**Hari**

**SQL / ORACLE Database Administrator**

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**SUMMARY:**

* Around **8** years of experience in Database Administration for very large and complex databases in SQL Server 2016 2014, 2012, 2008 R2, 2008 and 2005 and also Oracle 9i, 10g, 11g, 12cacross different platforms (Red Hat Linux, Sun Solaris, HP-UX, IBM-AIX, and Windows server).
* Expertise in Database Administration on Production Servers with server configuration, performance tuning and maintenance with outstanding troubleshooting capabilities.
* Strong technical background along with the ability to perform business analysis and write effective documentation and specifications.
* Administering SQL Server High Availability and Disaster Recovery strategies.
* Implemented the new SQL Server 2012 mechanisms like data compression, online indexing, Contained Databases, security principals and Always On Availability Groups.
* Worked on logical and physical data base modeling with UML and ERWIN tools.
* Experience in using DMV and dynamic management functions for finding out long running queries.
* Worked extensively on Clustering and server consolidation.
* Worked on SQL Server 2012 migration from SQL Server 2008R2\2005.
* Having Experience on Data center servers and handling 4 TB databases.
* Troubleshooting production issues and raising high availability.
* Experience in extracting and transforming data using SSIS, DTS Import/Export Data, Bulk Insert, BCP and DTS Packages.
* Experience in Disaster Recovery Planning and Security Management operations.
* Experience in setting up High Availability techniques like Log Shipping, Database Mirroring, Failover Clustering, Replication and Always On as per business requirement.
* Installed Failover Clustering on multiple nodes on Active-Passive and Active-Active environments.
* Expertise in handling migrations across different servers and managing Data Center Migrations along with managing security, logins, jobs and maintenance plans.
* Experience with 2005 new concepts like data partitioning, online indexing, DDL triggers, DMV, DMF, DTA, SSIS and performance dash board.
* Created jobs, alerts, operators and notifications by automating alerts using the Database Mail and SQL Server Agent.
* Proficiency and expertise in SQL Server Replication, Backup/Recovery, Disaster recovery and planning.
* Worked on configuring SQL Server with minimum privileged access.
* Handled multiple SQL Instances on Cluster environment for Server Consolidation projects built on SAN using RAID levels.
* Expertise in administration of Oracle 9i, 10g, 11g, and 12c with experience on large scale databases and mission critical systems including OLTP and OLAP
* Experience in implementing virtualization using VMware and 12c pluggable database for medium and less critical applications
* Exadata Administration, which includes Implementation, migration of DBs and supporting databases in Exadata environments
* Proficient in Database Administration activities such as Upgrades (11gR2 to 12cR1, 10g R2 to 11gR2, 11gR1 to 11gR2, 10g R1 to 10gR2) Patches, TAR support Cloning, Backup and Recovery, Performance Tuning, capacity planning, script development, and documentation for RAC and Non RAC databases.
* Troubleshoot performance problems, fine-tuning of databases and index Analysis.
* Worked on SQL Server 2012 migration from SQL Server 2008 / 2005.
* Maintained individual service accounts for SQL Server services on cluster with different Security groups to raise security mark.
* Good understanding in database and data warehousing concepts (OLTP & OLAP).
* Experience in Dimensional Modeling, Star Schema / Snowflake Schema, FACT and Dimensional tables and Operational Data Store (ODS).
* Experience in Creation and deployment of cubes on **SSAS.**
* Experience in Normalization, Database design, Performance Analysis and Production Support for very large (VLDB) and Complex Databases.
* Expert in trouble shooting database issues like space issues, deadlocks, performance blocking and using Trace flags.
* Experience in maintaining the security for databases (creating logins for users, roles, and assigning permissions to them).
* Handling Memory configurations for SQL Server 2014 and SQL Server 2012 on Windows 2012.
* Experience in Batch processes, Import, Export, Backup, Database Monitoring tools and Application support.
* Created Linked Servers between SQL Server 2008 R2 & Oracle 9i and 10g. Also created DTS package for data transfer between the two environments.
* Working knowledge in Analysis Services (SSAS), Reporting Services (SSRS) and Integration Services (SSIS).
* Strong experience in mentoring team members and writing documentation.
* 24 X 7 Production Database on Call Support.

**TECHNICALSKILLS:**

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| **Database:** | SQL Server 2014\2012\2008R2\2008\2005\2000, Oracle 12c, 11g/10g/9i/Oracle 10g |
| **Languages:** | SQL, T-SQL, PL/SQL, UNIX Shell Scripting, Ksh, bash and Perl Scripting |
| **Operating Systems:** | Windows Server 2008/2003/XP,HP-UX 10.x, 11.x, Sun Solaris 10, AIX 5.x, 6.1 Red Hat Linux RHEL 5.x, 6.x and 7.x |
| **SQL Server Skills:** | Upgrading\Patching SQL Server, Database Migrations, Disaster Recovery, High Availability, Log shipping, Failover Clustering, Database Mirroring, Replication, Always On High Availability, Database Design and Security, Performance Monitoring and Tuning, Backup and Restore, Partitioning, Indexing |
| **SQL Server Tools:** | SQL Server Management Studio, Query Analyzer, Business Intelligence Development Studio, SQL Profiler, SQL Server Configuration Manager, Database Engine Tuning Advisor, Error Reporting, Activity Monitor |
| **BI Tools:** | SSIS, SSRS, SSAS |
| **Other Tools:** | MS Office, Erwin, Toad, MS Visio, BMC Remedy, VMWare, Lotus Notes, Idera, Litespeed, OEM, DAM, AVDF |

**PROFESSIONALEXPERIENCE:**

**Anthem, Norfolk, VA(June 2014 - Present)**

**SQL Server/ ORACLE DBA**

**Responsibilities:**

* Installing SQL Server 2012 for Side-Side migration and set up initial databases for application testing.
* Maintaining the database systems includes but is not limited to ensuring successful backups, resolving system issues, opening cases with technical support to resolve issues, monitoring success and failure of automated jobs, monitor system availability, updating system documentation, system and database recovery, etc.
* Worked on migration of databases from SQL Server 2012 to SQL Server 2014.
* Scheduling the DBCC commands to run daily, weekly basis. Developed automated tasks for daily, weekly and integrity verification.
* Managing Databases spread across multiple servers in Production, Development, staging & testing environments.
* Installed Failover Clustering on multiple nodes on Active-Passive and Active-Active environments.
* Updating database systems by reviewing, planning, testing and installing database security patches and service packs. Responsible for daily operations of Database support and troubleshooting.
* Design, document, and promote security "best practices", policies, standards and protocols.
* Migrating application code and objects from development/test environments to production.
* Working with development and systems teams to perform application and database tuning.
* Setup and maintenance of appropriate database and application monitoring.
* Setup, test and maintain business continuity/disaster recovery infrastructure database and applications.
* Providing highly available database and application infrastructure according to Business Continuity requirements using SQL clustering, load-balancing, etc.
* Setting up replication\mirroring\log shipping based on necessity and cost effective implementation as per client requirement.
* Setting up and Monitored transactional replication, Database mirroring on Production and QA servers.
* Responsible to Monitor and troubleshooting Log Shipping.
* Administering ORACLE Databases 9i (9.2.0.5/9.2.0.8), 10g (10.1.0.3/10.2.0.2/10.2.0.4), 11g (11.1.0.7/11.2.0.2/11.2.0.2/11.2.0.3/11.2.0.4) and 12c (12.1.0.1/12.1.0.2) with over 30 TB in size.
* Upgraded Standalone and RAC ASM instances from 11.2.0.2 to 11.2.0.4 with minimum downtime.
* Migrated Tier2 and Tier3 10g/11g standalone databases to 12c pluggable databases from Solaris M980’s to VMware RHEL 6.2.
* Tested, documented and implemented the best practices to upgrade PROD, DEV, INT, TEST databases to oracle R2 and 12c with minimum downtime.
* Developed and implemented Automatic Database checkout shell script at Enterprise level which reduces the manual intervention of the DBA resources to 5% during the monthly UNIX server maintenance for the database checkout.
* Setup and monitored multi node RAC to RACData guard (11.2.0.3/11.2.0.4) with real time applyfor Disaster recovery and offload backups.
* Configured EMC Data Domain with DNFS for oracle 11g databases to back up the Database to NFS using RMAN.
* Tested the Data guard (Disaster Recovery) SWITCHOVER and FAILOVER of RAC primary and RAC standby databases with data guard broker and manually.
* SQL tuning using SQL Trace, SQLT, SQL profile, AWR baselines, SQL Baseline, TKPROF, explain plan and SQL Analyze.
* Set up and Configured Apex4.1 at Enterprise level backup and database growth reporting
* Setup and Configured ORACLE Active-passive cluster (11.2.0.3) for Standalone databases to provide High availability.
* Creating and refreshing materialized views & performing SQL\*loader jobs for data loading.
* Implemented centralized backup (hot) and recovery strategy for all the databases using shell

Scripts, SQL scripts and cron job.

* Performance tuning and Monitoring using Grid Control database & managing instances using OEM.
* Maintaining data integrity also managing profiles, resources and password security.
* Handled database server tuning, application tuning, maintaining documentation, capacity planning and database security.
* Using dynamic management views DMV and Dynamic Management Functions DMF , TSQL scripts, Triggers, and Store Procedures, troubleshoot and tune performance that include finding out long running queries and query costs.
* Analyzing Locks, Dead Locks using both Spotlight and DMVs and DMFs, and handling the isolation Level and Concurrency Effects.
* Monitored databases using Database Activity Monitoring (DAM) like OEM (Oracle Enterprise Manager), AVDF (Oracle Audit Vault and Database Firewall)
* ORACLE TAR Management: Raised and monitored TAR s with Oracle Corporation for issue resolutions.
* Cloned/Refreshed databases from production database using RMAN hot backups, Data pump and Active Database Cloning.
* Recovery of Database (Recovering from Media Failure, Recovering the tables dropped accidentally, recovering data files, recovering from Block Corruption) from previous RMAN backups.
* Installed and Configured the Enterprise Manager Grid Control on RAC databases.
* Create processes and procedures for application code and database object migrations to support an efficient and reliable system development lifecycle.
* Using BI tools, SSIS\SSRS based on necessity.
* Configured DB mail for sending automatic mails to respective people when SSIS process fails.
* Worked in Active-Active and Active-Passive Cluster environment as a High availability solution.
* Tuning queries which are running slow using Profiler and Statistics Io by using different Methods in terms of evaluating joins, indexes, updating Statistics and code modifications.
* Used forward engineering to create a Physical Data Model with DDL that best suits the requirements from the Logical Data Model
* Setting up and Monitored transactional replication, Database mirroring on Production and QA servers.
* Responsible to Monitor and troubleshooting Log Shipping.
* Created and maintained the Data Model repository as per company standards.
* Worked at conceptual/logical/physical data model level using Erwin according to requirements.
* Monitored and modified Performance using execution plans and Index tuning.
* Solving the Bugs Reflected by the Testing team.
* Daily routine DBA tasks like handling user's permissions and space issues on Production and Semi-Production Servers and handling maintenance Jobs.
* Review T-SQL code to verify it meet standards for both performance and error handling according to DBA standards.
* Performed Extensive Data Analysis & Modeling. Involved in all Data Architecture decisions.
* Handled monthly Database Refresh in QA-Test environment for testing of new Deployments and Build.
* Providing 24\*7 on call support.

**Pfizer,Pea pack, NJ(Oct 2012 - May 2014)**

**SQL Server / ORACLE DBA**

**Responsibilities:**

* 24x7 production support for several mission critical systems which utilize multiple Oracle databases.
  + - * Performed day-to-day DBA jobs for managing over 300 Prod/Dev databases.
* Setup and configured Oracle Physical Standby database (Data Guard), where the standby database was used for disaster recovery as well as to offload the running of huge reports.
* Set up Oracle 10G RAC on Linux 5.3 for Development, test and Production environment. Upgraded the Databases and clusters from 10.2.0.1.0 to 10.2.0.4.0.
* Responsible for maintaining the reporting, billing, and invoicing databases (PostgreSQL) (about 125 databases on three servers)
* Setup and/or upgrade database servers and replication environments (AIX/PostgreSQL 8.3/Slony 1.2.12)
* Wrote custom websites and database access routines (PostgreSQL/MySQL) for customer websites
* Implemented data replication through Materialized Views, advanced replication and creating and refreshing materialized views.
  + - * Installed and Implemented Backup & Recovery procedures. Implement Hot, Cold and Logical backup plans.
      * Migrated databases from one server to another server using Active Database Clonig, Data Pump, RMAN Duplicate database and Redirect restore.
* Designed the database for BEA web portal including analytics, portal, studio, and workflow.
* Configured Oracle grid control to manage the entire database in single centralized location.
* Worked on import/export, export data pump/import data pump and SQL- loader.
* Experience in using BITMAP, B-Tree Indexes, Composite indexes, Hash partitioning and Histograms.
* Replicated data for faster access, local access of shared data.
* Applied database patches using Opatch utility & worked on conversion from single node to 2 Node RAC database for SIT and UAT systems.
* Upgraded OEM and Enterprise Agents from 10g to 11g.
* Automated the backup jobs using RMAN for all production databases.
* Performance tuning for optimized results using tools like Explain Plan, SQL\*Trace and TKPROF, AWR/Stats pack.
* Setup and configured web access to OEM console including email and paging services.
* Building Clone instances for SIT and UAT environments.
* Load balancing, databases/schema/table re-organization for faster performance.
* The size of the production databases between 500 GB and 10TB
* Applying patches whenever required.
* Monitored for performance and tuned 9i/ 10g /11g RAC databases using OEM, ADDM, stats pack,

PL/SQL and shell scripts.

* Upgrade and Migration of Database from 9i to 10g and 10g to 11g and applying patches whenever required.
* Upgraded SQL Server 2000 to 2005 and applied Service packs at database and OS level and Maintained Clustered servers to provide high availability.
* Provided day–to-day administration tasks like space and log management in SQL serve2005.
* Involved in Database Migration from Oracle database to SQL Server 2005 database using SSIS.
* Data refresh from production to test and development using RMAN cloning or exp/imp utility.
* Continuous Performance monitoring and tuning of the databases and application using OEM Tuning Pack, Diagnostics Pack, and STATSPACK etc.
* Used BR\*Tools that is a product of SAP to re-org the tables/index, backup/restore/ recover the database and to monitor the performance of the database, gather Statistics and to automate the jobs through the calendar
* Providing Solutions to the Problem Faced by end Users or Programmers
* OS level activities like space monitoring of Mount points.
* Provided on call support for Oracle database and AIX UNIX tasks for Tibco Administrators and Web Sphere Admins.
* Database Tuning – Tuning Applications, Memory Tuning and Tuning Disk Usage
* Involved in migrating databases from one data center to another data center with ASM and Non-ASM environments.
* Experience on Database Activity Monitoring (DAM) like AVDF (Oracle Audit Vault and Database Firewall) to identify log blocks, monitoring and reporting.
* Handled database server tuning, application tuning, maintaining documentation, capacity planning and database security.
* Experience on configuring data domain with avamar and also configured nfs file systems and were shared with hosts which had large databases.
* Intensively used latest 10g/11gAutomatic Workload Repository (AWR) & Automatic Database Diagnostic Monitoring (ADDM) reports for the health check of the databases, Setup and configured web access to OEM Grid console including email, paging services, security policies to meet SOX Compliances.
* Analyzing STATSPACK, AWR, ADDM and TKPROF and 10046 traces for diagnosing the root cause of the issue.
* Used Reverse Engineering approach to redefine entities, relationships and attributes in the data model as per new specifications in Erwin after analyzing the database systems currently in use
* Enforced referential integrity in the OLTP data model for consistent relationship between tables and efficient database design.
* Translated Business Requirements into working Logical and Physical Data Models.
* Maintained Data Model and synchronized it with the changes to the database.
* Involved in Design, analysis, Implementation, Testing and support of ETL processes for Stage, ODS and Mart.
* Prepared ETL standards, Naming conventions and wrote ETL flow documentation for Stage, ODS and Mart.
* Performed Extensive Data Analysis & Modeling. Involved in all Data Architecture decisions.
* Used Change Data Capture (CDC) to simplify ETL in data warehouse applications.
* Managing DB2 UDB databases on 30 Unix servers, sizes up to a few hundred GBytes. Troubleshoot all database related problems.
* Traced the application using ORADEBUG and event 10046 and helped developers to identify the SQL statements performing slow on the Oracle 10g development server
* Upgraded Prod, Dev and Test instances from 10g (10.2.0.2) to 11g (11.2.0.1/11.2.0.2).
* Implemented backup and recovery strategies using export/import, RMAN.

**NIKE, Beaverton, Oregon (Oct 2011 – Sep 2012)**

**SQL Server /ORACLE DBA**

**Responsibilities:**

* Upgraded Oracle from 10.2.0.1 to 11.2.0.2 in development, test and production databases. Sizing the database as per the growth of the data and written space management scripts
* Refreshing the test and development databases with the production data. Analyzing and rebuilding of indexes. Created Rollback segments with different storage parameters to suite for Siebel databases
* Support, Maintenance, Installed and configured 2 node server side load balancing Oracle RAC 10g, 11g databases on Linux with ASM and Data Guard
* Maintaining striping, mirroring and online storage reconsideration and dynamic rebalancing through Oracle ASM and manage raw partitions
* Install, configure and support Uni-directional and Bi-directional Oracle-Oracle replicated environments utilizing Oracle GoldenGate and resolving the issues in conflicts between the source and target database
* Migration of databases to Oracle Exadata using GoldenGate with no downtime.
* Good experience and profound knowledge on configuring and administrating High Availability solutions namely Real Application Cluster (RAC), GoldenGate, ASM, and Physical and Logical Data Guard on Oracle 10g, 11g, and 12c
* Designed Backup and Recovery strategy for 24x7 Siebel applications, Written Hot and Cold Backup scripts for the Production databases. Also implemented RMAN for Siebel production and Test databases
* Installed 10.2.0.1 Oracle software on Sun Solaris Unix platform, Tuned SQLs and Databases (Tuning tools used: SQLLAB, EXPLAIN PLAN, TOAD) and performed DE-Fragmentation of databases, wrote PL/SQL batch programs and Db Triggers. Extensively used SQL Navigator
* Designed Backup and Recovery strategies and written Unix and SQL scripts to implement them
* Loaded data from .dat files to Oracle TABLES using SQL\*LOADER. Many times copied DB's from Dev to Test, PROD to Test Using EXPORT BACKUPS
* Wrote shell scripts in Ksh to run stored procedures and scheduled them on crontab to run daily
* Provide Primary DBA support for establishing, upgrading and maintaining the RDBMS software environment
* Created refined data models pertaining to reassessed business requirements conforming to applicable data standards and successfully documenting the existing system model and changes proposed/applied to the model.
* Developed, Implemented & Maintained the Conceptual, Logical & Physical Data models.
* Involved in the study and understanding of existing system and data architecture and proposed changes necessary to incorporate the new data models.
* Design, deployment, monitoring and troubleshooting of rollback segments
* Applying security patches in 10g and 9i software. User Maintenance (Creation, modification and deletions).
* Worked on user documentation like Instance strategy, Instance management, Problem manager, Setup document and Change management docs.
* Problem resolution repository, using Clarify solution linking utility has been created to reduce issue resolution timings.
* Extensively used Oracle ETL process for address data cleansing.
* Created common reusable objects for the ETL team and overlook coding standards.
* Reviewed high-level design specification, ETL coding and mapping standards.
* Designed new database tables to meet business information needs. Designed Mapping document, which is a guideline to ETL Coding.
* Experience on Database Activity Monitoring (DAM) like AVDF (Oracle Audit Vault and Database Firewall) to identify log blocks, monitoring and reporting.
* Experience with case management of IBM DB2 technical support.
* Managed database instances for Consolidated Online trading system in DB2 UDB in version 8.x and 9.x on AIX 5.3 and Linux servers.
* Performed Extensive Data Analysis & Modeling. Involved in all Data Architecture decisions.
* Monitored the automatic diagnostic repository (ADR) for storing the diagnostic data and has created oracle support service request if the problem persists
* Maintained the data integrity and security using integrity constraints and database triggers
* Interacted with system and storage administrators, data modelers, developers, application owners for gathering the required information and resolving various issues
* Resolve critical issues by raising SR with Oracle Support and Root Cause Analysis (RCA)

**Citigroup Technology Services, Mumbai, India (May 2010 - Oct 2011)**

**SQL Database Administrator**

**Responsibilities:**

* Gather and analyze client requirements and planning stages of SDLC and documenting project and coding specifications and plan deliverables.
* Implementation of SQL Logins, Roles and Authentication Modes as a part of Security Policies for various categories of users.
* Rebuilding the indexes at regular intervals for better performance.
* Designed and implemented comprehensive Backup plan and disaster recovery strategies Implemented.
* Involved in trouble shooting and fine-tuning of databases for its performance and concurrency.
* Monitored and modified Performance using execution plans and Index tuning.
* Rebuilding the indexes at regular intervals for better performance.
* Deploying new code base release to UAT and Production Environments.
* Perform SQL Server service pack and Windows Service pack upgrades.
* Working with customers on Application rollouts and server migrations.
* Troubleshoot performance problems and fine-tuning of databases.
* Involved in Index Analysis and Performance Tuning.
* Migrating SQL Server 2000 data bases into SQL Server 2008R2\2005.
* To analyze long running slow queries and tune the same to optimize application and system performance.
* Setting up Full and T-log backups for all databases as a DR procedure for recovering the databases from backup in disasters and implementing Point-In-Time Recovery solutions.
* Developed complex stored procedures using T-SQL to generate Ad hoc reports within SQL Server Reporting Service (SSRS).
* Built different types of chart reports using SSRS for the business requirements.
* Maintaining database consistency with DBCC at regular intervals.
* Planning migrations and moving databases and logins in different environments.
* Implementing suitable performance tuning and query optimization techniques.
* Refresh VDB’s using Delphix tool.
* Providing 24\*7 on call support.

**Opel Systems, Bangalore, India (March 2009 - April 2010)**

**Jr. Oracle DBA**

**Responsibilities:**

* Installed and configured oracle 8i/9i databases
* Developed PL/SQL packages, stored procedures, functions, Cursors, triggers
* Responsible for installing, upgrading and configuring the Oracle server
* Creating databases, objects, roles and Granting privileges
* Partitioned large tables to increase the Performance
* Configured scripts to monitor activity with database
* Used Crystal Reports Tools when worked with Development teams and QA teams
* Responsible for optimizing the queries and application tuning
* Implement Hot, Cold and Logical backup plans
* Involved in Performance Tuning of SQL Queries
* Developed over 100 SQL and Shell scripts for database performance monitoring and tuning, database administration; documented over 20 backup and/or recovery cases
* Creating tables, indexes, views and synonyms depending upon the need
* Involved in Designing backup and recovery procedures for OLTP systems
* Use TOAD tool to access the database. Used PL/SQL developer to create PL/SQL Procedures
* Testing PL/SQL procedures against the test cases. Involved in creating use cases and test cases
* Cloned the database from Production to QA for testing purposes periodically
* Taking database backup and recovery management (Hot/Cold, Exp/Imp).
* Troubleshooting of various database performances by proper diagnosis at all levels like SQL, PL/SQL, database design, database tables, indexes, Instance, memory and operating system

**Education:**

Bachelor's in Computer Science Engineering from JNTU Hyderabad.