

TVA Job Description

Schedules CE, CI, CO, CP, CS, CT

Name		Employee ID No.		Effective Date	
Standard	Level	Job Title	Job Title Code	Org Code	
Information Technology	B	Sr Oracle Database Administrator	200040		
Organization			Location		PD #
IT					
Supervisor		HR Consultant		Review Date	
Job Summary					
<ol style="list-style-type: none"> 1. Perform the following tasks related to Oracle databases: database creation, patching, upgrades, security management, backups, restores/refreshes, schema changes, tablespace management, database tuning, disaster recovery and general database maintenance. 2. The job will require administration of other databases such as SQL Server, MySQL, or PostgreSQL. 3. Work with development and functional teams to resolve problems and deploy system enhancements. 4. Leverage advanced knowledge in multiple technologies; collaborate with peers to analyze performance of database components and systems to troubleshoot, evaluate performance, and determine capacity. Uses root cause analysis, corrective actions, tactical planning and strategic planning to correct problems, provide improved response and project long term investments required to provide sufficient support for IT Services to the business. 5. Maintain the database environment to assure compliance with configurations, patches, approved designs and SOX controls. Active participant in the change management process to properly execute change with minimum impact to the services provided. 6. Participate with IT peers as needed to properly support the IT database infrastructure on a 24x7 basis including on-call duties, shift work, and emergency support can be required including travel to various locations away from the employee's primary work site. 7. Develops standards and guidelines that promote best of breed operation and maintenance practices. 8. Develop and implement policies, procedures, and associated training for managing infrastructure, resources, administration, appropriate use, and disaster recovery. 9. Other duties include collaborating with team members to balance workload, participation in audits, security reviews, incident investigation, presentation for TVA at professional events, and various other duties. 10. Research and evaluate new tools, methods, development tools, and products that relate to data management 11. May serve as a work leader, in a non-supervisory leadership position, having job-related responsibilities to lead project assignments in a broad or specialty area. 					
Supervision Received					
Independently performs assignments with instructions as to general results expected. Works under the direction of a team leader or department manager and receives minimal technical guidance on unusual or complex problems.					
Skills and Proficiencies <i>(May be job or organization specific)</i>					
<ul style="list-style-type: none"> • Ability to create and restore RMAN backups to refresh and recover Oracle databases. • Proficiency in setting up backup and recovery strategies • Ability to proactively identify, troubleshoot and resolve live database systems issues. • Proficient in databases creation, data refreshes, Schema object changes, and tablespace management • Patching Oracle databases • Must be able to use Oracle Advanced Compression, AWR/Statspack, and Enterprise Manager • Experience in SQL and Database performance tuning in 11G environment • Ability to work with or lead a cross-functional team of IT professionals. • Must have an in-depth working knowledge of Disaster Recovery and High Availability Systems and/or Critical Infrastructure. • Familiarity with Unix/Linux navigation and basic commands 					
Minimum Qualifications <i>(Consistent with Classification Standard)</i>					

Education and Experience/Certificates, Licenses, and Registration Requirements/Other Requirements

A Bachelor's degree in computer science, engineering, mathematics, business administration, or related field of study; or equivalent education, training & experience. Completion of approved TVA Progression Plan or 24-48 months of comparable and relevant work experience. Oracle database certifications are preferred. Previous experience working in a medium to large team environment. Experience with Oracle RAC, ASM, Partitioning, Streams and DataGuard is desired. Experience with Big Data, ETL, Informatica, Azure and AWS is a plus. General understanding of business environment, i.e., budgeting, life-cycle costing, customer support. Several years of comprehensive experience in supporting the operation of large, production database systems. Demonstrated knowledge of transformation impact, change management, and business metrics. Strong facilitation, negotiation, and intervention skills. Excellent communication skills, both oral and written. Ability to challenge and influence teams in a fast-paced, deadline-oriented environment while dealing diplomatically with internal and external partners. Must be able to maintain elevated clearance such as, but not limited to NERC CIP, Sensitive, and/or Fitness for duty clearances.