

# SCHOOL DISTRICT OF DESOTO COUNTY

## DATA CENTER ENGINEER

### JOB DESCRIPTION

#### QUALIFICATIONS:

- (1) Bachelor's degree from an accredited educational institution.
- (2) Three (3) years experience with Blade Servers, VMware vSphere, Veeam Enterprise Backup Systems.
- (3) Experience with various Microsoft Server OS platforms, Linux OS (CentOS).
- (4) Experience with Google Workspace.
- (5) Experience with Microsoft - Office 365/Azure/Exchange Online email systems.
- (6) Experience with Active Directory On-Prem and Azure AD, and ADFS services and infrastructure.
- (7) Industry knowledge, training, certification and other education may be considered as a replacement for minimum qualifications.
- (8) Valid Florida Driver's license.
- (9) Satisfactory criminal background check and drug screening.
- (10) Be on call - with some after-hours work.

#### KNOWLEDGE, SKILLS AND ABILITIES:

Experience implementing and administering Active Directory and Azure AD and its services. Experience configuring secure shared folders, managing AD group policies, configuring & installing DNS. Experience with enterprise AD security features, authentication & auditing. Ability to plan, organize and prioritize all tasks related to position. Ability to document all planning, installation and upgrade procedures pertaining to the Data Center Services. Ability to handle multiple tasks in stressful situations with ease and efficiency. Ability to work cooperatively with other departments. Ability to establish and maintain effective working relationships with other employees, general public and vendors. Ability to handle sensitive information with confidentiality. Ability to trouble-shoot server operating systems and/or hardware problems and implement corrective actions in a timely manner.

#### REPORTS TO:

Director of Information and Technology

#### JOB GOAL

To assist the Director with implementation, configuration, and support of all district level servers (virtual and physical), data storage, and data backup systems, active directory administration, and enterprise email system.

#### SUPERVISES:

N/A

#### PERFORMANCE RESPONSIBILITIES:

Service Delivery

## DATA CENTER ENGINEER (Continued)

- \* (1) Configure and install various network devices and services including physical and virtual servers and related components.
- \* (2) Performs all firmware upgrades on all data center servers, blade enclosures, virtual modules, etc.
- \* (3) Maintain, support and trouble-shoot Active Directory sites and services. Provides support for DHCP, Domain controllers, DNS, Print & File sharing services, Group policies.
- \* (4) Maintain, support and trouble-shoot the SAN & Server systems and VEEAM Backup and Recovery system. Make recommendations to the Director on improvements in Disaster Recovery and Preparedness and off-site storage.
- \* (5) Assist the Director in planning and managing new technologies in regard to the District Data Center performance and reliability
- \* (6) Participate in the selection, configuration, and maintenance of all software utilized in the district.
- \* (7) Monitor system resource utilization, trending, and capacity planning.
- \* (8) Provide Level-2/3 support and troubleshooting to resolve issues.
- \* (9) Document procedures for installations and upgrades for all district level servers, and Enterprise Systems.
- \* (10) Maintain appropriate documentation for installations and reassembly.
- \* (11) Perform routine tests, checks, and backup procedures on all critical systems.
- \* (12) Coordinate work contracted by vendors as required.

### Employee Qualities/Responsibilities

- \* (13) Solid understanding of virtual infrastructure.
- \* (14) Hands-on experience with monitoring, troubleshooting and server analytics tools.
- \* (15) Meet and deal effectively with the general public, staff members, parents, administrators and other contact persons using tact and good judgment.
- \* (16) Follow attendance, punctuality and other qualities of an appropriate work ethic.
- \* (17) Ensure adherence to good safety standards.
- \* (18) Maintain confidentiality regarding school/workplace matters.
- \* (19) Model and maintain high ethical standards.
- \* (20) Increase job knowledge through training opportunities and self-study.
- \* (21) Review current developments, literature and technical sources of information related to job responsibility.

### Inter/Intra-Agency Communication and Delivery

- \* (22) Keep supervisor informed of potential problems or unusual events.
- \* (23) Use effective, positive interpersonal communication skills.
- \* (24) Respond to inquiries and concerns in a timely manner.
- \* (25) Serve on school/district committees as required or appropriate.
- \* (26) Serve as data communications liaison with schools, departments, vendors and service providers.

### System Support

- \* (27) Exhibit interpersonal skills to work as an effective team member.
- \* (28) Follow federal and state laws as well as School Board policies, rules and regulations.
- \* (29) Demonstrate support for the school district and its goals and priorities.
- \* (30) Demonstrate initiative in identifying potential problems or opportunities for improvement.

**DATA CENTER ENGINEER (Continued)**

- \* (31) Cross-train with one or more additional MIS personnel to provide support in their absence when needed.
- \* (32) Perform other tasks consistent with the goals and objectives of this position.

\*Essential Performance Responsibilities

**PHYSICAL REQUIREMENTS:**

Light Work: Exerting up to 20 pounds of force occasionally and/or up to 10 pounds of force as frequently as needed to move objects.

**TERMS OF EMPLOYMENT:**

Salary and benefits shall be paid consistent with the district's approved compensation plan. Length of the work year and hours of employment shall be those established by the district.

**COMPENSATION:**

Compensation for this position is Pay Lane **E10**.

**EVALUATION:**

Performance of this job will be evaluated in accordance with provisions of the Board's policy on evaluation of personnel.