

2017-SA\_03-Rock\_Island  
System Administrator  
Rock Island, IL

**Qualifications:**

To perform this job successfully, candidates must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

**Qualifications Required:**

- Associates degree plus 3 years' work experience.
- Minimum IAT Level II accreditation.
- 2-3 years of maintaining Storage Area Network (SAN) and Network Attached Storage (NAS) networks
- Experienced with providing IT Support for Physical Server and Virtual servers such as optimizing system performance using index tuning, disk optimization, install, configure and maintain database systems
- Ability to implement, configure, troubleshoot database instances, replication, backup, partition, storage, set user privileges and monitor security settings
- DoD8570 IAT Level I (A+-CE, Network+CE, GSEC, Security+ CE, SSCP, CCNA-Security) or above certifications
- Proficient with MS Office tools
- Excellent communication, business analytical and problem-solving/trouble shooting skills
- Effective Customer Service and management skills/capabilities; including a demonstrated ability to work cross-functionally
- Secret Security Clearance or Top-Secret Clearance with Single Scope Background Investigation (SSBI)

**Essential Functions and Responsibilities:**

- Provide Physical Server Support such as installing hardware, operating systems and software
- Install system updates as releases become available
- Provide SAN connectivity, install rack components, monitoring devices and infrastructure as required
- Provide IT Technical Support for 100 GB increments of network file storage
- Produce server and event logs and report changes to mission partners
- Ensure backup services and emergency restoration services are completed
- Document server changes/configurations and provide change documents quarterly

- Provide Virtual Server Support, installing hardware, operating systems and software
- Ensure that virtualized images and roles are maintained
- Monitor and optimize system performance using index tuning, disk optimization and other methods
- Install configure, troubleshoot, and maintain a database system
- Implement, configure and troubleshoot database instances, replication, backup, partitions, storage and access
- Set user privileges within the database environment and monitor security settings
- Administers enterprise databases and database applications
- Tunes performance, writes queries and stored procedures
- Manages user access
- Develops and runs data import routines from external systems, tests and updates disaster recovery procedures and executes database upgrade plans
- Maintains database performance by calculating optimum values for database parameters; implementing new releases; completing maintenance requirements and evaluating computer operating systems and hardware products
- Ensure accuracy and completeness of data in master files and various support tools such as base dictionaries
- Implements and maintains data security and integrity features
- Implements and monitors adherence to policies, procedures and standards relating to database management

### **Compensation**

Hours: Full-Time (40 hrs)

Salary: Commensurate with ability and experience

Location: Network Enterprise Center-Rock Island Arsenal; Rock Island, IL