



<https://reliablestaffing.com/job/director-business-engineering-lab-full-time-rscny4403/>

## Director, Business Engineering – Lab-Full Time-RSCNY4403

### Description

ORANGE COUNTY

The Director for Lab Business Engineering is responsible for leading and managing testing and certification of L2/L3 protocols and outdoor wireless networks to support services and customers across Mediacom network.

#### GENERAL RESPONSIBILITIES:

Qualified candidate will work closely with Design, Service Engineering, Sales and Operations teams to provide detailed engineering, operational support and consultation and have the following key responsibilities

\*Lead and deliver technical solutions to transfer knowledge and information to other teams to ensure the success of new deployments, reliability, and expansion of the network

\* Deliver technical solutions to other teams to ensure reliability and expansion of the network

- Organize and follow up review of test plans and documents with architect, test plans and results
- Generate written engineering documents to support new deployments reducing implementation errors and ensuring deployment success
- Complete engineering tasks for all assigned projects and work closely with operations and sales engineering to provide operational and technical support
- Maintain lab project spending to budget on assigned business
- Determines test and configurations to be used in the production environment for platforms across multiple vendors
- Design plans that meet forecasted demand that promotes scale, reliability, and efficacy of the network.
- Participate in new product introduction project, including testing and documentation activities
- Provide informational guidance and support to the new team members as well as

### Industry

Engineering

### Qualifications

PREFERRED EXPERIENCE / SKILLS:

- Bachelor's degree in electrical engineering or computer science is required. Master's degree is a plus.
- 5+ years' experience on network engineering and/or related technical roles architecture and technology planning for Ethernet and/or IP networks in carrier and enterprise service provider environment.
- Experience and strong understanding of network design and architecture for IP/MPLS network, as well as layer 2 and layer 3 switching and routing protocols: OSPF, BGP, LDP, RSVP, MPLS, QoS, Multicast, Ethernet technologies: VLANs, IEEE 801.1Q, QinQ, HSRP, ERPS carrier ethernet, OAM, CFM, Y.1731.
- Ability to deliver stable and reliable result when working on engineering lab certifications
- Multi Vendor platform expertise. Spirent and testing experience are additional advantage
- Candidate must have the ability to work independently as well as in a team
- Relevant work experience, including field work, experience in POP, carrier hotels is a plus

detailed engineering support and consultation to other teams SPECIFIC RESPONSIBILITIES:

- Lead the design and test Ethernet and IP networks (Ethernet over Fiber, Ethernet over PON, Ethernet over Coaxial, MPLS & MPLS-T Technologies)
- Knowledge of Layer 2 network design and standards, including Ethernet WAN technologies, MEF services (ELINE, ELAN, E-Tree, E-Access, EVPN), IEEE standards 802.1ad QnQ, 802.1q VLAN tagging, Ethernet OAM 802.3ah and 802.1ag.
- Experience with routing protocols BGP, EIGRP, OSPF, and RIP.
- Implementing a resilient network with redundancy and rapid fail over using MPLS, LACP, G8032
- Implementing security – protection against flooding, denial of service, etc.
- Traffic management and optimization – traffic shaping, classification, policing, queuing, scheduling
- Network Management, performance measurement, fault management, access security.
- Generate and implement Engineering Design Documentation for new network builds or augmentations. Includes engineering of all aspects of Layer 2 thru Layer 4 IP services delivery
- Perform network maintenance, diagnostics work and provide technical support to cross-organizational teams and engineering associates
- Develop, provide, and maintain positive communication with vendors for diagnosing and rectifying problems and candidate possesses strong inter-personal communication skills
- Follow up with the other teams to make sure issues are resolved
- Ability to work well under pressure, meeting multiple deadlines • Perform other duties as requested by supervisor
- Strong interpersonal and communication skills
- Strong analytical and problem-solving skills, with an ability to assimilate, analyze and correlate large amounts of forensic data from various network, operating system, application, and security devices, logs, and alerts.

#### **Job Location**

501 Fifth Avenue, 3rd Floor, 10017, New York, New York, United States

#### **Date posted**

March 6, 2024

#### **Base Salary**

\$ 70

- Excellent communication and presentation skills with the ability to clearly articulate findings

- Ability to learn new technologies, troubleshoot IP and Ethernet services networks

- CCNP required

- MEF GECP certification is a plus

- Layer 2 and knowledge of MEF standards Highly desirable

#### **Button**

Button

**Employment Type**

Full-time

**Hiring organization**

Reliable Staffing Corporation

**Contacts**

RSCNY4403