



## NETWORK SYSTEMS ENGINEER

### Job Description

The Network Systems 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 and VoIP infrastructures
- Configures, monitors, and maintains servers to ensure network and system integrity
- Virtualizes applications, servers, storage and networks
- Designs, configures and manages network security features for custom networks
- Performs preventive and fault isolation maintenance on existing networks
- Troubleshoots technical issues, and develops and implements solutions
- 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, network management systems
- Windows and Linux operating systems
- Virtualization technologies including VMware (version 6.5 and above)
- 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
- Troubleshooting 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
- 5+ years of relevant experience in network/systems analysis, design, installation and maintenance
- 5+ 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 computer equipment up to 50 pounds
- Ability to work occasional evenings and/or weekends as job duties demand

**Travel:** 5%

**Classification:** Full-time, Exempt

**Reports To:** Chief Technology Officer

**Direct Reports:** None