

JOB TITLE: Network Engineer

Network Operations Engineering Tasks

Manage day-to-day network operations to include routing and switching, network monitoring, load-balancing, and management of VPN appliances.

Replace network infrastructure such as Cisco switches, wireless controller systems, access points, and telecom equipment.

Ensure network logs are transmitted to the security information and event management (SIEM).

Assist in reviewing and implementing customer changes consistent with existing policies.

Review and update documentation to ensure consistency with current procedures.

Work outside of normal business hours to support outage resolution, planned maintenance, or to implement an upgrade.

Follow industry best practices, NIST guidance, and agency policies to identify potential issues and inefficiencies in CBO's network infrastructure and provide options for resolving them.

Perform other related duties.

Respond to urgent requests to restore service and address other high priority needs, including break fix when network infrastructure is down or severely impaired affecting:

- o Business critical applications
- o Server infrastructure, as a whole or partially
- o User connectivity, as a whole or partially

QUALIFICATIONS

Minimum six (6) years of experience configuring and administering network technologies such as Cisco, managing site-to-site IPSEC connections to minimize and eliminate network downtime for mission critical applications.

- Hands-on configuration, optimization, and troubleshooting for the Internet backbones, network fabric, data center interconnections, and remote access, which are traversing multiple platforms

including on-premises and in the cloud, routing and switching, hardware and software, load-balancing VPN appliances, Wireless controller systems, Access points, and telecom equipment.

- Ability to perform continuous monitoring of the network infrastructure by utilizing, managing, and configuring network monitoring tools.
- Ability to work both independently and within a team environment.
- Ability to work in a fast-paced environment while maintaining outstanding customer service skills.
- Proficiency in explaining complex policies and protocols in simple terms.

PREFERRED EDUCATION: Bachelor's degree in an IT-related field.

PREFERRED CERTIFICATIONS: CCIE, CCNA, CCNP, CNE.

SECURITY CLEARANCE: The candidate shall obtain favorable FBI criminal checks and be fingerprinted at the U.S. Capitol Police headquarters in Washington, DC prior to starting work under the contract. The Contractor employees may need to complete additional training as required by CBO to meet cybersecurity, computer access, and content management requirements. The Contractor shall maintain the confidentiality of all agency information (see clause CBO 239-01, Security for Confidential Information).

SCHEDULE OF WORK: Employees will generally work up to 40 hours per week, excluding federal holidays or days the client agency is closed.