

ENGINEERING SERVICES NETWORK, INC.
JOB POSTING NOTICE:

Job Posting: September 15, 2009

Closing Date: Until Filled

JOB TITLE: Network Engineer II

JOB LOCATION: Charleston, SC

REQUISITION NUMBER: 434

PRINCIPAL DUTIES/RESPONSIBILITIES:

- Able to troubleshoot end to end networking problems involving switches routers, workstations, servers, VLANS, and other IT devices and or services.
- Able to integrate with new technology and find better avenues to improve current IT services and or hardware.
- Able to create, maintain, and adjust a backup strategy for all assets and services to reduce operational downtime due to hardware and or software failures.
- Create, maintain, and update a disaster recovery plan.
- Able to interact well with users and be able to train users on new capabilities.
- Able to create, update, and maintain accurate drawings of the network and system drawings.
- Able to create, update, and maintain documentation in regards to user and admin SOPs.
- Able to monitor data requirements for servers and workstations and plan ahead when space passes critical thresholds.
- Create, update, and maintain a network management server to monitor servers and services to identify when problems may or have already occurred.
- Maintain a positive attitude and be willing to help all users with software, hardware, and or connectivity problems whenever possible.

Windows Administrator

- Install Operating Systems – Windows Servers and workstations
- Configure and Troubleshoot Drivers
- Load Applications
- Add, edit and remove users (Local and Domain)
- Create, edit and maintain user groups (Local and Domain)
- Understand disk management – basic vs. dynamic disks, mounting volumes etc
- Understand the difference between share and NTFS permissions and be able to work with both.
- Create, configure, test and troubleshoot Group Policy Objects
- Include and Exclude users and machines from Group Policy Objects
- Basic IIS administration – verify services, file locations, permissions
- Windows Server Update Service – Installation, configuration and testing
- Understanding of DNS - set up and maintains multiple forward and reverse zones. Verify replication of AD integrated zones.
- DHCP – Add remove function from servers, authorize and de-authorize servers, setup and maintain scopes. Work with redundant scopes without causing IP conflicts.

- Domain Controller (Active Directory): Able to modify, backup, and edit AD schemas. Making sure AD is replicating. Able to troubleshoot AD when unable to connect.
- Able to generate client and server certificates and install on clients and servers.
- Understand how to stop and start services
- Maintain and verify scheduled backups

Cisco Router

- Ability to recover from lost password or corrupted system, flashing memory
- Installing/Upgrading Cisco IOS
- Able to understand, create, update, and backup IOS configurations without service disruption
- Maintain multiple backups of router configurations
- Interfaces – create new, shutdown, startup etc
- VLANs – create, edit, and delete
- ACLs – create, edit, and delete
- Understand and Implement SPAWAR IA requirements
- Able to read logs and troubleshoot network issues and or attacks
- Understanding the different types of network interfaces, copper and fiber, and able to terminate with those interfaces.

Switching Network

- Understand the wiring layout and switch connections
- Able to understand, create, update, and backup configurations without service disruption
- Maintain multiple backups of switch configurations
- What networks are the responsibility of 5513 and when to defer to the help desk
- VLANs – be able to create delete and modify the VLANs in the switches, understand difference between tagged and untagged ports and the limitations of each.
- Cabling – must be able to install and/or correct cabling problems - know wiring pin-out and be able to make cables as needed. CAT6 and Fiber.
- Understanding the different types of network interfaces, copper and fiber, and able to terminate with those interfaces.

Linux

- Able to operate and perform administrative functions through command line interface
- Able to troubleshoot Linux files system and understanding how to perform system recovery
- Strong understanding of Linux file system layout and usage
- Install operating Systems – RHEL, CentOS, Fedora, Debian...etc
- Understand the difference between partitions and LVMs
- Understand and work with Logical Volume Manager
- Understand how to stop and start services

Create, delete, and edit users and groups (Local and Domain)

EDUCATION AND EXPERIENCE:

Bachelors Degree in Business Administration, Information Systems, Computer Science, Mathematics, or Natural Science provided a minimum of twelve semester hours of computer programming and systems analysis courses have been successfully completed. Academic requirement may be satisfied by an Associate's Degree in the above fields plus six years of progressive and balanced computer systems experience or a total of ten years experience and a minimum of three years experience in addition to any substituted for education, with two years experience in analysis, development, implementation or maintenance of network systems.

OR

Bachelors degree from an accredited school of higher education OR an associate's degree or other accreditation in a related area and two (2) years cumulative experience in a program coordination or security support OR

A total of four (4) years cumulative experience in program coordination or security support

In addition to a minimum of two (2) years experience in direct support of Navy C4ISR systems and programs to include experience in (1) tracking CDRLS and other contract deliverables to include preparing financial progress reports, contractor status and man-hours expenditure reports, and program status reports; (2) developing cost estimates and project budgets, supporting contract reviews and providing financial tracking support; or (3) developing and maintaining classified security programs including coordinating clearance requirements with Government officials.

OR

Bachelors degree from an accredited school of higher education and Ten (10) years operational experience, to include: knowledge of friendly forces and adversary's conops, tactics, threat capabilities, targeting priorities, sensor/collection techniques, targeting priorities, and planning and conducting operations analysis.

SKILLS AND ABILITIES:

Knowledgeable in networking and systems (routers, switches, Windows, XEN/VMWare)

Ability to work alone with little supervision

Ability to deal and handle high stress and competitive situations

Ability to work with others as well as project and defend ideas, processes and designs

The above job description is not intended to be, nor should it be construed as, exhaustive of all responsibilities, skills, efforts, or working conditions associated with this job.

Qualified persons should contact:

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EEO/AA/Vets/Disabled