uptime, throughputs, RTD, Packet-loss, Jitter, Security events etc)
- Network Scaling (New POPs, Coverage/NNIs, Capacity scaling)
- Cost of delivering services
- Enabling new services or service differentiators
- Traffic, customer and revenue growth
- Accuracy, timeliness and quality of project deployment, reporting and proposals

Overview – Role Summary:

Responsibilities:

- Analyze business plans and prepare traffic forecasts of various routes/segments. Network capacity and port planning, network and POP designs, Capex plans and proposals to develop and high-performance, resilient and scalable global network
- Coordination with field engineering and operations for Network deployment and integration. Recommend and implement network changes to meet and exceed SLA.
- Optimal use of network resources – equipment, spares, space/power/facilities, backbone capacities and cross-connects to minimize cost of delivery of services, and traffic engineering
- Perform against all key performance indicators.
- Develop network capacity planning, deployment and sparing policies, standard network designs, and specifications for equipment, facilities and backbone transport circuits. Create and maintain highest quality documentation.
- Ensure maintenance of accurate database and documentation for all POPs, network links, deployed equipment, spares and stocks, capacities, costs and network performance.
- Regular reports to alerts to proactively keep all stakeholders up-to-date on the network and service performance, network resource utilization (capacity, equipment, sparing etc), progress of all projects and activities, network/service threats/risks and trends in the industry, and initiate proposals for expansion and/or optimization.
- Liaising with NOC regularly to ensure SLAs and customer expectations are met or exceeded, liaising with product, cross-functional teams, customers and partners for developing customized services.
- Provide regular training technical and cross-functional staff as necessary
- To respond immediately to any requests escalated.

Contact with Others:

Internal: Communication across the business within Engineering, Transport, Facilities, Operations, Product and Commercial

External: Communication with Partners, Off-net capacity and Equipment Suppliers as necessary

Who can Apply:

Educational Qualification:

Bachelor's Degree in Engineering

Work Experience:

~6-10 yrs of relevant experience

Required Attributes (skills & experience):

- Expert in Network Planning and Engineering (IP/MPLS based carrier networks – wholesale or large retail), capacity forecasting, planning and trend analysis, traffic engineering
- Excellent knowledge of Juniper M, T, and MX series routers, Cisco, and Extreme switches: Capabilities, features and limitations, interoperability, capacities and engineering rules etc.
- Excellent knowledge about Transport technologies (SDH/SONET, LAN-Phy/WAN-Phy, EPL/EoSDH), Layer-2 VPNs, (EoMPLS, VPLS, with Kompella and Martini implementations), RFC2547 based L3 VPNs, Internet services, and peering.
- Excellent in writing technical documentation, data management, and structured reporting, Capex plans and project proposals
- Project management skills
- Tools such as MRTG, Provisio, Arbor, Vitalsuite, Ethernet and IP Testers. Desirable scripting skills CGI, Perl, Looking Glass, Network management and DCN
- Knowledge about BGP, MPLS, IPv4, IPv6, DNS, security threats etc
- Juniper (preferable) and Cisco advanced skills, and certifications
- Desirable - knowledge about regulations in various countries

Also

- Excellent communication skills, written and verbal, fluent in written and spoken English
- Excel, Visio, and Power Point skills
- Good eye for detail, 100% accuracy is required
- Logical thinker, good organizational skills and ability to prioritize daily workload
- Be able to demonstrate proactively in all aspects of the role
- Ability to adapt to multinational organization with diverse cultures
- Ability to multitask, ability to work under pressures
- Effective Team Player. Ability to establish excellent relationships with Operations and Product management

To apply for this position, please send your updated CV to careers@relianceglobalcom.com with 'Manager – Network Development' in the subject line.