

RESUME

Tanmoy Dey

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Career Objective

To pursue an excelling career as an Oracle DBA in an organization that provides a challenging, aggressive, team oriented work environment and allows me to grow both professionally and as an individual.

Professional Summary

- Having 9+ Years of experience as Oracle DBA and Golden Gate.
- Working as a Lead Analyst DBA in CGI, providing entire Production support, On call and Project activities like automation using OEM Corrective actions, Always on Monitoring Implementation.
- Supporting Standalone, Primary, Standby, RAC, RAC standby, Golden Gate, Fail Safe (OS cluster), Active data Guard databases.
- Supporting Uni & Bi Directional Golden Gate in RAC Environment.
- Troubleshooted Golden Gate Lag issue, Rebuilt Golden Gate configuration.
- Implemented Always on Monitoring in OEM 13c, OEM Corrective Action Automation, OEM Adaptive Threshold Monitoring.
- Performed 19c upgrade, patching and DB creation in ExaCC environment.
- Strong knowledge in OEM 12c,13c installation, configuration and administration, Performed Physical standby creation, DB Cloning, Data Refresh using expdp/impdp, Patching OMS and various administrative task and monitoring environment using OEM.s
- Having experience working as an Oracle DBA in Production and Development Support for Tata Consultancy Services.
- Implemented VPD column level masking in our various environment to fulfill customers data security requirement.
- Implemented archive solution for 14 TB database by introducing partitioning.
- Implemented PSU Patching Automation concept for both GRID and Standalone Database in OEM 12c for both AIX and Linux Systems.
- Applied PSU patching on both standalone databases (SAP & Oracle) and ASM through MOPatch and OPatch Utility. Applied PSU/Rolling patch on RAC, Dataguard, GRID environments.
- Performed Database Upgrade recently upgraded our many environments to 19c, ASM upgrade on more than 50 standalone databases through DBUA and Manually.
- Handled Oracle 8i,9i,10g, 11g, 12c, 18c,19c, RAC (2 node),Dataguard, MAA (4nodes RAC & Dataguard) databases.
- Configured Physical Standby dataguard setup in 12c standalone database, performed switchover and failover.
- Performed cross platform migration from MYSQL to Oracle.
- Performed rolling forward a Physical Standby using recover from service command in 12c.

- Performed export import using Transportable tablespace.
- Troubleshooted various issue related to RAC, Dataguard, MAA environment.
- Troubleshooted various performance issue and resolved it by applying SQL profile, Baseline, Indexing and performing table reorg.
- Performed storage Migration which includes migration from FS to ASM, ASM to FS
- Deployment of 12c agents in more than 50 servers and promoting them successfully in Grid. Also troubleshooting various agent related issues and providing a permanent solution.
- Oracle software installation and database creation on AIX, LINUX, UNIX, Solaris and Windows platforms.
- Optimizing the performance through tools like AWR,ASH,ADDM and EXPLAIN PLAN.
- Worked on different platforms Sun Solaris,IBM AIX(x86-64), RHEL5 & Windows.
- Worked on Exadata storage server (X2-2 Full RAC)
- Basic shell scripting and PostgreSQL knowledge.
- Having Oracle Cloud knowledge with OCI certification and AWS knowledge with certification.

Technical Skills

PRIMARY SKILL	Oracle DBA.
DATABASES	Oracle 8i,9i,10g and 11g and 12c,18c,19c Oracle Exadata, MAA
LANGUAGES	SQL
TOOLS, UTILITIES & TECHNOLOGIES	RMAN,OEM, ASM, Datapump, export / import, DBCA and Shell Scripting. Basic Cellcli and Dcli commands required for Exadata, Golden Gate, Exacc
OPERATING SYSTEMS	Sun Solaris, Linux, Unix,Windows

Experience Summary

Company Name	Designation	Start date	End Date
CGI	Lead Analyst	30 th -Jun-2022	Till Date
Capgemini	Senior Consultant	28 th -Oct-2021	27 th -Jun-2022
Tata Consultancy Services	IT Analyst	18th-May-2015	26 th -Oct-2021
Mahindra Satyam Computer Services/ TechMahindra	Junior Software Engineer	8th-Aug-2012	8 th -May-2015

EDUCATION:

- Pursuing B.Tech from Gargi Memorial Institute of Technology.
- Diploma in electronics & telecommunication stream from Ramakrishna Mission

Shilpamandira(West Bengal) with aggregate of 78%.

- 10th Standard from Board of WBBSE in Mathematics, Physics and Chemistry, passed out in 2006 with 72.12%.
- 12th Standard from Board of WBCHSE board with 66%

CERTIFICATION:

OCA certified for 11g administration, Oracle Autonomous Cloud 2019 Certified Specialist, Oracle Cloud Infrastructure Foundations 2020 Certified Associate, AWS Solution Architect Associate.

Project Experience

CGI

Bell Canada (Telecom Domain) Oracle DBA Support 30-Jun-2022 – Till Date

- Working as a Lead Oracle DBA, Majorly involved in handling high level incidents, Providing On call support and managing all project activities.
- Supporting Oracle Database from 9i,10g,11g,12c,18c,19c version with RAC, DG, MAA, ADG, Golden Gate environment.
- Managing PSU, OVJM, JDK patch for the entire environment to remediate security vulnerabilities.
- Deployed OEM cluster configuration for all cluster database to monitor the estate from single console and OEM Always on monitoring.
- Expert in troubleshooting complex issue in Performance Tuning, DG issue and RAC cluster startup issue.
- Supporting Golden Gate uni & bidirectional replication environment in RAC environment.

Capgemini Technology Services India Limited

Bayer Cropsience Oracle DBA Support 28-OCT-2021 to 27-Jun-2022

- Worked as an Oracle DBA, Majorly involved in BAU support handling escalated client issues, troubleshooting and fixing followed by providing RCA.
- Worked on Performance tuning, Query tuning issues for the critical databases.
- Performed 19c upgrade, patching and DB creation in ExaCC environment.
- Support provided for Exacc environment during on premises to EXACC cloud migration.
- Handled entire database auditing Monthly, Yearly, Daily for the account.
- Worked on Golden Gate extract abend issues. Troubleshooting GG issue related to Replication, Extract.s

TATA CONSULTANCY SERVICES

Kingfisher IT Services (KITS) Oracle DBA Support 20-MAY-2015 to 8-MAY-2015

B&Q, Catstorma Store,UK

- Worked as an Oracle DBA. Majorly Involved in Oracle software, ASM installation and database creation on AIX, LINUX, UNIX, Solaris and Windows platforms.

- Monitoring memory usage. Data handling executing database change requests as and when required, running export and import. Analyzing database schemas, tables and indexes for improving database performance.
- Monitoring daily hot backups of critical production databases.
- Daily Space monitoring in production server as well as development and UAT environments.
- Worked on various scenarios related to performance tuning.
- Taking RMAN full database and incremental backups.
- Closely worked with Development team to provide support to all the phases.
- Involved in understanding client requirements by closely working with onshore leads and functional consultants.
- Deployment of 12c agents in more than 50 servers and promoting them successfully in Grid. Also troubleshooting various agent related issues and providing a permanent solution
- Worked in Oracle Database Upgrade, ASM upgrade, Patching (PSU and Security Patches), Dataguard Patching , RAC Patching(2 node), 13c Agent patching, Storage Migration (File system to ASM and ASM to File System), RMAN backup and Recovery
- Implemented Patching Automation technique for both Prod and Pre-Prod Databases running on 11g
- Worked in DB refresh, Point in time recovery, datafile restore activity for both Prod and Pre-Prod Databases running on 10g, 11g, and 12c.
- Performed various type of Export Import activity for both Prod and Pre-Prod Databases running on 10g, 11g, 12c.

TECH MAHINDRA

8th Aug 2012 to 8th May 2015

1) GE Money Americas DM RUN

Client : GE Money Americas
Database : Oracle 10g, 11g.
Operating Systems : Sun Solaris.
Tools & Technologies : RMAN, Toad, Export / Import, Datapump.
Duration : Feb 2013 – 8th May 2015

Description: The project involves 24x7 critical production DBA support, administration and maintenance of 60+ Oracle databases on Sun Sparc Solaris server platform and support to 4000+ business users. The major challenge is to provide 99.99% availability support to 60 TB cardholder data with 100 GB data load and 500+ businesses reporting daily under security compliance guidelines. The support environment includes Development, Staging/QA and Production databases and consists of various support teams.

Contribution:

- The Job involved Trouble Shooting and Providing Support to the above clients.
- Maintenance of three critical exadata databases of sizes 30 TB each.
- Basic architecture and features of Oracle Exadata.
- DCLI and CELLCLI commands knowledge .

- Worked with Oracle support while patching of Exadata databases.
- One time and monthly table compression activities to ensure enhanced query performance and optimal space utilization.
- Involved in end to end migration activity of databases from Standalone to Exadata.
- Database and data migration using different methods like Export-Import, Transportable Tablespaces, Database Link, Datafile Move & Recovery and External Table mechanism.
- Oracle Database quarterly patching and up-gradation.
- Maintenance and Customization of various database related activities like alert log file monitoring, archive destination monitoring, maintenance of various log and trace files, monitoring of Oracle home, listener.ora and tnsnames.ora file,
- Database connectivity issue resolution, gathering database, schema and table statistics, load monitoring and system performance monitoring on peak and non peak hours for better analyzing of the system and provide the solutions.
- Ensuring successful Cold and Hot Database Backup validation in disk and tape.
- Creation & Maintenance of Users, Roles, profiles, access & privileges and security aspects of the databases.
- Management of system and session level parameters, converting databases from no-archivelog to archivelog mode and vice-versa etc.
- Used several concepts of Export and import to migrate the data.
- Worked on different Compression techniques during the migration to reclaim much space in Exadata.

2) GE Money Americas DM Build

Client : General Electrical

Database : Oracle 10g, 11g.

Operating Systems : Sun Solaris,

Tools & Technologies : RMAN, Toad, Export / Import, Datapump.

Duration : Feb 2013-Sep 2013

Description: The Project **GE Capital Retail Consumer DW DBA Support** is one of the major projects currently under the purview of Satyam from client GE Capital Retail Consumer Finance. GE Capital is one for the largest market players for Credit cards in US. GE functioned both as Provider and Acquirer for credit cards. The project involves DBA support, administration and maintenance.

Contribution:

- Oracle Database & Client Software installation.
- Database and data migration using different methods like Export-Import, Transportable Tablespaces, Database Link, Data file Move & Recovery and External Table mechanism.
- Applying PSU patches and up-gradation of the databases from 10g to 11g.

- Database performance tuning by tuning parameters at OS and database level, maintaining life cycle management, tuning at application end etc.
- Involved in end-end life cycle of the database related project implementations like client feed addition, table creation, structural change and backend functionality upgrade & modifications etc.
- Space estimation, management and monitoring at various levels like segment, table, data files & tablespaces and database
- Coordination and support for various database related error, issues, job failure resolution to Business user community and ETL development & productions teams.
- Tables, indexes, partitions, data file, Tablespaces creation, renaming, relocation and maintenance.
- Management of system and session level parameters.
- Monitoring and Tuning Enhancement of system and database performance including Disk I/O, Memory, and Processes etc.
- Case & Ticket management and resolution at various levels like business users, ETL and database.
- Documentation of repetitive and best practice processes and methods to reduce activity time.
- Maintaining checklist, best practice and quality guidelines to ensure high end delivery of the service.
- Maintaining data security compliance through various means like query tracking, user login, database vulnerability scanning and health check etc.

DECLARATION

I would like to confirm that, the above mentioned information are correct to the best of my knowledge & belief.

Bangalore
05-Jan-2023

TANMOY DEY