

## JOB DESCRIPTION

TITLE NETWORK INTEGRITY SPECIALIST

### QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education/ Experience	High school diploma or General Education Development (GED) certificate. Experience with Symantec Antivirus, network security systems, and backup systems in an enterprise environment required. Enterprise level experience with VMware Virtualized Server Environments, CISCO Storage Area Network (SAN), and Hitachi Storage Arrays strongly preferred.
Language Skills	Ability to read, analyze, and interpret general periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedures manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.
Mathematical Skills	Ability to add, subtract, multiply and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rate, ratio, and percent and to draw and interpret bar graphs.
Certificate/License	Certified Novell Engineer (CNE), VMware Certified Professional (VCP), CISCO Certified Internetworking Expert (CCIE) Storage, CISCO Storage Certification, Hitachi Storage Certification, or other Vendor Storage/Storage Area Network (SAN) Certification strongly preferred.
Reasoning Ability	Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.
Physical Demands	The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly required to sit. The employee is required to talk and hear. The employee is required to stand and walk; use hands to finger, handle or feel; reach with hands and arms; and stoop, kneel, crouch, or crawl.

The employee occasionally lifts and/or moves up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision and ability to adjust focus. Close work inside of computer, constant viewing of computer monitors. The employee shall remain free of any alcohol or non-prescribed controlled substance in the workplace throughout his/her employment by the District.

Work Environment            The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The noise level in the work environment is usually moderate.

REPORTS TO                    Coordinator of Network Technology

#### GENERAL RESPONSIBILITIES

1. Deploys, maintains, and supports Symantec Antivirus and other network security systems throughout the District.
2. Deploys, maintains, and supports network backup systems throughout the District.
3. Manages Network Technology inventory.
4. Maintains Storage Area Network (SAN) and Storage Arrays throughout the District.

#### SPECIFIC RESPONSIBILITIES

1. Develops standard operating procedures for the installation, use, and support of Symantec Antivirus and network backup systems.
2. Maintains physical server hardware required for antivirus console software.
3. Monitors antivirus solutions to make sure district clients are load-balanced properly (across multiple redundant servers) to prevent virus propagation during a server outage/hardware failure.
4. Proactively monitors for potential problems and resolves them before they result in network outages.
5. Monitors network systems for outages and works with others to resolve the issues.
6. Ensures that all critical user data and databases are backed up on a regular basis for disaster recovery purposes.
7. Assists technology staff with installation, cabling, and removal of server equipment in the district's centralized data-center.

8. Maintains a detailed list of all Network Technology equipment and ensure accuracy as devices are installed, relocated, and removed from the network.
9. Performs Network Operations Center (NOC) responsibilities as required and assists NOC staff as required.
10. Deploys, maintains, supports, and backups VMware Virtualized Server Environment.
11. Maintains and supports CISCO Storage Area Network (SAN) environment.
12. Maintains and supports all Storage Arrays and all Storage Area Network (SAN) devices.
13. Develops, implements and maintains a comprehensive disaster recovery plan for the entire physical and virtual server environment.
14. Monitors and test disaster recovery plans and all disaster recovery systems.
15. Performs other duties as assigned.