

Network Engineer

Location of the job: Clarkesville, GA

Reports to: NOC Supervisor

Compensation: We offer a competitive compensation package based on experience

Date: December 19, 2016

FLSA Status: Non-Exempt

Job Description

This person's main responsibility will be to plan, design, implement, maintain and support NGN's routing and switching environment by identifying network requirements, provisioning new services, installing upgrades and monitoring network performance essential to operating a quality fiber-optic network system. This individual must be a self-motivated individual who is capable of building and maintaining large and complex projects relating to routing and switching in the service provider environment. They must possess the ability to complete technical projects from network project management to CLI provisioning.

Job Responsibilities

- Establishes network specifications by conferring with users; analyzing workflow, access, information, and security requirements; designing router administration, including interface configuration and routing protocols.
- Establishes network by evaluating network performance issues including availability, utilization, throughput and latency; planning and executing the selection, installation, configuration, and testing of equipment; defining network policies and procedures; establishing connections and firewalls.
- Maintains network performance by performing network monitoring and analysis, and performance tuning; troubleshooting network problems; escalating problems to vendor.
- Secures network by developing network access, monitoring, control, and evaluation; maintaining documentation.
- Upgrades network by conferring with vendors; developing, testing, evaluating, and installing enhancements.
- Updates job knowledge by participating in educational opportunities; reading professional publications; maintaining personal networks; participating in professional organizations.
- Protects organization's value by keeping information confidential.
- Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments.

Minimum Requirements

- Extensive knowledge of subnetting (Required)
- Switching expertise in Layer 2 (Required)
- Routing expertise in Layer 3 (BGP, OSPF, ISIS, RIP) (Required)
- Expertise in service provider MPLS
- Experience with VPNs including IPSEC, GRE (Preferred)
- Network monitoring and troubleshooting - SolarWinds, Wireshark
- Working knowledge of Allied Telesis iMAP, iMG service platform
- Experience with Juniper, Brocade MLX and Cisco ASR / Catalyst switching platforms
- Working knowledge implementing and supporting DNS, SNMP, RADIUS, SYSLOG
- Experience with access control list (ACLs), TCP/IP, VLAN, VRF, Port Security, Traffic Shaping, Priority Queuing, Class of Service (CoS), Quality of Service (QoS) and IP routing

- Experience with the design, provisioning and troubleshooting of WAN and LAN connectivity technologies
- Excellent verbal and written communication skills
- Ability to work under pressure and deliver results
- Ability to multi-task, prioritizing multiple objectives and initiatives
- Professional, business-focused attitude
- Strong customer service oriented and ability to interact with clients, staff, and management

Education

- Bachelor's Degree in Information Technology, Computer Science, Engineering or related field, 10 years experience in lieu of degree
- Industry Certifications, CCNA, CCNP, CCIE, JNCIE (preferred)

Desired Attributes

- Ability to interact with community and business leadership in a positive and professional manner
- Ability to interact with multiple business partners
- Thrive in a flexible, fast-moving environment focused on technology development
- Excellent communication skills
- Exhibit strong organizational skills with the ability to facilitate multiple assignments simultaneously and meet deadlines
- Utilize strong communication (oral and written) and interpersonal skills, be a self-starter, a decision-maker, flexible, self-directed and a team player.
- Demonstrate strong analytical and problem solving skills, a commitment to accuracy, and attention to detail

To apply, please e-mail a cover letter and resume to david.little@ngn.coop.
The North Georgia Network Cooperative is an EOE M/F/V.