OVERVIEW

From the valued customers we connect through our innovative communications services, to the employees we unite through exciting career opportunities, Cox is all about bringing people together and enhancing their lives.

The third-largest U.S. cable company, Cox serves approximately 6 million residences and businesses. Cox Business is a facilities-based provider of voice, video and data solutions for commercial customers, and Cox Media is a full-service provider of national and local cable spot and digital media advertising.

Cox is known for its pioneering efforts in cable, telephone and commercial services, industry-leading customer care, and its outstanding workplaces. We are always looking for talented professionals to join our team! Cox offers competitive salaries, an excellent benefits package (healthcare and 401k matching) and a best-in-class working environment.

For nine years, Cox has been recognized as the top operator for women by Women in Cable Telecommunications; Cox has ranked among DiversityInc's Top 50 Companies for Diversity 11 times. More information about Cox Communications, a wholly owned subsidiary of Cox Enterprises, is available at www.cox.com and www.coxmedia.com

Roles and Responsibilities

Cox Communications is searching for a Network Engineer I. This role will perform engineering activities with knowledge & skills associated with the following technologies: IP Routing Protocols: OSPF, ISIS, BGP; Multi-Protocol Technologies: LDP, RSVP; IP Protocols: TCP, UDP, BFD; Ethernet Technologies: gigE, 10 gigE, VLANs, 802.1Q (VLAN tagging), 802.1P (layer 2 QoS), VRRP, HSRP; QoS Capabilities: classification, marking, queueing, policing. CGN (Carrier Grade NAT) Design/Test

Primary Responsibilities and Essential Functions
Design and test network architectures.
Test and validate code functionality to be used in the production network across multiple vendors
Assess and define testing strategy and test cases.
Assist in equipment evaluations, equipment selection, pilot testing and network designs to ensure reliability and scaled expansion of the network.
Assist in preparing engineering cost analysis to optimize return on investment
Assist in implementation of plans that enhance technical operation, compliance with rules and regulations, and permit the deployment of new technology.
Support deployments of new services, systems, applications and architectures with installation, configuration, integration, evaluation, testing, documentation, and training.
Resolves outage and trouble conditions on network platforms. Engages vendors as needed for support and for executing on vendor identified actions during issues
Responsible for the upkeep and maintenance of network platforms
Partners with change management for impact identification, network validation, MOP creation and execution of activities
Ownership of platform reliability reporting, platform quality, reliability, proactive reporting
Provide technical operations support and consultation to field technical operations teams.
Provides telecommunication solutions to increase operational efficiencies, and expand network services.
Conducts equipment evaluations, equipment selection, pilot testing and network designs to insure reliability and scaled expansion of the network. Prepare engineering cost analysis to optimize the return on investment.
Provides detailed engineering support and consultation to other departments.
Develops network element technical specifications.
Supports new product deployments with installation, integration, testing, documentation, and training. Develops methods and procedures for troubleshooting.
Makes specific recommendations and assists in implementation of plans that enhance technical operation, compliance with rules and regulations, and permits the deployment of new technology.
Defines and compiles the methods of procedures and documentation to support personnel in the maintenance and day-to-day operation of the network.
Develops and executes detailed network designs and architectural plans for network applications.
Designs may include routed IPs, MPLS, or Internet topologies.
May configure any or all of the following: router and switch technologies.
Establishes network performance measurements and goals.
Works with vendors to ensure equipment is installed and operating properly and resolves problems. Develops and implements proper operation and procedure for new technologies.
May work closely with customers, directly or indirectly through Sales Engineers, to identify network needs that impact network design and support requirements.
Responsible for all aspects of local network management and network management devices.
May manage projects within Technology Operations Engineering to confirm delivery intervals and validate critical dates and milestones to ensure delivery of services stay on target.
Coordinates with other departments to ensure the network is available and configured to exceed market demands. This includes the support of software upgrades and configuration changes and assisting technicians, SOC and NOC in troubleshooting outages and resolving escalations as appropriate.
Facilitates communications with employees and other departments by holding or attending meetings, preparing reports, and participating on task forces.
Develop methods and procedures for equipment migration (commercial).
May perform reliability studies and assessments to ensure Cox is the Trusted Provider.
Education and Qualifications

Qualifications

Minimum
1+ year of experience preferred in related field (i.e. Engineering, Technical Operations)
Requires strong knowledge of engineering including transmission, switching, powering, 
grounding, mechanical, and cabling. Working knowledge of various manufacturers’ 
telecommunications equipment.
Demonstrated troubleshooting and diagnostic capabilities.
Excellent interpersonal, leadership, presentation, and collaborative skills to work effectively with 
teams throughout organization

About Cox Communications

Cox Communications is a broadband communications and entertainment company, providing 
advanced digital video, Internet, telephone and home security and automation services over its 
own nationwide IP network. Cox Business is a facilities-based provider of voice, video and data 
solutions for commercial customers, and Cox Media is a full-service provider of national and 
local cable spot and digital media advertising. Cox is known for its pioneering efforts in 
broadband, voice and commercial services, industry-leading customer care and its outstanding 
workplaces. More information about Cox Communications, a wholly owned subsidiary of Cox 

Cox is an Equal Employment Opportunity employer - All qualified applicants/employees will 
receive consideration for employment without regard to that individual’s age, race, color, religion 
or creed, national origin or ancestry, sex (including pregnancy), sexual orientation, gender, 
gender identity, physical or mental disability, veteran status, genetic information, ethnicity, 
citizenship, or any other characteristic protected by law.

Organization: Cox Communications, Inc.

Primary Location: US-NV-Las Vegas-1700 Vegas Dr

Employee Status: Regular

Job Level: Individual Contributor

Shift: Day Job

Travel: Yes, 5 % of the Time

Schedule: Full-time

Preferred Skills

Preferred

BS/BA degree in related discipline strongly preferred (i.e. Engineering or Computer Science).

Prefer certification in IP technologies: CCNA, JNCIE-ENT
Experience in telecommunications industry desired.

**How to Apply**
https://goo.gl/pPYDQJ