

**ANAND JALLI**

 **Oracle Database Administrator**

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Contact-

**Professional Summary:**

10+ years of professional experience as Oracle Database Administrator having good experience in Database Administration, Database Installation, Upgrading, Migration, Patching, Performance Tuning, RAC installation and Maintenance, setting up and Configuring Data Guard, performing all kinds of backups and recoveries, Cloning Databases, Automated RMAN backups, replicated using Golden Gate, Security, Auditing and Production Support on 10G/11g/12C/19C, MYSQL 5.6/5.7,Postgres12, Cloud, Azure, AWS, OEM cloud control 12C/13c , CloudWatch

**Experience Synopsis:**

* Providing DBA support to multiple Cluster, Non-cluster and ASM Database in production, development and Testing Servers on UNIX, Linux Environments
* Having good experience in 10g/11g/12c/19c database administration in Real Application Cluster, Standalone and ASM databases
* Good knowledge & experience on Cloud Computing like Azure/AWS
* Experience in Windows Azure, migrating database to Azure
* High level understanding of RDBMS concepts as well as Data Modeling and Azure SQL concepts
* Testing and implementing different physical (hot/cold) and logical backup and recovery methods including point in time, media recovery, full/partial, and data pump export/import
* Hands on experience with Chef in AWS Cloud environment and have good knowledge about Physical and Logical structure of a database
* Experience in managing RAC and Standalone environment 11g/12c OEM Grid Control Installing, creating policies monitoring and managing of Oracle instances using Enterprise Manager Grid Control 11g/12c
* Good experience in Planning and Implementing Disaster Recovery databases using Data Guard and configuring, managing, troubleshooting and monitoring Physical standby using Data Guard 11g/12c
* Good experience in Installing, Configuring and replicating databases using Oracle Golden Gate, implemented unidirectional and bi-directional replication
* Installed patches using OPatch utility and upgraded databases on 11G/12C and expertise in applying Oracle PSU and CPU patches
* Worked on AWS DMS for Migrating Oracle databases.
* Good Experience in performing health checks of RAC components OCR, voting files and backups using OCRCONFIG and troubleshooting issues using clusterware logs in 12c and 11g RAC Environments and handy in using utilities SRVCTL and CRSCTL
* Experience in upgrading grid infrastructure from 1120x to 11204 and from 11204 to 12102
* Performed cross platform migration of databases from IBM - AIX to Linux 11g using RMAN, Data Pump
* Detecting and diagnosing production system performance problem by analyzing STATSPACK reports, Oracle trace and log files, ASH, AWR, ADDM, analyzing SQL statements measuring system and database activity, Querying Oracle dynamic performance views
* Worked with AWS services such as EC2, VPC, RDS, S3,DMS, and migrating on-premise data into AWS
* Good experience with networking concepts such as DNS, DHCP, SSL, OSI Model, and TCP/IP
* Strong experience in Oracle database and well experienced in SQL, PL/SQL knowledge

**Technical Skills:**

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| **Databases** | Oracle 19c/12c/11g/10G/9i,Oracle Real Application Cluster(RAC) 11g/12c, Azure, Cloud AWSASM,MYSQL5.6/5.7,Postgres11/12,MSSQL2014/2016/2017 |
| **Oracle Products** | Oracle Real Application Cluster 12c/11g/10g, Golden Gate12C, Data Guard, Data pump, OEM, Oracle Wallet Management, Automatic Storage Management, Recovery Manager, RMAN |
| **Operating System** | Oracle Linux, A/X, Red Hat Enterprise Linux (RHEL)  |
| **Languages** | SQL, PL/SQL, Unix shell scripting |
| **Tools & Utilities** | SQL Trace and SQL tuning Advisory, stats pack, SQL\* plus, ADDM, DBCA, Log Miner, TKPROF, AWR, ASH, Toad, Oracle SQL Developer, DB Artisan Putty |

**Academic Qualification**:

**University of Illinois, Springfield, IL Aug2018 - May 2020**

Master of Science in Computer Science

**Jawaharlal Nehru Technological University, Hyderabad, India Jun 2004 - May 2008**

Bachelor’s Degree in Computer Science

**Professional Experience:**

**Employer: Springfield Clinic, Springfield, IL**

**Duration: Aug 2020 – Till Date**

**Role: Oracle/Azure Database Admin**

* Working with JIRA tickets
* Experienced in installing, configuring, administering and maintaining Oracle Databases in different versions
* Creating and administering Active Data Guard to for reporting applications.
* Coordinate downtime with application development teams and system engineers to implement approved changes.
* Ensure the detailed physical design of data structures and database complies with enterprise build and configuration standards and processes.
* Responsible for user configuration, security and support processes including gather stats and database backup/recovery.
* Experience working with Azure SQL Database Import and Export Service.
* Having experience in Migrating on Premises SQL Databases to SQL Azure using DMA & DMS(Offline & Online).
* Having experience in configuring Virtual machines using Azure portal.
* Having experience in creating the alerts for VMs using Azure Portal.
* Using Oracle Data Pump utility making faster exports/imports on large databases and saving lot of time.
* Performed patching on Oracle Database Server 11g, 12c using Opatch utility.
* Established performance tuning best practices used by the DBA and Development teams.
* Perform Daily Monitoring of Oracle Instances, monitor users, and table spaces, Memory Structures, Rollback Segments, Logs and Alerts.
* Capacity Planning and requesting the storage required by analyzing the database growth.
* Provided a positive impression of support centre by documenting, tracking, and following-up on all solutions making sure end-user problems were resolved to their satisfaction
* Performed daily maintenance tasks like space management, rectified locking problems, managed quotas etc., configured network components like TNSNAMES, Names Server, Connection Manager, etc. for easy and effective management of Oracle networking. Configured listener for external procedure calls.
* Provided appropriate security for users of databases, applications, servers, and systems, by setting and managing accounts, keeping sensitive data secure.
* Performance tuning of the database - SQL Tuning, Used Tuning utilities like TKPROF, EXPLAIN PLAN, AWR, ADDM, SPA and Tuning of SGA, Distribution of disk I/O, Sizing of tables and indexes.
* Experience with SQL, PL/SQL coding, stored procedures, triggers, cursors, functions, packages, UNIX Shell Scripting, Indexes, Logical and Physical database design to implement the business logic.

**Client: Illinois Department of Aging, Springfield IL**

**Duration: Jan 2019 – Jun 2020**

**Role: Oracle/AWS Cloud Database Administrator**

* Building databases both standalone and clustered databases (RAC) manually
* Installed and Configured Oracle 11G/12C databases on Linux and also Upgraded Oracle databases from 11G to 12C
* Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, S3, Elastic Beanstalk, ELB (Load Balancers), RDS, VPC, Direct Connect, Route53, Cloud Watch, Cloud Formation, IAM, SNS etc.
* Configured and installed, involved using AWS services such as EC2, Data Pipeline, S3, RDS and EMR. Architecting new DBA solutions in AWS.
* Defined AWS Security Groups, which acted as virtual firewalls that controlled the traffic, allowed reaching one or more AWS EC2 instances.
* 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).
* Worked on multiple databases available in AWS RDS such as Aurora, Oracle, MSSQL, MySQL, Cassandra, and PostgreSQL.
* Worked on converting schema from one DB engine to AWS RDS using AWS Schema Conversion Tool (SCT).
* Worked on Database monitoring / performance / diagnostics via dictionary views and cloud control
* Achieved High Availability, Data protection and Maximum performance by physical standby databases
* Responsible for installing, upgrading and configuring the Oracle environment by creating databases, storage structures and objects, database backup and recovery, monitoring and optimizing database performance.
* Experience in setting up Grid Control and 12c Cloud Control.
* Extensively working with cloud based database environments preferably AWS cloud.
* Implemented Monitoring Templates and Incident Rule notifications using OEM cloud control 12C/13c for database alerting.
* Worked on Cloud Migration project, worked on servers and databases running on VMware
* Implemented Oracle database backup & recovery solutions using RMAN.
* Experience in deploying SQL Databases in CLOUD AZURE AMAZON .
* Extensive use of Oracle Data Pump Exports/Imports utility for moving data among the servers.
* Written Stored Procedures and Triggers for database maintenance and management using PL/SQL; UNIX Shell Scripts for backups.
* Tested database performance issues (monitoring and tuning) to ensure database optimization.

**Client: Citi Bank**

**Employer - Wipro Technologies Ltd, Hyderabad, India**

**Duration: Dec 2013 – Aug 2018**

**Role: Oracle Database Administrator**

* Experienced in installing, configuring, administering and maintaining Oracle Databases in different versions
* Implemented High Availability solutions with Oracle RAC, Physical Standby Databases (Data Guard)
* Designed and created table spaces, tables, indexes, views, synonyms, procedures and all other schema objects as per user requirements using DDL and DML statements
* Created data backups, performed restore and implemented recovery procedures using Recovery Manager (RMAN)
* Performed cloning, migrations, schema level exports and imports using data pumps and RMAN backup
* Worked with users, application teams and project managers to ensure all change requests were staged in UAT environment then into production environment with minimum impact to business
* Upgraded and applied PSU patches in both RAC and Non-RAC databases
* Expert in database Security by creating and monitoring Privileges, Roles, Auditing, Profiling, Authentication and Risk managements
* Optimal Space utilization in table space by avoiding fragmentation and performed Daily, Weekly and Monthly Oracle database monitoring and maintenance tasks
* Review alert logs and trace files to check for issues related to the database/user
* Monitored Grid Control OEM and managed space alerts
* Experienced in storage and space management for the databases Involved in Database sizing and Capacity Planning
* Worked with the business analysts throughout the development cycle, and provided post-implementation support, for data and report issues identified by customers
* Have experience working with Oracle support group

**Environment: OEM, Oracle SQL Developer, Shell Scripting, ASM, RAC, Data Guard, data pump**

**Employer: Sankhya InfoTech Ltd, Hyderabad, India**

**Duration: May 2012 – Jul 2013**

**Role: Oracle Database Administrator**

* Provide day-to-day customer support for projects, as well as run support to production in daily or Emergency scenarios to resolve issues
* Performed SQL tuning, System tuning, Database and Instance tuning by analyzing root causes
* Configuration of Standby Database for Disaster Recovery using Data guard
* Applying oracle recommended CPU and PSU patches on Databases which are tracked under BMC Service Now
* Supporting Oracle databases that utilize the RMAN backups to disk or other mediums
* Support of production and non-production systems/DBs and new deployment Support and implement High availability DB environment

**Environment: Grid Control, OEM Database control, Oracle SQL Developer, ASM, RAC, Data Guard, data pump, Toad**

**Client: Commonwealth Games 2010**

**Employer: Electronics Corporation of India Ltd (ECIL), Hyderabad India**

**Duration: Dec 2009 – Jan 2011**

**Role: Oracle Database Administrator**

**Responsibilities:**

* Creating 10g,11g Single and RAC databases in DEV,UAT environments
* Monitored DR (Data Guard) implementations regarding connectivity issues and "log shipping" to failover site
* Refreshing of databases using Data Pump Export and Import utilities (expdp/impdp) along with dblinks
* Implemented backup/recover strategies using hot backup, cold backup using RMAN and Export/Import utilities and Wrote Shell Scripting for managing day-to-day activities and automation of backup
* Performing day-to-day activities of Production database such as monitoring its growth and performance and performed maintenance tasks, rebuilding indexes, gathering statistics, refreshing materialized views etc
* Managing and providing 24X7 supports for various versions of databases

**Environment**: Oracle11gR2, Linux 5, Oracle Enterprise Manager, Oracle SQL Developer, Shell Scripting