# Anusha

**Oracle Database Administrator**

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**SUMMARY**

* Seasoned **Oracle Database Administrator (DBA)** with over 10 years of expertise in managing mission-critical, high-performance environments.
* Demonstrated expertise in a**rchitecting, designing, implementing**, and **maintaining complex Oracle database solutions** across diverse industries.
* An experienced SQL Server DBA long with SQL Azure Architect with detail-oriented, analytical and

troubleshooting

* Proven track record in leading database projects, from conception to successful deployment, ensuring alignment with organizational goals and best practices.
* Advanced skills in Oracle Database performance tuning and optimization, utilizing advanced features such as **Oracle Exadata, In-Memory Database, and Partitioning** to achieve unparalleled system efficiency.
* Extensive experience in designing and implementing highly available and scalable database architectures using **Oracle Real Application Clusters (RAC)** and **Oracle Grid Infrastructure**.
* Proficient in **Oracle Data Guard configuration and management** for disaster recovery, ensuring data protection and business continuity in the event of failures or disasters.
* Having in-depth knowledge of Oracle Architecture. Installation, setup, and configuration of

# Oracle 11g, 12c, and 19c on Linux platform.

* Expertise in advanced database security implementations, including **Oracle Transparent Data Encryption (TDE), Virtual Private Database (VPD),** and **Database Vault,** to safeguard sensitive data.
* Skilled in Oracle Multitenant architecture, enabling efficient consolidation, resource sharing, and management of multiple pluggable databases within a single container database.
* Hands-on experience with **Oracle Enterprise Manager (OEM)** for centralized database monitoring, administration, and automation, enhancing operational efficiency and reducing downtime.
* Demonstrated track record in leading database projects from conception to successful deployment, ensuring alignment with organizational goals and best practices.
* Skilled in leveraging **MS Access for data analysis** and reporting tasks, enhancing decision-making processes.
* Experienced in database performance tuning, disaster recovery planning, and database security implementation.
* Strong communicator with a collaborative approach to working within cross-functional teams and stakeholders to achieve project objectives.
* Proficient in **Oracle Cloud Infrastructure (OCI)** deployment and management, including database migration, backup, and recovery in cloud environments.
* Strong command of **SQL and PL/SQL** programming for database automation, customization, and advanced data manipulation.
* Expertise in advanced database features such as **Advanced Compression, Automatic Storage Management (ASM),** and **Flashback Technology** for data management and recovery.
* Strong knowledge on **Exadata Hardware, Software, Networking** and **Monitoring Architectures.**
* **knowledge of Azure Database Migration Service: Migration of on - premises SQL Server database with Microsoft Data Migration.**
* Strong knowledge on Exadata Storage Server unique features like Smart **Scan, Storage Indexes,**
* Smart Flash Cache, **Hybrid Columnar Compression and IORM Plans.**

# Monitoring the InfiniBand Switches/ports, PDUs, Cisco Switches, Cell Servers, DB Nodes and Instances via OEM.

* Remote monitoring and administration using Integrated Lights Out Manager (ILOM) using both

**GUI and command line prompt**. Generating **ILOM snapshots** for Oracle Support.

* As DMA Provide**d Exadata upgrades and data center migration support** as needed.
* As DMA Assisted with **ZFS/ ZDLRA configuration, integration, patching** and support as specified with Exadata.
* Experienced in implementing database partitioning strategies for **improved query performance, data manageability, and scalability.**
* Skilled in database capacity planning, resource allocation, and workload management to ensure

**optimal performance and scalability**.

* Proven ability to troubleshoot complex database issues, analyze performance **bottlenecks, and implement corrective actions to optimize database performance.**
* Excellent communication and interpersonal skills, with a collaborative approach to working within cross-functional teams and stakeholders to achieve project objectives.
* Strong commitment to continuous learning and professional development, staying updated with the latest Oracle database technologies, best practices, and industry trends.
* Proficient in documenting database architectures, configurations, procedures, and guidelines to maintain comprehensive documentation and ensure knowledge sharing.

# TECHNICAL SKILLS

|  |  |
| --- | --- |
| Languages | SQL Java, C++, C and PL/SQL, COBOL, CICS, JCL, Python |
| Solaris  Databases | Oracle Versions 11gR1&amp; R2/12c/19c |
| DB  Technologies | Exadata, RAC, Data Guard, ASM &amp; Flashback, OEDA tool, OECA tool, DCLI |
| DBA Tools | OEM, VNC Viewer, WinSCP, Toad, Putty, Service  Now/Remedy |
| Tuning Tools | TKPROF, AWR, ADDM, ASH |
| Backup &amp | Recovery: EXP/IMP, EXPDP/IMPDP, RMAN, hot-cold |
| Databases: | Oracle 9i/10g/11i, MySQL, DB2, TOAD, SQL Developer,  DB2, PostgreSQL Mongo DB. |
| Operating  Systems: | Linux, OEL6/7, Windows, IBM-AIX, Sun, Unix, Windows  9x/2000/XP |
| Version Control Systems: | ClearCase (CC), Visual SourceSafe (VSS), CVS, Git, Subversion, Bitbucket |
| Methodology/  Technology | Agile development (Sprints), waterfall development  methodology. |
| Scripting  Languages | Shell scripting |

**PROFESSIONAL EXPERIENCE**

**Ericsson Inc, Seattle, WA Dec 2022 - Present**

**Sr. Oracle DBA**

# Responsibilities:

* Having a good understanding of **Oracle Cloud Infrastructure**.
* Infrastructure provisioning using **Terraform and Ansible**.
* Involved in Installation and configuration of Oracle 19c RAC (2node) using **oracle Clusterware** and ASM
* Deploy and maintain **Postgresql** databases in **AWS**.
* Worked on multiple databases available in AWS RDS such as Aurora, PostgreSQL
* involved in the installation of the **SQL-server**
* Worked on import/export, export data pump/import data pump, and SQL- loader.
* Converting **Logical DB** design to Physical DB designs
* Creating the Schemes and Objects
* Hands-on experience in **Amazon RDS** Aurora performance tuning.
* Understanding the Scripts which are written in **Python** and **Json**.
* Running CI/CD pipelines which are written in **Python** by using GIT and Provisioning the computes by using Rundeck jobs where the scripts are written by using **JSON**.
* Experienced in Oracle GoldenGate installation, configuration, troubleshooting, GoldenGate EXTRACT, and REPLICAT issues.
* Supporting multiple databases for **Production, Development, Test** and **Staging** purposes
* Applying upgrade patch, maintenance (opatch) **Patches** on all the Exadata databases.
* Exporting and importing at database level, schema level and object level using **Datapump** and **traditional** Exp & Imp utilities.
* Installation of Oracle 11g/10g RAC and Standby Database for **High Availability** and Disaster Recovery purpose.
* Installation and Upgradation of **APEX**.
* Installing and Upgradation of ORDS and Deploying ORDS in weblogic for configuring APEX.
* Configuring and Administering Oracle Connection Manager (CMAN) which is a proxy server that forwards connection requests to databases or other proxy servers.
* Good Experience in Provisioning Services in OCI by using Rundeck.
* Cloning the databases and Restorations from Production to Test & QA environments using RMAN and PDB to PDB refresh using various methods.
* Provided performance tuning of Oracle Databases on **Exadata.**
* **RMAN** point in time recovery and Instance recovery done.

# Walmart, Jersey City, NJ Oct 2021 – Nov 2022

**Oracle DBA**

# Responsibilities:

* To support, enhance &amp; maintain supply chain engineering team in the area of Master
* Data Management involving **Product Information Management** (PIM) &amp; Product Data
* Exchange (**PDX**). **Oracle EBS 12.2.9** and 19C back end.
* Enhanced materialized view to add more data columns for business evaluations.
* Enhanced **XML** publisher Item Attribute Verification Report to add **ICC**, Creation Date,
* EU Preference Origin attributes.
* Enhanced **Nifi** integrations to log the transactions in Oracle DB, to call Rest Services to publish **PIM** data.
* Managed **MySQL** databases for various applications, including e-commerce platforms and financial systems, ensuring optimal performance and reliability.
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* Implemented automation scripts and Infrastructure as Code (IaC) methodologies to standardize

database deployments and ensure consistency across environments.

* More Than Two Years of **Oracle DBA** Proficiency in Overseeing Databases Larger Than 30 Terabytes
* Responsible for managing and supporting all Production, Development and Staging instances of Oracle
* Version **11g,12c and 19c**.
* Proficient in offering support for **OLTP** and **Data Warehouse ecosystems**.
* Architected and deployed Oracle databases on Oracle Cloud Infrastructure (OCI), ensuring alignment with organizational data storage requirements and scalability for future growth.
* Proficiency in working with **EDB Postgres** Advanced Server.
* Architecting new **DBA** solutions in AWS.
* Performed regular backups of databases using native tools like Oracle Recovery Manager (RMAN) and scheduled scripts, ensuring data availability and integrity.
* Proficient in utilizing ArcGIS software suite, including **ArcGIS Desktop, ArcGIS Server, and ArcGIS** Portal, for spatial analysis, mapping, and data visualization tasks.
* Experienced in configuring and administering ArcGIS Server to publish, share, and manage **GIS** services across an organization, ensuring optimal performance and accessibility.
* Skilled in creating and managing web maps, applications, and content using ArcGIS Portal, facilitating collaboration and information sharing within teams.
* Installed the application on **AWS EC2** instances and Configured the storage on S3 buckets.
* Worked on migrating Oracle databases to **AWS RDS** using utility AWS Database Migration Service (**DMS**).
* Familiarity with using **MongoDB** Atlas in practical scenarios.
* Design &amp; manage **PostgreSQL** database schemas.
* Experience designing database structures, indexes, views, partitioning.
* Install and configured **OEM 12c** agents different operating systems.
* Good experience in shell scripting language
* Possesses advanced proficiency in **Active Data Guard, RMAN, RAC, and GDS**.
* Monitoring and Managing RAC database performance issue using AWR, ASH, ADDR, and OSWatcher
* Upgraded Oracle databases from **12.1.0.2 to 19.0.0.0**
* Monitored database performance using tools like Oracle Enterprise Manager (**OEM**) and AWR reports, identifying performance bottlenecks and areas for improvement.
* Established **role-based access control** (**RBAC**) policies and privileges to restrict access to sensitive data and enforce least privilege principles.
* Scheduled and performed regular database backups using **OCI** Backup Service, ensuring data availability and integrity in the event of system failures or data loss.
* Collaborated with cross-functional teams to coordinate maintenance activities and minimize disruptions to business operations during maintenance windows.
* Implemented proactive monitoring solutions using OCI Monitoring and Oracle Enterprise Manager (**OEM**) to track database performance metrics and identify performance bottlenecks.
* Established performance baselines and conducted trend analysis to predict future resource requirements and proactively scale database resources on OCI to meet growing demands.
* Performed Instantiations using **exp/imp and expdp/impdp** at table level.
* Performing daily incremental backups, weekly backups using RMAN.
* Configured physical standby database (**DATAGUARD**) and tested for failover and switchover.
* Good experience in Performance Tuning.
* Monitored all services and cluster using SRVCTL &amp; CRSCTL utilities.
* Installed &amp; Configured **Oracle Golden Gate v11.2, v12.1 and v19c** in a Standalone Environment
* ensuring compliance with security and performance enhancements.
* Configured and tested Oracle Data Guard for disaster recovery, ensuring business continuity and data protection in case of failures.
* Developed comprehensive backup and recovery plans for Oracle databases, including full, incremental, and point-in-time recovery strategies.
* End-to-End support for enhancements to materialized views to incorporate additional data columns, enabling more comprehensive business evaluations and reporting

capabilities.

* XML Publisher Report Enhancement: Improved the XML Publisher Item Attribute Verification Report by adding attributes such as **ICC, Creation Date, and EU** Preference Origin, enhancing data accuracy and completeness.
* Enhanced Nifi integrations to log transactions in Oracle databases and call **REST** services to publish PIM data, improving data synchronization and accessibility.
* Managed and supported all production, development, and staging instances of Oracle databases, ensuring their availability, performance, and security.
* Implemented backup and recovery strategies using **Oracle Recovery Manager** (**RMAN**) and monitored backup schedules to ensure data protection and availability.
* Utilized AWS services such as **EC2, Data-Pipeline, S3, RDS, and EMR** for architecting and deploying new database solutions, facilitating scalability and flexibility.
* Migrated Oracle databases to AWS RDS using the AWS Database Migration Service (DMS), ensuring minimal downtime and seamless transition.
* Proven ability to collaborate with cross-functional teams, stakeholders, and end-users to understand requirements, define project scopes, and deliver GIS solutions that meet business needs effectively.
* PostgreSQL Database Management: Designed and managed PostgreSQL database schemas, optimizing database structures for performance and scalability.
* Monitored database performance using **Oracle Enterprise Manager (OEM)** and implemented performance tuning measures to optimize query execution and resource utilization.
* Applied Oracle patches and upgrades to Databa data Platinum Patching. Scheduling Patching, Firewall open for port 22, verifying patches downloaded, monitoring patching although the process, verifying versions after patching. DR patching. Leftover Oracle Homes patching, etc.

**Environment:** RHEL, Sun OS, Foreign Exchange Application, Oracle 11g/12c/19c, Goldengate, DG Broker, EXADATA

# Federated Investments, Pittsburgh, PA May 2020 – Sep 2021

# Oracle DBA

# Responsibilities:

* Background in the banking sector.
* Extensive Oracle DBA Background with **100 TB**+ Database Support for Over 2 Years
* Background in providing assistance for both OLTP and Data Warehouse settings.
* Exceptionally skilled in **Active Data Guard, RMAN, RAC, and GDS**.
* Implemented database schema designs and optimized queries to improve the efficiency of Postgres databases supporting data analytics projects.
* Skilled in utilizing SQL Tuning
* Demonstrated ability to design and implement geodatabases in **ArcGIS**, including schema design, data modeling, and versioning for efficient data management.
* Familiarity with Oracle Utilities suite for managing utility operations, including customer information systems (**CIS**), meter data management (MDM), and outage management systems (**OMS**).
* Familiar with **SQL Performance Analyzer** for assessing the impact of system changes on SQL query performance before implementation.
* Experience in implementing and configuring Oracle Utilities applications such as Customer Care ion plans and identified opportunities for optimization through SQL tuning and index optimization techniques.
* Implemented database caching mechanisms and query caching solutions to reduce latency and improve scalability for high-traffic applications
* Competency in utilizing scripting languages, including **BASH, KSH, and PowerShell**.
* Applied PSU patches on standalone and **RAC** environments in rolling fashion
* Ensuring **BCP SYNC** with the production post Password Remediation.
* Good experience in shell scripting language
* Implemented database indexing strategies to improve query performance and reduce response times for critical applications.
* Configured **Virtual Private Database (VPD**) policies to enforce row-level access control and mask sensitive data based on user roles and attributes.
* Good in handling and debugging the scripts during remediation.
* Good Experience of authoring code in **SQL, PL/SQL** on **Unix/Linux**
* Tested disaster recovery procedures regularly, simulating various failure scenarios and validating recovery times and data consistency.
* Administering the Cluster ware and RAC Database through **CRSCTL and SRVCTL**.
* Worked on **DataGuard** configuration and DR Monitoring, gap resolutions.
* Worked on ASM databases (Checked free space on Disk groups, communication of database
* instances with disk groups)
* Knowledgeable about utility industry standards and regulations such as NERC, FERC, and state-specific regulatory requirements.
* Familiarity with metering technologies, **AMI/AMR** systems, and smart grid initiatives in the utility industry.
* Skilled in providing technical support, troubleshooting, and resolving issues related to ArcGIS and Oracle Utilities applications, ensuring uninterrupted system operations.
* Managed OCI resources through Infrastructure as Code (IaC) tools such as **Terraform**, automating the provisioning and configuration of database environments.
* Familiarity with EDB Postgres Advanced Server experience.
* Implementing of logical and physical backups.
* Implemented best practices for database deployment on OCI, including resource provisioning, network configuration, and security settings.
* Implemented automated backup retention policies to manage backup storage costs and ensure compliance with organizational data retention requirements.
* Monitor and manage database indexes for enhancing the performance.
* Proficient in the use of **Data Domain** and **Rubrik** for backup and recovery.
* Proficiency in working with **MongoDB** Atlas.
* Conducted routine health checks and performance tuning activities, including index maintenance, statistics gathering, and parameter optimization.
* Utilized OCI tools and services such as Oracle Autonomous Database and Oracle Database as a Service (**DBaaS**) to streamline database management tasks and reduce operational overhead.
* Participated in disaster recovery drills and exercises to validate backup and recovery procedures and ensure readiness for emergency situations.

**Environment:** RHEL, Sun OS, Foreign Exchange Application, Oracle 11g/12c/19c, Goldengate, DG Broker, EXADATAand Billing (CC&B), Meter Data Management (MDM), and Work and Asset Management (WAM).

# Cyient Insights, India Nov 2017- June 2019

**Oracle DBA**

# Responsibilities:

* Expertise in the financial services industry.
* Proven 3+ Years of Oracle DBA Proficiency in Managing Databases Exceeding 250+ TB
* Familiarity with supporting both OLTP and Data Warehouse environments.
* Demonstrates a high level of expertise in Active Data Guard, RMAN, RAC, and GDS.
* Skillset includes experience using EDB **Postgres** Advanced Server.
* Leveraged MS Access for data manipulation and reporting tasks, supporting project teams with data analysis and visualization requirements.
* Administered **MongoDB** clusters for high availability and scalability, handling large volumes of data for real-time applications such as social media analytics.
* Managed OCI resources through Infrastructure as **Code (IaC) tools such as Terraform,** automating the provisioning and configuration of database environments.
* Implemented proactive monitoring solutions to track database performance metrics and identify areas for optimization, ensuring optimal system performance.
* Managed database updates and patches, following best practices and change management procedures to minimize disruptions to production environments.
* Implemented database security measures such as access controls, auditing, and encryption to protect sensitive data from unauthorized access and breaches.
* Conducted capacity planning exercises to forecast resource requirements and optimize database performance and cost efficiency on **OCI**.
* Knowledgeable in using **Oracle Trace Analyzer** to diagnose and troubleshoot performance issues at the database and application levels.
* Proficient in configuring and monitoring Oracle Automatic Database Diagnostic Monitor (**ADDM**) for proactive performance management and tuning.
* Familiar with **Oracle Active Data Guard** for offloading read-only workload from the primary database to standby databases for improved performance.
* Proficient in conducting regular failover and switchover tests to validate **Oracle Data Guard** and **Oracle RAC** configurations for business continuity.
* Documented database architectures and configurations to maintain comprehensive documentation and facilitate knowledge sharing among team members. Conducted database health checks and performance assessments to identify areas for optimization and implemented corrective actions as needed .

**Environment:** RHEL-5.x,6.x, Sun-Solaris, Oracle 11g R1&amp; R2, RAC 11g/12c, Srvctl, Crsctl, ocr config, ASM, Dataguard, AWR, ADDM, ASH, RMAN, Data pump, OPatch, Materialized views, Putty, EXADATA

# Incessant Technologies, India Aug 2014- Nov 2017

# Oracle DBA

# Responsibilities:

* Expertise in the insurance field/ healthcare platforms, particularly within the healthcare sector.
* Extensive **Oracle DBA** Career Spanning 2+ Years, Focusing on Databases Greater Than 25 TB
* Experienced in installing different versions of Oracle on Linux
* Monitoring and troubleshooting space and backup and scheduled job-related errors from OEM.
* Database RMAN restorations to **Test** or **UAT** environments from Production.
* Creating table spaces &amp; monitoring their growth &amp; Resize or add more data files to database or tablespaces for space related issues.
* Developed data migration strategies to transition from legacy systems to **MongoDB**, ensuring minimal downtime and data integrity.
* Utilized **OCI Monitoring** and **Logging services** to track database performance metrics and troubleshoot issues proactively.
* Configured memory and storage parameters to optimize resource utilization and improve overall database performance.
* Experienced in implementing partitioning strategies, index optimization, and memory management techniques to enhance database performance.
* Skilled in using **Oracle Statspack** for historical performance analysis and trend identification over time.
* Conducted regular performance reviews and implemented configuration adjustments to optimize resource utilization and improve overall database performance on OCI.
* Leveraged **OCI** performance monitoring tools such as AWR reports and ASH analytics to diagnose performance issues and troubleshoot system bottlenecks.
* Incorporated MS Access into database management workflows for **data extraction**, transformation, and reporting purposes, enhancing data accessibility and analysis capabilities.
* Database Automation: Implemented automation scripts and scheduled jobs to streamline routine

**Environment:** RHEL 5.x, 6.x, Sun-Solaris, and Oracle 11g R1 & R2, with expertise in RAC 11g/12c. Key tools and technologies used are Srvctl, Crsctl, ocr config, ASM, Dataguard, AWR, ADDM, ASH, RMAN, Data pump, OPatch, and Putty. Additionally, specialized hardware like EXADATA is utilized for optimized performance.