



Senior Network Engineer

Nlets is a 50 year old not-for-profit with a business model for the interstate exchange of criminal justice information for justice and public safety professionals and a new and growing business model reaching more customers in both the governmental and private sector with over 2.1 billion messages exchanged in 2018. We are seeking a highly skilled and enthusiastic individual, but even more importantly someone who is enthusiastic about using their hard won skills making a difference; making America safer; catching the bad guys and keeping law enforcement officers safe in both the US and Canada.

The Senior Network Engineer is a key member of the Nlets team. This position is responsible for the engineering, operation, support, and maintenance of the company-wide network (data and/or voice), Cloud hosted network environment and/or security infrastructure including: analysis and support for one or more of the following: routers, switches, hubs, load balancers, sniffer/packet decoders, firewalls, VPN concentrators, wireless infrastructure and IP Telephony. This individual will work closely with others within Network Services and will provide technical support with regard to the network and/or security infrastructure. Serve as a liaison with vendors and other third party providers. Operate under minimal supervision with wide latitude for independent judgment.

Key Areas of Responsibility:

- Configure, analyze, optimize and maintain network WAN and LAN infrastructure hardware, network management systems, IP telephony system and internal wireless infrastructure
- Install, configure, optimize and maintain 4G wireless backup solution
- Maintain configure and optimize Internet hosting routing using BGP
- Conduct feasibility studies on strategic and tactical network plans, maintaining thorough knowledge of existing network and/or security hardware in use to provide third-tier technical and administrative support, monitor, and evaluate the efficiency of the network
- Configure and maintain Access Control Server (ACS) to leverage TACACS+ and Radius authentication policies. Provides mentoring and knowledge transfer for support staff of technologies developed and implemented
- Develop, support and implement network standards, processes and security to maintain IT standards
- Resolve trouble tickets assigned to provide exceptional customer service
- Maintain and optimize WAN routing using eBGP and iBGP methodologies while monitoring usage for growth
- Proactively anticipates networking and/or security needs for planning and budgeting via monitoring the community's appropriate usage
- Analyze project needs/requirements and recommend systems to enable enterprise integration of network systems and hardware
- Develop, maintain and communicate project plans and status updates
- Training and mentoring to develop members of the team and other technical resources
- Responsible for developing QOS strategies while utilizing marking, Traffic Engineering (shaping and policing) and queuing
- Interface with equipment vendors and service providers to obtain system configurations, quoting and support
- Reviews network and/or security license and copyright agreements, updates revisions and service/maintenance arrangement
- On-call responsibilities for after hour support as required
- Performs related duties as assigned.
- Regular and predictable attendance required

Qualifications

- MUST PASS 10-PRINT FBI BACKGROUND CHECK
- Bachelor's Degree in Computer Science or eight (8) years of directly related experience to include TCP/IP; Cisco routers and switches; DMVPN multipoint deployed over MPLS; MPLS WAN using DMVPN
- Certification Requirements: Cisco Certified Network Professional (CCNP) or higher
- Expert level experience with enterprise level network design, engineering and administration
- Experience with common networking devices such as firewalls, switches, and fabric interconnects. Commonly used brands include Cisco and Palo Alto.
- Experience interfacing with customer POCs to evaluate networking needs or requirements and explain technical terms to non-technical users or stakeholders.
- Comprehensive understanding of tools and utilities used in administration and management of simple and complex network or security infrastructure
- Highly skilled in network performance analysis and troubleshooting complex network or security related problems
- Excellent oral and written communication skills

Benefits

- *Collaborative work environment*
- *Generous company-paid benefits package for employees AND dependents*
- *Business Casual Dress Code*
- *Covered parking during those HOT Arizona summers*
- *Team building and social events for employees AND their family*

Development:

Attend classes, seminars, conferences and training sessions to enhance and maintain professional skills and to be knowledgeable in technology issues and training techniques; Miscellaneous tasks as assigned. Remains informed of new developments and trends; evaluates and makes recommendations to management on desirable additions and developments

Full-Time Salaried Position \$93,063 – \$134,942

Send resume to: hr@nlets.org

Generous benefits package & bonus eligibility

Location: North Phoenix, Arizona (85085)

DISCLAIMER:

The above job description is not intended to be an all-inclusive list of duties and standards of the position. Incumbents will follow any other instructions and perform any other related duties as assigned by supervisor/ management. This job description does not establish a contract of employment and information found above is subject to change at the discretion of NLETS.