

**City of New York
Department of Information Technology and Telecommunications
Job Posting Notice**

Civil Service Title: Certified IT Administrator (Database)	Level: 03
Title Code No: 13644	Salary: \$83,323/\$95,821 - \$110,000
Business Title: SQL/Oracle Database Administrator	Work Location: Brooklyn, NY
Division/Work Unit: IT Services	Number of Positions: 5
Job ID: 249532	Hours/Shift: Day - Due to the necessary technical support duties of this position in a 24/7 operation, candidate may be required to work various shifts such as weekends and/or nights/evenings.

Job Description

DoITT provides for the sustained, efficient and effective delivery of IT services, infrastructure and telecommunications to enhance service delivery to New York City's residents, businesses, employees and visitors. As the City's technology leader, DoITT is responsible for maintaining the foundational IT infrastructure and systems that touch every aspect of City life from public safety to human services, from education to economic development crossing the full spectrum of governmental operations.

The successful candidate will serve as an SQL/Oracle Database Administrator reporting to the IT Services Division. Responsibilities will include: Build and configure multiple MS SQL and Oracle databases, equally clustered, non-clustered and virtual environments for the DoITT Enterprise Content Management shared service implementation; develop, design, configure and document database architecture, including software, hardware and physical layout (Processor configurations, SAN luns, data file layouts); work with developers and administrators in a 24x7 /365 multiple-cluster production environment; perform best practice database troubleshooting; fix data corruption; perform backup and disaster recovery; perform daily DBA tasks during SDLC, including reviewing logs, establishing and responding to automated monitoring, and performance tuning; configure and maintain different types of replications (including Always On and log shipping); manage distributed databases, SSIS packages and SSRS; participate in functional, performance and security testing; assist developers and end users with implementation best practices; install, configure, customize, create, implement, and support Oracle databases in Non-RAC and RAC environments, and software and related tools/products for the CITISERV database systems at DOITT; implement Grid Infrastructure release 12c on a Unix/Linux platform; implement ASM cluster Filesystem and maintain it; add new disks to an ASM disk group; patching grid infrastructure software; implement instance caging; setup/administer Oracle database security environment; carry out DB Performance Tuning; troubleshoot DB problems, work with ORACLE support on problems and questions; schedule RMAN (backup/recovery); configure/Support Active Dataguard and Golden Gate for Oracle Replication; install and configure, customize ORACLE server and clients; schedule, install and configure ORACLE upgrades; install, configure, customize ORACLE related system level software; design, development, and create all database file systems layouts and Oracle databases; monitor software notifications and updates; managing distributed databases and configuring client/server and Web-based environments; provide technical assistance and troubleshooting support to developers; review database design specifications and application coding routines to ensure adherence to best practice methods for database usage; ensure database performance is maintained at optimal levels and is able to support defined business requirements; create/maintain referential integrity relationships/constraints; provide problem diagnosis and resolution; schedule database backups; diagnose and resolve backup failures; configure, analyze application SQL code to do SQL Tuning for performance improvement opportunities; develop/maintain Oracle database operational procedures; utilize Solaris Administration skills as needed; develop UNIX shell scripts; work with the Database team and teams of UNIX/LINUX engineers and administrators to design, build, upgrade and support the necessary Oracle infrastructure to meet the needs of DoITT and supported agencies; and handle special projects and initiatives as assigned.

Minimum Qualification Requirements

Must possess one of the following Professional/Vendor Certifications:

- Microsoft Certified Solutions Associate (MCSA) Windows Server 2008
- Microsoft Certified IT Professional (MCITP) SQL Server 2008
- MCSA (Microsoft Certified Solutions Associate) SQL Server 2012
- VMware Certified Professional (VCP5); Oracle Certified DBA

In addition, must possess the following:

1. A masters degree in computer science or a related computer field from an accredited college or university, accredited by regional, national, professional, or specialized agencies recognized as accrediting bodies by the U.S. Secretary of Education and by the Council for Higher Education Accreditation (CHEA) AND 12 months of satisfactory full-time (not classroom based) specialized database administration and development experience, including Database Administration, Data Modeling and Database Design, Testing, Technical Writing, and Version Control;

or

2. A baccalaureate degree from an accredited college or university, accredited by regional, national, professional, or specialized agencies recognized as accrediting bodies by the U.S. Secretary of Education and by the Council for Higher Education Accreditation (CHEA) AND 24 months of satisfactory full-time (not classroom based) specialized experience as described in 1 above;

or

3. A four-year high school diploma or its educational equivalent approved by a State 's Department of Education or a recognized accrediting organization AND 24 months of satisfactory full-time (not classroom based) specialized experience as described in 1 above plus 48 months of information technology experience as described in the IT Task Inventory *;

or

4. A satisfactory combination of education and experience which is equivalent to 3 above. Education may be substituted for the information technology experience on the basis of 30 semester credits from an accredited college or university, accredited by regional, national, professional, or specialized agencies recognized as accrediting bodies by the U.S. Secretary of Education and by the Council for Higher Education Accreditation (CHEA) is equivalent to 12 months of experience, up to a maximum of 48 months.

However, if you qualify under options 2, 3 or 4, you must have at least a four-year high school diploma or its educational equivalent approved by a State 's Department of Education or a recognized accrediting organization and at least 24 months of satisfactory full-time (not classroom based) specialized

information technology experience as described in 1 above.

Preferred Skills

The preferred candidate should possess the following: 3+ years of experience as a Microsoft SQL Server DBA; experience and expertise with Microsoft SQL database development, Microsoft SQL networking and Multi-site replication, mirroring, log shipping and data partition; experience in database security and auditing, EMC SAN connected MS SQL; experience monitoring multiple databases; Advanced knowledge of database performance management and tuning, database fault analysis and resolution effective Database Backup/Recovery strategy deployment; experience performing database migrations; experience analyzing current database performance and making projections for future growth (CPU usage as well as storage growth); experience in administrating a Windows 2008/2012 Clustered and Virtual environment; experience supporting a high-availability production Microsoft SQL; experience with NETIQ Monitoring and Symantec NetBackup; knowledge of New York City Government; excellent written and verbal communication skills; and the ability to handle multiple tasks under tight deadlines; Oracle Database administration Experience 3+ years as an Oracle DBA; experience implementing/managing Oracle Databases in a RAC environment; experience Implementing Grid Infrastructure release 12 or higher on a Unix/Linux environment; experience implementing ASM cluster Filesystem with knowledge of how to maintain it; knowledge of Best Practices for adding a new disk to an ASM disk group; experience patching grid infrastructure software; experience implementing instance caging; familiar with Oracle database resource manager; familiar with huge pages on Linux; experience supporting a high-availability production database; experience in configuring/supporting Oracle Active Data Guard required, experience in a Solaris environment a plus; experience in Veritas Cluster Server for Oracle a plus; experience in database architecture and design highly desirable; experience with Oracle Advanced Security Option is highly desirable; experience with Golden Gate for Oracle Replication is highly desirable; should demonstrate industry awareness and should be current on relevant competitive products or solutions; Time and project management skills are required; should have excellent written, verbal and listening communication skills.

To Apply

For City employees, please go to Employee Self Service (ESS), click on Recruiting Activities > Careers, and search for Job ID #249532

For all other applicants, please go to www.nyc.gov/jobs/search and search for Job ID #249532

-or-

If you do not have access to a computer, please mail resume indicating Job ID # to:

Department of Information Technology and Telecommunications (DoITT)

Recruitment Office - 255 Greenwich Street - 9th Floor - New York, NY 10007

SUBMISSION OF A RESUME IS NOT A GUARANTEE THAT YOU WILL RECEIVE AN INTERVIEW

APPOINTMENTS ARE SUBJECT TO OVERSIGHT

Posting Date: July 29, 2016

Post Until: Filled

The Department of Information Technology & Telecommunications and the City of New York are equal opportunity employers.