As the Server Administrator II, you will help ensure the that the Airports Authority's technology systems run efficiently by installing and maintaining software, designing and implementing new systems structures, monitoring server activity, and auditing server security.

JOB DESCRIPTION

- Server Administrator II
- Works under the Datacenter Operations Manager.
- Serves in the Technology Operations and Support Department of the Office of Technology at Washington Reagan National Airport (DCA).

Develops the service catalog, provides service delivery and server services, and designs, configures, installs, and upgrades hardware, systems and applications software, and other components to improve service delivery and cost control. Performs related functions.

GENERAL REQUIREMENTS

- Monitors/maintains Windows and Linux Server operating system and server components. Develops, tests, and implements complex operating system components, software tools, server hardware, and utilities.
- Serves as a second-level technical problem escalation resource; troubleshoots problems and executes complex analysis procedures in response to trouble reports.
- Regularly reports on and forecasts storage needs, growth, and capacity. Reallocates space and may lead storage intensive projects for the larger Office infrastructure engineering team.
- Monitors, maintains, and implements data replication schemes for disaster recovery.
- Assists Storage Server Administrator with system upgrades, patches to the storage area network (SAN), and data recovery in the event of a disaster.
- Researches, tests, certifies, and participates in selection of technology products required for server and storage solutions. Applies patches to major Windows environment system and subsystems and performs Operating System and patch testing on all changes.
- May perform routine administrative tasks such as setting up and modifying user privileges, maintaining operation of systems and software, and ensuring access rights are in sync with business requirements.
- Writes and updates technical notes, instructions, change control plans, and procedures. Coordinates maintenance of the collective policies, procedures, and technical knowledge base of the department with the Program Support group.
- Documents changes made to the system and communicates analyses of problems to others on the team. Documents system design and dependencies, change and problem history, backup, restoration, and disaster recover procedures, and maintenance.
- Creates support documents for deploying storage solutions with recommended architectures.
- Creates backup and recovery strategies and collaborates with Security Operations in the design of server and storage system security policies and consumer privacy standards.
- Ensures storage deliverables are understood, funded, coordinated with upstream and downstream teams, and built and delivered on time for all new initiatives.

- Defines standard engineering designs, templates, processes, and procedures for implementing projects that follow existing Airports Authority architectures. Analyzes system performance, and modifies parameters to improve throughput and utilization of system resources.
- Mentors or assists in the training of other staff.
- Performs other duties as assigned.

QUALIFICATIONS

- Eight years of progressively responsible experience in server administration and management in a production environment including:
  - o identifying and analyzing server requirements;
  - o planning the design and deployment of new technologies in upgrades and/or consolidations;
  - o performing server administration in Linux environments;
  - o performing server administration in Microsoft (MS) Windows environments, including MS Exchange, MS Windows Server, and MS Active Directory design, implementation and support;
  - o performing administration in VMware Infrastructure and vSphere;
  - o working in Symantec Enterprise Vault or equivalent configurations.

KNOWLEDGE, SKILLS AND ABILITIES

1. Knowledge and ability to maintain server components including Lync Server on large, distributed networks.
2. Knowledge of and ability to use Linux systems architecture, including O/S and disk partitioning standards, backups, and multi-tier client-server technology.
3. Ability to configure industry standard server hardware, storage arrays, backup systems
4. Ability to perform complex analyses of data and information and make recommendations.
5. Knowledge of Citrix XenApp infrastructure.
- Ability to speak and write effectively.

PREFERRED QUALIFICATIONS

- Certification as a Microsoft Certified Solutions Associate (MCSA) or Microsoft Certified Solutions Expert (MCSE).
- At least one certification from Citrix, Linux Red Hat, or Microsoft Windows Server.
- Certification training in one or more of the technologies supported, such as Symantec Netbackup, Symantec Enterprise Vault, Dell/EMC Storage certification.

EDUCATION

- A Bachelor's Degree in Computer Science, Telecommunications, Management Information Systems, or related field, or an equivalent combination of education, experience, and training that totals four years.

- A fully equivalent combination of education and training beyond what is needed to satisfy the education requirement may be used to substitute for up to two of the eight years of experience. For example, a master's degree may substitute for two years of experience.

CERTIFICATIONS AND LICENSES REQUIRED

- A state driver's license in good standing.

NECESSARY SPECIAL FACTORS

- Work is typically reviewed in progress and upon completion for quantity, quality, timeliness, teamwork, customer service, and other factors.
- Works a varied schedule of days and hours outside normal business hours for scheduled and emergency maintenance, upgrades, and standard on-call rotation.