JOB TITLE:	SERVER ENGINEER
DIVISION	TECHNOLOGY
SALARY SCHEDULE/GRADE:	II, GRADE 8
WORK YEAR:	AS APPROVED BY BOARD
FLSA STATUS:	EXEMPT
JOB CLASS CODE:	8575
BARGAINING UNIT:	CLAS

REVISED: Submitted:

01/18/2025   12/17/2024

SCOPE OF RESPONSIBILITIES
Plans, manages and executes service and support procedures and executes technical tasks associated with the implementation of physical and virtualized server and storage, switching, and Active Directory solution sets. Manages the District's Active Directory implementation including but not limited to provisioning, group policy, and access control.

PERFORMANCE RESPONSIBILITIES & EVALUATION CRITERIA
Manages all aspects of the District's server and application infrastructure in both physical and virtualized environments
Works closely with team members in the Engineering & Operations Branch, , Technology Division colleagues, vendors, and the Kentucky Department of Education to implement effective change control processes and establish communication and notification protocols
Works closely with other members of the Engineering & Operations branch to share workload as needed
Manages the day-to-day operations of the District's Active Directory implementation and architects and implements strategic plans to ensure the security and viability of the District's security principal via the efficient use of automation and security best practices
Evaluates periodically and makes appropriate changes to the Active Directory security groups and memberships to ensure security and integrity of the implementation and designs, implements and manages appropriate group policies and scripts
Designs, implements, and manages virtualized server farm(s) to consolidate District servers, data, and systems
Monitors proactively the various server farms and clusters and implements measures to mitigate and rectify problems to ensure 24 hour, 7 day a week, 365 days a year up time; this includes monitoring and implementing appropriate host and client operating system patches, warranty upkeep and leading efforts to rectify problems
Leads concurrent multiple hands-on projects and provides excellent and timely customer service by utilizing polite business communications, fulfills requests on time, and satisfies ad-hoc data, report, research or script requests
Researches emerging technologies or methodologies, develops standards and processes to facilitate the use of industry-standard best practices in virtualization and Active Directory, and implements technology and processes to increase productivity and reduce operating costs
Mentors other staff and provides technical assistance to clients and internal resources while staying current on certification(s) and related skills
Evaluates staff as assigned
Completes all trainings and other compliance requirements as assigned and by the designated deadline
Performs other duties as assigned by supervisor
Regular, predictable performance is required for all performance responsibilities
This position requires collaboration, customer support, and team interaction

PHYSICAL DEMANDS

This position requires the following physical activities rarely (up to 25% of the workweek): balancing, bending, climbing, crawling, crouching, driving, kneeling, and reaching. The following physical activities are required occasionally (up to 50% of the workweek): lifting up to 20 lbs., pulling up to 20 lbs., pushing up to 20 lbs., standing, and walking. Feeling, grasping, hearing, and talking are required frequently (up to 75% of the workweek). Repetitive motions and visual acuity are required constantly (up to 100% of the workweek).

MINIMUM QUALIFICATIONS

Bachelor's degree in related area and three (3) years of demonstrable hands-on experience in the design, implementation and management of complex physical and virtualized server infrastructure, Active Directory, and storage solutions at a large enterprise or service provider

In-depth knowledge of Microsoft Active Directory, blade servers, chassis and switching including fiber and iSCSI, storage area network technologies and server virtualization technologies like Hyper-V. Demonstrable experience in the design and management of Active Directory access control policies and server/storage consolidation and provisioning methodologies

A current, relevant, and industry-recognized certification or ability to successfully complete department-designated and department-paid certification(s) within twelve (12) months of hire

Effective communication skills

DESIRABLE QUALIFICATIONS

Project management experience

Hands-on experience in implementing network resource access control, security and audit protocols

Hands-on experience in PowerShell, Microsoft Exchange, ERP Systems, information security, archival and delivery technologies

Experience in a diverse workplace