

## SENIOR UNIX SYSTEMS ADMINISTRATOR

The New York City Housing Authority (NYCHA) is currently seeking two Senior UNIX Systems Administrators to join NYCHA's Information Technology Infrastructure Department's UNIX Systems Management Team.

The UNIX Systems Management Team provides enterprise-wide systems support services for mission-critical Systems. NYCHA's maintains approximately 150 Sun Solaris Servers which are located among three Datacenters. The Unix team provides technical services to include: systems design, planning, hardware/software installation, operations, maintenance, and upgrades to UNIX systems and infrastructure components which support the Authority's daily operating business functions. Unix team primary focus areas:

**UNIX Systems Engineering:** Technical Services related to the system architectural design for UNIX OS environment, enterprise wide system standards and operating policies.

**UNIX Business Continuity and Disaster Recovery:** Technical Services supporting backup and restore of data, business continuity methods and policies, system High availability and Disaster Recovery strategy and testing.

**UNIX Systems Operations:** Technical Services providing proactive monitoring of UNIX systems environment and problem resolution, user support, printing support, system application support, Operating System support, hardware/software system installation, configuration and maintenance.

**UNIX Systems Documentation, Procurement and Contract:** Technical Services supporting the procurement of cost effective and efficient UNIX hardware/software systems, maintenance of support contracts and maintaining UNIX environment documentation including standard operating procedures.

### Job Description:

The Senior Unix Systems Administrators will provide enterprise-wide Unix System infrastructure support for complex system and interconnected technologies that require day-to-day support and administration in order to maintain optimum performance and utilization. Provide support in the following areas: Sun Solaris 10 Systems Operational Support, Veritas Cluster administration and server virtualization, Enterprise Netbackup, Enterprise Sun LDAP for UNIX systems and applications including various existing NYCHA applications.

1. Perform Unix Systems Administration for 150 Enterprise Sun Solaris10 Systems to include: Sun 25K/SunFire series, M3000/M4000/M5000/T5120/T5220/T5240/T5440/V240/V280/V490 etc.
2. Maintain UNIX infrastructure environment at NYCHA datacenters during business hours and off-hours; troubleshoot Solaris networking services and protocols: TCP/IP, NIS, DNS, NFS, LDAP, FTP, SSH, SMTP, SNMP, SSL, and HTTP.

3. Install, configure, and maintain UNIX server equipment, disk arrays, tape libraries, virtual tape libraries and terminal servers; UNIX routine operation functions; maintain high end UNIX servers E25K and current and new UNIX projects.
4. Provide data protection, recovery and business continuity; test and validate disaster recovery and business continuity methods in UNIX environment.
5. Perform routine backup and recovery for data protection and integrity for 150 UNIX servers; monitor UNIX infrastructure which consists of complex sets of equipment and system software; provide proactive remediation.
6. Perform proactive monitoring for high availability, System data protection, backup and restore, UNIX central authentication, user account management, disk storage management, hardware and OS maintenance, and application maintenance.
7. Install, configure and maintain highly optimized Virtualized UNIX environment using Zone/Container, LDOM and VMware virtualization technologies; UNIX High Availability environment consisting of different HA techniques i.e. clustering, load balancing, and cluster file systems; UNIX storage environment using Solaris Disk Suit or Solaris Volume Manager, Veritas Volume Manager and ZFS.

#### **SKILLS & EXPERIENCE DESIRED:**

1. Five to Ten years experience providing Unix/Sun Solaris systems administration support for large scale complex unix environments.
2. Unix/Sun Solaris 10 systems administration.
3. Veritas Cluster Server, Veritas Storage foundation and other High Availability techniques in the UNIX environment; Veritas NetBackup.
4. Solaris Disk Suit or Solaris Volume Manager and ZFS.
5. Shell scripting and/or Perl scripting experience.
6. System level support for Oracle application and database Servers, Java application servers, Websphere or other large-scale databases in a UNIX environment.
7. Disaster Recovery and Business Continuity in UNIX environment; EMC storage array based SAN environment.
8. Knowledge of Sun Entry-Level, Midrange and High-End Enterprise servers i.e. E25K and Sun disk arrays.
9. Extensive knowledge and experience in supporting and troubleshooting Solaris networking services and protocols: TCP/IP, NIS, DNS, NFS, LDAP, FTP, SSH, SMTP, SNMP, SSL, HTTP.
10. UNIX environment with Oracle, Java application server and Websphere or other large-scale databases.
11. Sun Virtualization technologies: Container and LDOM.
12. SUN LDAP or Oracle Directory Services/LDAP; Sun SMC and Quest monitoring tools.
13. The ability to keep up with updates in the UNIX environment.
14. Excellent verbal and written communication skills; ability to work within strict deadlines and with a wide spectrum of people; Project Leader experience.

#### **QUALIFICATIONS:**

A Bachelor's degree or higher from an accredited college and a minimum of five years experience required.

Sun Certified System Administrator for Solaris 8 or 9 or 10 Operating System

**Interested candidates may fax cover letter, resume, to (212) 306-5194, e-mail to [HR.Recruitment@nycha.nyc.gov](mailto:HR.Recruitment@nycha.nyc.gov) or mail to:**

**New York City Housing Authority  
Human Resources Recruitment Unit  
90 Church Street, 5<sup>th</sup> Floor  
New York, NY 10007  
Attn.: DMP, Senior Recruiter  
Job Code: Senior UNIX Systems Administrator**

*NYCHA is an equal opportunity employer*