

# BARBADOS WATER AUTHORITY

## VACANCY



### SENIOR NETWORK ADMINISTRATOR

The Barbados Water Authority (BWA) is seeking to fill the vacant position of **Senior Network Administrator**. The successful candidate will work under the supervision of the Manager, Information Systems.

#### DUTIES AND RESPONSIBILITIES

- ❖ Maintains overall responsibility for the security, availability and integrity of the physical and virtual network and server infrastructure;
- ❖ Manages and maintains daily tasks for physical/virtual network, server and storage systems, including monitoring system performance, configuration, maintenance, and repair;
- ❖ Ensures that records of system downtime and equipment maintenance are properly maintained;
- ❖ Applies firmware updates/patches to host systems and software;
- ❖ Works with vendors to assist support activities;
- ❖ Develops new system and application implementation plans, custom scripts, and testing procedures to ensure operational reliability;
- ❖ Trains staff in how to use new software and hardware developed and/or acquired.
- ❖ Guides or provides work direction to technical staff, contract staff and/or student employees, as needed;
- ❖ Performs troubleshooting as required. Leads problem-solving efforts often involving outside vendors and other support personnel and/or departments/divisions;
- ❖ Installs, modifies, and maintains systems and utility software on server systems and network equipment;
- ❖ Provides server support related to other software;
- ❖ Establishes guidelines and methods for the installation and management of server operating systems, servers, disk arrays, switches, and other network related equipment;
- ❖ Ensures high availability and acceptable levels of performance of critical computing resources;
- ❖ Develops procedures and documentation for backup and restoration of host operating systems and host-based applications;
- ❖ Develops and coordinates projects and schedules to maximize benefits and minimize impacts on country, departments and divisions;
- ❖ Provides leadership in planning and implementation of projects for server and network upgrades;
- ❖ Manages data centre infrastructure including server hardware, and supporting equipment such as environmental monitoring systems, and uninterrupted power supplies; and
- ❖ Stays current with technological developments in network administration technology and recommends ways to take advantage of new technology.

#### QUALIFICATIONS

- ❖ A bachelor's degree in computer science or related discipline is required. Relevant experience may substitute for the degree requirement on a year-for-year basis.
- ❖ Ten (10) years' work experience managing virtualized/physical server and network infrastructure and storage devices, with a demonstrated ability to solve most systems issues, are required.
- ❖ Experience as a network administrator is preferred.
- ❖ Any satisfactory equivalent combination of experience and training which ensures ability to perform the work will also be considered.

## KNOWLEDGE, SKILLS AND ATTRIBUTES

Knowledge of and/or skilled in:

- ❖ One or more programming/scripting languages e.g. Powershell;
- ❖ Windows and Linux operating systems;
- ❖ Virtual environments such as Nutanix Acropolis, VMWare, vSphere, ESXi, resource pools, VMFS, and virtual switching;
- ❖ Storage architecture including iSCSI, LUNs, NFS, and RAID;
- ❖ Microsoft Active Directory, Windows Server, and server hardware;
- ❖ Domain Name registration/purchase and SSL certificate purchase and maintenance;
- ❖ Server systems architecture, performance, and tuning;
- ❖ Backup and recovery procedures;
- ❖ System performance monitoring tools;
- ❖ Effective project management techniques;
- ❖ Customer service practices that are required to meet and exceed end-user expectations;
- ❖ Planning, designing, implementing and documenting networks;
- ❖ Configuring systems consistent with BWA policies/procedures;
- ❖ Communicating technical and complex information both verbally and in writing.
- ❖ Performing multiple tasks concurrently and responding to emergencies effectively;
- ❖ Problem-solving in relation to complex computer systems and network operations;
- ❖ Providing quality assurance, including testing and validation of system upgrades and installations; and
- ❖ Organizing team activities and scheduling and prioritizing work for team members.

## ABILITY TO:

- ❖ Quickly analyse operational issues with complex system operations and equipment;
- ❖ Interpret non-technical communications to serve end users with skill and professionalism;
- ❖ Maintain cooperative and effective working relationships with other employees, supervisors, and managers;
- ❖ Function in a team environment; and
- ❖ Attend work as scheduled and/or as required.

## SALARY

The successful candidate will receive an attractive salary package.

Applications with full curriculum details should be emailed to **HR@bwa.gov.bb** or addressed to:

The Director of Human Resources Management and Development  
Barbados Water Authority  
Pine Commercial Estate  
The Pine  
**St Michael**

The closing date for receipt of applications is **January 13, 2025**.

**Unsuitable applications will not be acknowledged; only shortlisted candidates will be contacted.**