SENIOR NETWORK ENGINEER

Job Description

The Senior Network Engineer designs, builds, deploys, installs, troubleshoots and provides support for network systems and related cloud services. Responsible for local and wide area network configuration and management of customer infrastructures. Provides advanced technical and engineering support, and deploys and configures networking hardware and software. Tests and assesses network systems, solves problems, and develops and implements effective solutions.

Responsibilities

· Evaluates and analyzes network systems, performance, traffic, capacity and metrics
· Designs network layouts and builds network systems using various products
· Designs, installs, maintains and supports LAN, WAN and VOIP infrastructures
· Performs preventative and fault isolation maintenance on existing networks
· Designs, configures and manages network security features for custom networks
· Configures, monitors, and maintains servers to ensure network and system integrity
· Supports operational and maintenance phase for as-built systems
· Supports data center operational responsibility
· Supports acquisition of hardware and software as needed
· Provides guidance and work leadership to less-experienced network personnel
· Maintains current knowledge of relevant technology as assigned
· Assists in the development of guidelines and procedures for administration and security best practices
· Participates in special projects as required

Technical Skills Required

· Design, implementation, and support of network infrastructures
· Advanced knowledge of Cisco technologies
· Networking standards and best practices
· Wired and wireless networks
· Application delivery controllers
· Security and VPN solutions
· Link aggregation, spanning tree, span/rspan and tracing network issues
· Cisco and Juniper router installation, configuration, troubleshooting, maintenance
· Cisco and other vendor switches and firewalls installation, configuration, troubleshooting, maintenance
· Must be able to troubleshoot using the OSI Model

Qualifications

· Bachelor's degree in Computer Science or Engineering, or a related technical discipline, or the equivalent combination of education, certifications and work experience
· 7 to 10 years of relevant experience in network analysis, design, installation and maintenance
· 5+ years of experience with Cisco routing and switching technologies
· Solid experience with advanced engineering and administration of multiprotocol routers, multilayer switches, network security devices and network management systems
· Excellent problem solving, analytic, and communication skills
· Ability to work effectively in a small team environment
· Self-starter with ability to accomplish tasks in a timely manner with minimal supervision
· Ability to work occasional evenings and/or weekends as job duties demand

Travel: 5% or less   **Reports To:** Chief Technology Officer
Classification: Full-time, Exempt   **Direct Reports:**   None