Senior Network Engineer

JTL-NCO-SNE-02-25 | Engineering | Full-Time | Posted on April 15th, 2025 | Expires on March 14th, 2025

We are looking to recruit a Senior Network Engineer who will be responsible for the management of MPLS network and IP provisioning services.

SENIOR NETWORK ENGINEER JOB RESPONSIBILITIES

• Participate in the design, testing, implementation, operation and maintenance the Company's IP network, Network hardware, network management systems, and interconnections with third parties.

• Managing large IP-MPLS networks and proficient in IP protocols (BGP/IS-IS and OSPF).

• Oversee Network high-availability dimensioning and optimization.

• Analyze statistics, logs and alarms from monitoring systems to maintain network health and take preventive actions as appropriate; making use of Performance tools: SNMP, NetFlow and SYSLOG.

• Assist in network capacity forecasts and planning of upgrades.

• Champion new Projects assigned to the IP Networks Team.

• Implement best practices such as ACLs, firewall policies and BGP route filtering and router software upgrades.

• Identify key areas of improvement in the network and suggest solutions.

• Develop network automation scripts using Python, Netconf/YANG and REST APIs.

• Be willing to research and keep abreast on new technologies.

• Liaise with vendors and service providers as required.

• Document the network architectures, configurations and Troubleshooting procedures.

• Available during network outages and be ready to engage any time of day/night.

• Provisioning of circuits for new customers.

• Participate in on-call Rota.

QUALIFICATIONS FOR SENIOR NETWORKENGINEER ROLE

• Degree in Electrical and Electronics Engineering, BSC computer Science Telecommunications and Information/IT Engineering.

• Valid CCNP/JNCIP certificates (latest Versions), or a closely related field of expertise. CCIE will be an added advantage.

• At least 3 years' experience in a similar role

• Deep Knowledge of MPLS technology (LDP, RSVP-TE, L2VPNs and L3VPNs)

• Hands-on with network devices (CISCO, JUNIPER, NOKIA and ZTE).

• Self-awareness, assertiveness and Self-motivated individual.

Location: Nairobi

Department: Network Operations

Job Type: full-time