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, management of customer infrastructures, systems planning, capacity planning, testing and validation. Provides technical and engineering support, and deploys and configures networking hardware and software. Tests and assesses network systems, solves problems, mitigates risks, and develops solutions.

Responsibilities

· Manages and configures network hardware and software, operating systems and attached devices
· Performs technical planning, system integration, verification and validation
· Designs, installs, maintains and supports LAN, WAN, video and VoIP infrastructures
· Troubleshoots technical issues, and develops and implements solutions
· Designs, configures and manages network security features for custom networks
· Performs preventive and fault isolation maintenance on existing networks
· Creates and maintains as-built and other systems drawings (flowcharts, diagrams)
· Supports operational and maintenance phase for as-built systems
· Supports data center operations
· Participates in special projects as required

Technical Skills Required

· Design, implementation, and support of network infrastructures
· Engineering of multiprotocol routers/switches, network security devices and firewalls, and network management systems
· Provisioning and troubleshooting circuits
· Windows and Linux operating systems
· Familiarization with virtualization technologies including VMware
· Security and VPN solutions
· Application delivery controllers
· Link aggregation, spanning tree, span/rspan and tracing network issues
· Enterprise applications including MS Remote Desktop and Visio
· Cisco and Juniper routers, switches, firewalls - installation, configuration, and maintenance

Qualifications

· Bachelor's degree in Computer Science or Engineering, or a related technical discipline, or the equivalent combination of education, certifications and work experience
· 12+ years of relevant experience in network/systems analysis, design, installation, and maintenance
· 12+ years of experience with Cisco routing and switching technologies
· Strong problem solving, analytic, and communication skills
· Self-starter with ability to work effectively in small team environment with minimal supervision
· Capable of lifting and moving information technology equipment up to 50 pounds
· Ability to work occasional evenings and/or weekends as job duties demand
· Must be able to obtain/maintain security clearance which requires U.S. citizenship

Travel: 5%   **Classification:** Full-time, Exempt   **Location:** Gainesville, VA