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**Professional Summary**

* **DBA with Over 7 years of** progressive IT experience in implementation of **Data Warehousing projects** as a **Teradata DBA**
* Experience in setting up **User & Security Administration**, **Data Administration**
* Worked on upgrading **viewpoint** and setting up **critical alerts** for system performance.
* Involved in **installations** and **upgrades** of **appliances** and **servers** with Teradata.
* Experienced in **Backup and recovery (Bar systems),** Query Performance Tuning, **Arcmain scripts.**
* Worked on implementing **DSA** backup strategy.
* Establish and maintain backup and recovery policies and procedures;
* Worked extensively on **code deployments** in various environments.
* Worked extensively on **PMON and Teradata viewpoint** tools for monitoring the sessions and workload management.
* Expert with Teradata and its utilities such as BTEQ, **MLOAD, FASTLOAD, FASTEXPORT and TPUMP**, Teradata Administrator, Viewpoint.
* Experience working with clients of all sizes in the **insurance, financial, Retail, healthcare**, **manufacturing** industries.
* Created and scheduled various Teradata recommended **Performance, Capacity, trending** and activity reports such as **Space, Usage, Access, security** reports.
* Set up the **Teradata Workload Manager** with the proper partitions and workloads based on Service Levels. Set up **Teradata Query manager** to automate many of the DBA tasks such as collection of statistics, monitoring spool space, candidate tables for purge, etc.
* Monitored the production and development systems on a daily basis to catch **trouble queries**, monitor access violations, and provide **capacity planning**.
* Expert in tuning complex **Teradata SQL Queries** including Joins, Correlated sub queries and Scalar sub queries.
* Excellent knowledge in Teradata **Tactical queries.**
* Proficient in understanding **Teradata EXPLAIN plans,** Collect Stats option, **Secondary Indexes (USI, NUSI), Partition Primary Index (PPI),** Volatile, global temporary, derived tables etc.
* Experience with **Design, Creation, maintenance, and support of database objects** based on architectural guidelines and standards.
* Worked extensively on **DBC tables** along with Aggregates and building efficient views.
* Strong understanding of the Relational database concepts.
* Strong Technical Writing and user documentation Skills.
* Have good problem solving and troubleshooting skills.
* Good Analytical and Strong interpersonal and good communication skills.
* Quick learner and willing to adapt to new technologies.

**Technical Skills**

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| **Teradata Utilities** | BTEQ, MultiLoad, FastLoad, FastExport, Tpump, TPT, Teradata SQL Assistant, Teradata Visual Explain, Teradata Query Scheduler, DSA |
| **DBA Tools** | Teradata Administrator, PMON, Teradata Manager, View point, PDCR |
| **ETL/Reporting Tools** | Informatica, Data Stage, Cognos. SSIS, SQL \* Loader |
| **Query Languages & Backup tools** | Teradata SQL, VERITAS Net backup, TaraGUI, ARCmain |
| **Data Modeling/Tools** | Erwin, Star Schema, Snowflakes Modeling, VisioEtnterprise. |
| **Databases** | Teradata V2R5/12/13, Oracle, Ms Studio. |
| **Operating Systems** | UNIX, Windows XP/NT 4.0, Windows 2000 Server, Windows XP, Windows Vista, LINUX and Mainframe. |
| **Methodologies** | Data Warehousing Design, Data Modeling, Logical and Physical Database Design. |
| **Sub Version** | SVN, TFS, CVS, ARCH. |

**Professional Experience:**

### Client: Alfa Mutual, Montgomery, AL (Jan 2015 – Till Now)

**Role: Teradata DBA**

**Responsibilities:**

* Worked on Installing new 4 node 2750 Test/Dev/QA system and 2 node 2750 Prod appliances, Configured Viewpoint and complete BAR add-on and configure for new 2750 systems.
* Worked on installing a new 2 node 2800 DR system and have done complete restore from existing Production server to DR server.
* Ran post restore scripts on database nodes as a part of DR restore process.
* Participated in **NPARC** and upgraded our **Dev and Prod** environments to **TD 14.10**.
* Worked on a Trail **Disaster Recovery** byrestoring all the **Prod** environment before **NPARC**.
* Used the **Check Table** and **Ferret** utilities during the upgrade to Teradata 14.10 on our servers to provide the required information for **Teradata GSC experts.**
* Extensive experience in creating the **incident** **tickets** and **communicating with the GSC experts** and giving the information required for them to create problem in their own house.
* Participated in the viewpoint upgrade from **13.10 to 15.00**
* Worked on setting up **Data Stream Architecture (DSA)** backup and recovery strategy.
* Worked on setting up new policies for daily **backup jobs** in the **NetBackup** tool.
* Sets up and maintains documentation and standards.
* Monitoring the backups and throughputs through **DSA, NetBackup** and **Quantum** tools.
* Worked on **USER MANAGEMENT REQUESTS or HPSM TICKETS** to create new users, roles and profiles.
* Worked on **Code deployments** in different environments.
* Worked on suggesting and altering **primary indexes** for several tables to reduce **skewing** and improve performance of the system.
* Created several jobs for collecting statistics and analyze jobs through new **stats manager** portlet in the **viewpoint**.
* Worked on moving the data between different environments using the new **DSA portlets** in the **Viewpoint.**
* Monitoring the user’s activity and troubleshooting queries in the **viewpoint** on a daily basis and abort the sessions if necessary.
* Create / Modify / Drop Teradata objects like Tables, Views, Join Indexes, Triggers, Macros, and Databases.
* Handled **USER management requests** such as creating new **Users& Profiles, and Roles**.
* Proficient in using the Teradata Utilities like Fast load, Multiload, TPT.
* Heavily uses the **DBQLOG tables** and some view to find the **root causes** of blocking and other problems faced by users during their daily loads.
* Worked extensively on loading data from different sources like Flat file or a Teradata table in different to a Teradata system or a flat file using **TPT.**
* **Setting up alerts** inthe new viewpoint to send out mails to the required people to take necessary action.
* Created different **performance groups** as a part of **workload management.**
* Used **Remote Console** to modify **DBS Control Parameters** during the **debugging** of some utilities like **lock logger** andsome other utilities through viewpoint.
* Worked on setting up **account strings** for all the existing users.
* Participated in architectural meetings and guided the architectures to setup some **new data structures**.
* Developed a **Stored Procedure** to create **base views** for a given target table.

**Environment: Teradata 14.10 , TPT 14.10, DSA 15, DSA15.10, Viewpoint 15, Viewpoint 15.10, SQL Assistant, Teradata Administrator, Teradata Studio, SQL Management studio.**

### Client: Blue Cross Blue Shield / Fujitsu, Durham, NC (SEP 2013 – DEC 2014)

**Role: Teradata DBA**

**Responsibilities:**

* Support **Test & Development environments** for a large enterprise data warehouse project.
* Used highly tuned queries that facilitate action-taking or decision making in a time-sensitive environment by using **Tactical queries**.
* Worked on **Code Deployments** in various regions.
* Executing change requests for DDL & DML statements from the ETL and BI users
* Improving the table access by collecting statistics, compress multi values, define PPI as per the access patterns.
* Worked on **performance tuning** activities like creating **Materialized views** on the top of **Custom views** using stored procedures.
* Took advantage of techniques such as request (query plan) caching and session-pooling by using **Tactical queries.**
* Create / Modify / Drop Teradata objects like Tables, Views, Join Indexes, Triggers, Macros, and Databases.
* Handled **USER management requests** such as creating new **Users& Profiles, and Roles**.
* **Granting & Revoking of Object Rights, System Rights on Databases / Users / Roles.**
* Actively involved in **designing the primary indexes, secondary indexes** with the application team for tables.
* **Developed stored procedure to collect statistics on Databases**, Tables, Columns and Indexes by referencing from cross- reference table. The stored procedure also collects stats based on 10% change in database size.
* Manage Teradata Database using **Teradata Administrator, Teradata SQL Assistant and BTEQ.**
* **Good** Knowledge in **MVC** and **BLC Compression technique**
* Done different types of **Backup jobs** such as **Daily/Weekly/Monthly** and **Full/Online backup** and **PPI &Triggered** based backup jobs in **Net vault/NetBackup GUI Tool.**
* Having good experience with Backup and Recovery using **Teradata ARCMAIN** in Net Vault.
* Monitor Teradata Database using **Teradata Viewpoint**, **Performance Monitor** and Teradata Manager.
* Space management including PERM, TEMP and SPOOL space for the users and databases. Calculating the capacity and forecast the space proactively.
* Recommend users to improve the performance of the query by changing the Primary Index, use global temporary table, volatile table & derived table for intermediate results.
* Establish / recommend technical database administration standards, archiving strategy and security policies standards to ensure databases are compliant and optimized.
* Write, test and implement **Teradata FastLoad, MultiLoad, FastExport and BTEQ scripts, DML and DDL.**
* Monitor Database / **Table Space Usage &Skewness at Database** / Table / Vproc level
* Implement Partitioned Primary Indexes to improve performance of date range queries.
* **Work & close HPSM tickets for database activities** - create role, create database, create user, create profile, increase spool space to user, increase database perm space, drop user, remove user temporarily, reinstate user, assigning non-expiry profile to user, user password reset, release password lock on user, querying **dbc.logonoff dictionary** view (to get user information like reason for locking, when the user last logged on to the system, etc.), querying **dbc.qrylog dictionary** view (to provide resource information regarding the query used by the user), remove direct access to the tables/databases, remove access from roles, grant access to roles, **Generating reports using PDCR info** for database space, table size, CPU utilization, user information, skewed queries, etc.
* Analyze DBQL entries to troubleshoot high consuming CPU and highly skewed queries.
* **Monitor and Abort Sessions for blocked**, high CPU consuming, highly skewed and long running queries.

**Environment:**

**Teradata 14.10, TPT, Informatica Power Center 7.1.4, Oracle11g, PL/SQL, Fast Load, Mload, Fast Export, Tpump, Teradata SQL assistant 7.0/6.1, Erwin 4.0**

### Client: American Express, Phoenix, AZ (Apr 2012 – AUG 2013)

**Role: Teradata App DBA/ Production DBA**

**Description:**

 **AmEx**, is an American [multinational](http://en.wikipedia.org/wiki/Multinational_corporation) [financial services](http://en.wikipedia.org/wiki/Financial_services) best known for its [credit card](http://en.wikipedia.org/wiki/Credit_card), [charge card](http://en.wikipedia.org/wiki/Charge_card), and [travelers cheque](http://en.wikipedia.org/wiki/Traveler%27s_cheque) businesses. We help maintaining the corporate or commercial cards that can enhance control throughout the purchasing and payment process, and provide the options and tools that end users need to help manage costs by pulling all the required data from the data ware house.

**Responsibilities:**

* Support **Production, Test & Development environments** for a large enterprise data warehouse project.
* Used highly tuned queries that facilitate action-taking or decision making in a time-sensitive environment by using **Tactical queries**.
* Took advantage of techniques such as request (query plan) caching and session-pooling by using **Tactical queries.**
* Create / Modify / Drop Teradata objects like Tables, Views, Join Indexes, Triggers, Macros and Databases.
* Handled **USER management requests** such as creating new **Users& Profiles, and Roles**.
* Extensively used **BTEQ scripts on UNIX** to execute application specific scripts, transform data.
* Actively involved in **designing the primary indexes, secondary indexes** with the application team for tables.
* Done different types of **Backup jobs** such as **Daily/Weekly/Monthly** and **Full/Online backup** and **PPI & Triggered** based backup jobs in **Netvault/NetBackup GUI Tool.**
* Having good experience with Backup and Recovery using **Teradata ARCMAIN** in Net Vault.
* **Granting & Revoking of Object Rights, System Rights on Databases / Users / Roles.**
* Monitor Teradata Database using **Teradata Viewpoint**, **Performance Monitor** and Teradata Manager.
* Recommend users to improve the performance of the query by changing the Primary Index, use global temporary table, volatile table & derived table for intermediate results.
* Establish / recommend technical database administration standards, archiving strategy and security policies standards to ensure databases are compliant and optimized.
* Write, test and implement **Teradata FastLoad, MultiLoad, FastExport and BTEQ scripts, DML and DDL.**
* Does routine maintenance and supports the objects.
* Denormalized the logical data model (supplied by the data architect) for various reasons including performance, database constraints and storage needs.
* Monitor Database / **Table Space Usage & Skewness at Database** / Table / Vproc level
* Implement Partitioned Primary Indexes to improve performance of date range queries.
* **Monitor and Abort Sessions for blocked**, high CPU consuming, highly skewed and long running queries.

**Environment:**

**Teradata 13.1, TPT, Informatica Power Center 7.1.4, Oracle11g, PL/SQL, FastLoad, Mload, FastExport, Tpump, Teradata SQL assistant 7.0/6.1,Erwin4.0,Teradata Administrator, PMON, NET VAULT/NETBACKUP, DBQL, Arcmain, ER-Studio, UNIX, BTEQ/BTEQWin.**

**Client**: **Shire Pharmaceuticals, Chester brook, PA (Jan 2011- Mar 2012)**

**Role: Teradata Applications DBA**

**Description:**

**Shire Plc** is a [Jersey](http://en.wikipedia.org/wiki/Jersey)-registered, Irish-headquartered global specialty biopharmaceutical company that is the manufacturer of [pharmaceuticals](http://en.wikipedia.org/wiki/Pharmaceutical_drug). Originating in the United Kingdom with a large operational base in the United States, its brands and products include [Adderall XR](http://en.wikipedia.org/wiki/Adderall_XR), [Pentasa](http://en.wikipedia.org/wiki/Pentasa). We help the end users to obtain relevant, accurate and up-to-date information about members, providers, payers, customers and pharmaceutical data with high quality care.

**Responsibilities:**

* Assigned to remediate many weakly performing and CPU intensive SQL queries..
* Worked with multi statement, multi-table and multi-join queries.
* Wrote custom queries to identify duplicates, data skew in large tables having over 1 million rows.
* Used highly tuned queries that facilitate action-taking or decision making in a time-sensitive environment by using **Tactical queries**.
* **Recommended join indices where required.**
* Worked on loading of data from several flat files sources to Staging using Teradata **TPUMP, MLOAD, FLOAD** and **BTEQ** in various applications.
* Analyze reusage & trend reports using **Teradata Manager for CPU, I/O, database & table growth, user count.**
* Purging the system logs like resource usage logs, **DBQL logs, dbcmngr logs**, etc. (logonoff, resusage, acclogtbl, DBQL tables, event\_log, sw\_event\_log, logperm)
* Used **Teradata Manager& Administrator** to Monitor and Manage Teradata Databases.
* Generated a finalized physical data model which is used to create the physical data structures.
* Identified potential bottlenecks with user queries from the aspects of query writing, skewed redistributions, join order, optimizer statistics. **Usage of Teradata Explain and Visual Explain to analyze and improve query performance.**
* Space Management and Monitor the growth of the databases.
* Release **Utility Locks of Multiload target tabl**e & dropping Multiload related tables for the aborted jobs.
* **Abort Sessions for blocked, long & bad running queries.**

**Environment:**

**Teradata 13, UNIX, Viewpoint, Teradata Administrator& Manager, PDCR DATA/INFO, DBQL, NET VAULT/NETBACKUP (Arcmain Backup Restore, TaraGUI, Data mover), (Teradata ETL Utilities - Multiload, FastLoad, PDCRDATA, SQLAssistant, PMON, TSET, TASM, Visual Explain, FastExport, BTEQ, Tpump), DBA Tools(SWS, TVI, BAR, SLES), Arcmain, TD SQL, Microsoft Products, Erwin**.

**Client: United natural Foods, charlotte, NC (OCT 2009 – Dec 2010)**

**Role: Teradata Apps DBA**

**Description**:

UNFI is world class distribution services; it maintains DWH (EIW, Enterprise Information Warehouse with two environments, DEV and PROD) for customers and suppliers that foster mutual success and growth. These services include marketing and promotional tools, merchandising, category management and store support.

**Responsibilities:**

* Involved in **Create / Modify / Drop Teradata objects like Tables, Views, Join Indexes, Triggers, Macros, Procedures, Databases, Users, Profiles and Roles.**
* Involved in the **complete re-design of the process flow, starting** with design considerations, technical specification and source to target mapping.
* Actively involved in **designing the primary indexes, secondary indexes** with the application team for tables.
* Manage Teradata Database using **Teradata Administrator, Teradata SQL Assistant and BTEQ.**
* Performance **Tuning, Query optimization** (Explain plans, Collect statistics, Primary and Secondary indexes).
* Performed application level DBA activities **creating tables, indexes, monitored** and tuned Teradata **BETQ** scripts using Teradata Visual Explain utility
* Execute Diagnostic Help stats for session for queries to find missing stats on tables.
* Collect Statistics on **UPIs, NUPIs, USIs, NUSIs,** non-indexed join columns, small tables for better performance of the queries.
* Actively involved in analyzing & converting non compressed columns to Multi-Value compressed columns by creating a separate table with compressed columns & then moving the data to save database space.
* Execute **change requests for DDL & DML statements** from the users.
* Write, test and implement **Teradata FastLoad, MultiLoad, FastExport and BTEQ scripts, DML and DDL.**
* Perform data load to staging empty table using **Teradata FastLoad from single input file or multiple input files**, copy data from staging table to target table. Perform data load to existing tables using Teradata MultiLoad.
* **Release Utility** Locks **of Multiload& dropping Multiload related tables for the aborted jobs.**
* Monitor and Abort Sessions for blocked, high CPU consuming, highly skewed and long running queries.
* Monitor Teradata Database using **Teradata Manager, Performance Monitor and Teradata Viewpoint.**

**Environment:**

**Teradata V2R12, SQL, BTEQ/BTEQWin, TPT, FastLoad, Mload, FastExport, and Teradata SQL assistant 7.0/6.1, NET VAULT/NETBACKUP, Tara GUI, Informatica Power Center 8.5/7.1, Erwin4.0, Oracle 9i/10g, Windows XP/2000.**