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**Jasvanth Baharwaj**

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**Senior Database Administrator**

**PROFESSIONAL SUMMARY**

* Over all 8+ years of Extensive experience with the Microsoft SQL Server in Production, Development and Testing in Clustered and Stand-alone Server Environments.
* Experience in installing MS SQL Server 2005/ 2008/ 2008R2/2012/2014\2016 and updating with hot fix and service packs.
* Have immense experience in provisioning user access and wrote many stored procedures related to access provisioning.
* Extensive experience in implementing **high availability and Disaster recovery concepts like Log Shipping, Mirroring and Replication (Snap Shot and Transactional).**
* Administered multiple SQL Instances on Cluster environment for Server Consolidation projects built on SAN using RAID levels.
* Implemented **(SCOM)** **System Center Operations Manager** to monitor all aspects of SQL Server including.
* Implementing the **single Sign on** (SSO) enterprise level for internal users.
* Experience in SQL scripts including SPs, PSQL scripting and performance tuning.
* Experience working with scheduling and data modeling tools like Erwin, ER/Studio, SAP Power Designer.
* **Deployed SSRS reports in share point for web based access for multiple end users.**
* Database performance and health areas including database files, long-running jobs, blocking sessions, compliance and many others.
* Implementing the **Cherwell Project ticketing tool** for internal users.
* Extensive experience in implementing high availability solutions on physical and virtual machines.
* Had worked on active directory and also have experience in oracle and DB2 database user access provisioning.
* Supported proprietary software utilizing Oracle, Postgres, and Cognos databases.
* Worked closely with development teams to provide perspective.
* Implemented Side-by-Side Migration and in-place Upgrade of MS SQL Server 2005/2008 R2/2012/2014.
* Experience in using the DMVS, DMFS, SYSTEM VIEWS and in-built Global variables for performance analysis.
* Expert in Data Integrity, Performance Tuning and Query Optimization.
* Expert level skills in creating objects like Tables, Views, Normalization, Indexes, Stored Procedures, Cursors, Triggers and other SQL joins and query writing using T- SQL statements.
* Performed BCP, BULK INSERT, imported and exported data from different Data Sources.
* Experience in Database design, Performance Analysis and Production Support for very large (VLDB) and Complex Databases.
* Experience in analyzing Locks, Dead Locks and handling the Isolation Levels and Concurrency Effects.
* Extensively used the native tools like index tuning wizard, database tuning advisor, SQL Server Profiler, Performance Monitor, Activity Monitor, and Event viewer for performance analysis.
* Experience in Backing up, restoring the database manually and also by scheduling the jobs and Maintenance Plans.
* Implemented scripts to find out the orphan users in the servers and also successfully migrated logins and users between multiple servers. And also creating the audit reports as per the business requirements.
* Configured SMTP Server for Database Mail setup and received alerts for the Threshold values.
* Experience in Migrating DTS 2000 packages to SSIS packages in 2005 using Migration Wizard.
* Auditing of database for Worked on logins, user permissions and security in SQL server level and fixing orphaned users.
* Experience in SQL Programming, logical and physical data modeling of the database in ERWIN and MSVISIO, Normalization, DE normalization, Database design, Performance analysis  and production support for very large (VLDB) in OLTP,OLAP Database.
* Experience in **​Power Shell** scripting to automate DBA tasks.
* Strong experience in mentoring and working with team, coordinating with developers , good communication skills documentation , supporting architects, decision support meetings and 24/7 on call production support.

**Technical Skills:**

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| Operating Systems | Windows 2012 R2/2008 R2/2003/2000 Advanced Server, NT & Windows 9x, OEL, RHEL, UNIX, Sun Solaris |
| Programming | SQL, Unix, C++, FORTRAN, Python |
| Databases | MS SQL Server 2014/2012/2008R2/2008/2005/2000, Oracle, DB2 |
| Tools/Utilities | Net Backup utility, SQL Safe Backups, Idera Diagnostic Monitor, Red Gate |
| Measurement and Data Analysis of Refractive Index and Optical properties of glasses | |

**EDUCATION:**

**Bachelors: Computer Science and Engineering**

**University**: **Jawaharlal Nehru Technological University (India)**

**Work Experience:**

**Wellpoint Indianapolis, IN May’2017- Till Date**

**Senior Database Administrator**

**Responsibilities:**

* Worked as a Production DBA supporting OLTP and DSS systems in Physical and Virtual environments.
* Installed, configured and Deployed SQL Server 2012 in Production Environment
* Worked on SQL Server 2012, 2008 R2, 2008, 2005 and SQL Server 2000 in production
* As a Production support DBA responsible for managing production, development and QA environments for OLTP and Decision Support systems.
* Managed multiple instances of SQL Server in Virtual and Physical environments with 32 / 64 bit environments for SQL Server
* Managed Production environments and participated in on call 24/7 support
* Did heavy duty Migration / Upgrades from lower version of SQL Server to SQL Server 2012/2008 R2
* Installed / configured SQL Server in Virtual Environments using VMWare.
* Worked on EMC storage for configuring storage and managing partitions on storage
* Configured EMC for storage on most of the SQL Databases
* Installed and configured Always On Availability group on SQL Server 2012
* Worked on setting up domains, Active Directory and Exchange for Administration
* Participated in Build and Releases and provided Level I support
* Worked extensively with developers in resolving slow running queries and resolving performance issues
* Extensive use of SQL Server DMV’s for resolving performance issues
* Exclusive Knowledge of Database security implementing Windows and SQL Authentication.
* Implemented SQL Failover clustering for ACTIVE/ACTIVE and Active/Passive SQL Server 64 bit/32 bits environment and SQL Server 2005/2008
* Worked on Setting up Clusters with MSCS and VMware
* Used Microsoft MSCS and VMware for Clustering and HA
* Implemented Database Mirroring on SQL Server 2008 R2 environments and experience in configured and maintained Log shipping on primary and secondary server with or without witness server on MS SQL 2005/2008 R2.
* Created strong Backup policy and process by establishing FULL,DIFF and Tran Log backup
* Installed configured and managed Log Shipping for Disaster Recovery
* Implemented Transactional Replication for Reporting
* Manager Publisher, Distributor , subscriber and all articles and subscriptions for replication
* Used SQL Perfmon, Profiler, Activity Monitor and Query tuning advisor for finding performance bottlenecks
* Actively worked on creating SISS packages, deploying them on various environments
* Experienced with database sizing and capacity planning for production servers.
* Created the backup schedule for production, test and development servers.
* Involved **in restore operations to refresh the data from production to test servers.**

**Environment:** MS SQL Server 2012/ 2008 R2/2005/2000, Oracle, Windows 2000/2003/2008R2, VERITAS Net Backup, TSQL, Litespeed, IDERA, Clustering, Mirroring, Log Shipping, Hyper-V, SQL Job Manager, TSM, Always On, SSIS, SSRS, T-SQL, Microsoft Visual SourceSafe 6.0, ERWIN 7/8

**Client: Comcast Company, Philadelphia, PA June’2016-April’2017**

**Role: Senior SQL Server DBA**

**Responsibilities:**

* Installed, configured, administered and secured SQL Server 20012/2014 on **production and Non-production** in **Clustered and Stand -alone Server Environments.**
* Implemented **Always-ON Availability Groups (AAG)** on **SQL Server 2012 SP2**.
* Worked in implementing SQL Security and object permissions like maintenance of database creating and users and logins assigning roles to the users and managing user permissions.
* Implemented scripts to find out the orphan users in the servers. Successfully migrated logins and users between multiple servers.
* working with Informatica Power center ETL packages
* Generated audit reports as per the business requirements
* Established DR **sites** using **log-shipping** and Wrote dynamic stored procedures for moving Databases from production server to DR server.
* Extensive experience in implementing **high availability and Disaster recovery** concepts like **Log Shipping, Mirroring and Replication** (Snap Shot and Transactional).
* Expert in **Data Integrity**, **Performance Tuning** and **Query Optimization.**
* Implemented the restores of **SQL Azure** databases with a clear understanding of the **backup retention periods** of the Azure databases as per their service tiers.
* Implemented a **SQL purging** process for Old claim data as per business requirement.
* Troubleshooting and resolving **database integrity issues, performance issues, blocking and deadlocking issues, Connectivity issues** and **Security issues etc.**
* Implemented **SQL server security best practices and transparent data encryption (TDE).**
* Developed and automated **daily, weekly and monthly counts of Claims** by Scheduling the **SQL Job.**
* Responsible for ensuring that **production SLAs** are met, **upgrades** are delivered without disruption of **claims service** and monitoring Claims in case of any failures.
* Monitoring the **data files, log file space issues, blockings, Tempdb space issues and disk space issues.**
* Applying **data fixes into production** as necessary, and **triaging data-related tickets** raised in production.
* Providing monthly **metrics** regarding **database** usage and Contributed to **Technical Documentation and Run Book updates.**
* Actively participated in gathering user requirements and system specifications.
* Analyzed and designed the objects required for the databases.
* Troubleshot the problems and document them.
* Managed **Disk space, memory and User connections.**
* Generated Script files of the databases whenever changes were made to stored procedures or views.
* Excellent knowledge in Import / Export using **DTS and BCP utility**.
* Performed query tuning and **reduced response time by 60%**.
* **Provided 24/7 support** by actively **monitoring the job history, alerts.**

**Environment**: SQL Server 2014/2012 with Clustering, Windows 2012 Server, , T-SQL, Microsoft Azure, Profiler,Failover Cluster Manager, Configuration Management, SQL Server tuning advisor, Putty, SSRS,

TDE(Transparent Data encryption),Always-ON.

**Client: MEREDITH CORPORATION, Addison, TX May’20 15 – May’2016**

**Role: Senior SQL Server DBA**

**Responsibilities:**

* Performed installations of SQL Server as per client requirements.
* Performed migration from SQL Server 2008 to SQL Server 2014.
* Deployed **SSIS Package** to SQL Server as well as File System depending on requirement & Scheduled SSIS package to run as a Job.
* Monitored Databases for **Lock Escalation, Deadlock**, resource utilization by sessions, capturing long running SQL queries, fine-tuning SQL statements that better result in efficient SQL statements processing.
* Excellent **T-SQL Developer** skills including Stored Procedures, Indexed Views, User Defined Functions, Triggers, CTE.
* Proactively performed tuning of SQL Server databases using available tuning methods like **index tuning wizards, SQL Server profiler and execution plans**.
* Create new SSIS package to extract date from legacy to SQL Server Objects using Business Intelligence Development Studio (BIDS) and Visual studio 2008.
* Used SSIS to create ETL packages to validate, extract, transform and load data to data warehouse databases, data mart databases.
* Defined Check constraints, Business Rules, Indexes, and Views.
* Generated reports using SSRS, Excel (Pivot) that could be used to send information to diverse group of users, clients, and managers.
* Used SSIS to create ETL packages to validate, extract, transform and load data to data warehouse databases, data mart databases.
* Responsible for creating the reports basing on the requirements using SSRS 2008.
* Involved in extracting the data using SSIS from OLTP to OLAP.
* Executing data validation stored procedures in SSIS packages in Business Intelligence Development Studio (BIDS).
* Performance tuning of Stored Procedures and T-SQL Queries.
* Performed some of the DBA activities like Backup, Restore, monitoring etc.
* Involvement in defining scope for new releases and helping business in solving existing issues.
* Migrated SQL Server 2008 database to Windows Azure SQL Database and updating the connection string.

**Environment:** SQL Server 2008, SSIS, Windows 2010, Visual Studio .NET, MS Access, Microsoft Azure.

**Client: EC Info Systems, Uniondale, NY Feb’ 2014 –April’ 2015**

**Role: Senior SQL Server DBA**

**Responsibilities:**

* Performed installations of SQL Server as per client requirements.
* Performed migration from SQL Server 2008 to SQL Server 2014.
* Worked on **Always on Availability Groups**, **In Memory Optimization** in SQL Server 2014.
* Implemented High- availability options like **Log shipping and Replication.**
* Provided support for Active/Passive **clustering** environment.
* Applied **SQL Server Service Packs** on several installations of SQL Server 2012/2014.
* Created a plan to **Partition tables in a VLDB** and used sliding window technique to delete/archive the old year’s data in the tables. **Partition functions, partition schemes**, **files, file group**s are created as necessary and backed up.
* Identified **unused indexes** and created a script to identify the same at regular intervals.
* Checked the efficiency and inefficiency of indexes by checking the density vectors and histograms of indexes using **DBCC Show statistics**.
* Supported **utility bill applications** and **Electronic data Interchange (EDI)** applications using SQL server databases as backend.
* Monitored everyday rate changes, billing registers, meter readings, payments are loaded into tables using Bulk loads.
* Set up fill **factors** based on the index structures and **fragmentation** levels.
* Set up a two node failover cluster, tested it and monitored the resource utilization levels.
* Troubleshoot **TEMPDB contention** problems on SQL failover cluster by creating multiple TempDB files on a local drive, instead of a **SAN disk**. This has been proved to be a major step to improve performance.
* Performed **database migration and upgrade** to comply with corporate policies. Identified unused database and **decommissioned** them as necessary.
* Performed Full Backups, Differential Backups and Transactional log Backups to meet **RPO’s and RTO’s.**
* Deployed **SSIS Package** to SQL Server as well as File System depending on requirement & Scheduled SSIS package to run as a Job.
* Monitored Databases for **Lock Escalation, Deadlock**, resource utilization by sessions, capturing long running SQL queries, fine-tuning SQL statements that better result in efficient SQL statements processing.
* Excellent **T-SQL Developer** skills including Stored Procedures, Indexed Views, User Defined Functions, Triggers, CTE.
* Proactively performed tuning of SQL Server databases using available tuning methods like **index tuning wizards, SQL Server profiler and execution plans**.
* **Identified unused indexes** and remove them after testing. Proactively monitored the usage of indexes for measuring performance.
* Worked with System admins to identify **hardware and applications issues** and resolve them by working with several groups.
* Deployed reports using **Microsoft Reporting Services (SSRS).**
* Perform database refreshes for development group as need and scheduled them for ongoing requirements.
* Resolve **database corruption** or consistency issues after detection thru weekly maintenance plans.
* Performed all production changes during off hours and weekends after testing.

**Environment:** SQL Server 2014/2012/2008, SSIS, SSRS, Windows 2012/2008, Visual Studio .NET, Dell APPAssure, MS Access.

**Client: Google Company, Hyderabad, India May’ 2011-Nov’2013**

**Role: SQL Server DBA**

**Description:** Google Inc. is an American multinational technology company that specializes in internet-related services and products. These include online advertising technologies, search, cloud computing, software and hardware.

**Responsibilities:**

* Performed **Migration** from SQL 2005 to SQL 2008. During the **Migration** **moved** **200 instances** to **14 instances** and consolidated all the databases according to their categories, migrated all Logins and Jobs at the new servers along with the Orphan users checks.
* SQL server **2008/2008R2 (64-bit)** **installation** on **Windows 2008, 64 bit servers** in **cluster failover environment.**
* Designed and implemented comprehensive **Backup plan and disaster recovery** strategies.
* Suggest **index** **tuning and performance optimization techniques.**
* Created Tables, Stored procedures and Indexes.
* Deployed and administered **SQL 2008R2/2008** enterprise servers.
* Proactively monitor the **Production Server** and optimize **stored procedures** for better **performance**. Resolve locking conflicts and resource utilization.
* **Administer, maintain, develop** and recommend policies and procedures for ensuring the security and integrity of the company's databases.
* Migrated **SQL Server 2005 to SQL Server 2008R2.**
* Migrated **DTS** packages to **SSIS** packages. Built and developed **SSIS** packages. Performed various transformations using SSIS.
* Transferred **Logins** and **Jobs** from **SQL Server 2005 to SQL Server 2008R2.**
* Evaluated data storage considerations to store databases and **transaction logs**. Created/Managed databases using **SSMS, Database Wizard and T-SQL Statements (Scripts)**.
* Worked on **Data** **Partitioning** and **Snapshot Isolation** in **SQL Server 2008R2.**
* Developed and optimized databases using **stored procedures, DMVs**, **Triggers, Full-Text Indexing, XQuery, XML** and **user-defined functions**.
* Implementation of **SQL Logins, Roles** and **Authentication Modes** as a part of **Security Policies** for various categories of users.
* Identified and resolved database **performance issues**, database capacity issues and other distributed data issues.
* Apply patches to SQL Server 2008. Upgrade Servers from SQL Server 2008 to SQL Server 2008R2 and extensively used **upgrade advisor** utility.

**Environment:** SQL Server 2005/2008/2008R2, Windows 2003/2008(x86/x64), SSIS/SSRS/SSAS.

**Client: Tecra Systems Pvt Ltd, Hyderabad, India**  **Jun’2009-May’2011**

**Role: SQL Server DBA/Developer**

**Responsibilities:**

* **Installation** of SQL Server 2008R2 **Enterprise Edition** with **Service Pack1** and configured and maintained MS SQL Server 2008 **Enterprise Edition (64 Bit)** with **Service Pack3.**
* Efficiently handled **production environments with more than 50 servers**, Databases ranging **15GB to 1TB.**Implemented **Database mirroring in SQL 2008R2/2008.**
* Monitored growth of data and managed space allocation accordingly, Installed and configured **Log Shipping** for production servers.
* Created Database **Maintenance Plans** for Re-indexing, Database Integrity Checks, Shrink Database. Created Backups for databases and automated the process.
* Implemented **Database Mail** setting up **Alerts**in SQL 20012/2008R2.Implemented**table partition**on very large table**.**
* Implemented and Monitored **2-Node Active\Passive SQL Clustering** to provide High Availability for mission critical events.
* Implemented **Replication** (Snapshot, Transactional, and Merge) for the use **of reporting server**.
* Performed Database Integrity Checks**, updated Database Statistics** and performed **Re-indexing** using DBCC commands**.**
* Ensured integrityof data maintained through security, documentation, and **change management**.
* Created and managed schema objects such as **tables, views, clustered indexes, procedures**, and **triggers and maintained Referential Integrity** of the databases.
* Created **jobs** and **alerts** for monthly and weekly maintenance.
* **Tuning** the Production server t**o** get performance improvement by using **SQL Profiler and index tuning wizard** also by reviewing disk configuration and storage allocation.
* Reviewed third party tools **Quest SQL Lite Speed, Quest Spotlight and Red Gate Log Rescue tool** so as to help automate routine tasks such as **monitoring, blocking and consolidate status of scheduled jobs for Backup and Restore.**
* Monitored **SQL server and Application logs** and analyzed the logs.
* **Wrote** **SSIS Packages** to migrate users, logins, stored procedures, and tables.
* Deployed **SSIS** Package **to MSDB** as well **as File System** depending on requirement.
* **Scheduled SSIS** package to run as a Job.
* **Created and Deployed reports** using Microsoft **Reporting Services (SSRS)**.
* Migrated **DTS packages** from **SQL Server 2008** to **SQL Server 2008R2/2012** as **SSIS packages.**
* Experience in connecting to remote SQL Servers using **Linked Servers**.
* Designed and develop **SSIS packages** using different control flow tasks, data flow task and data transformations.
* Resolving locking **(Dead Locks)** issues. Tuned the SQL queries using SQL Server Profiler and creating non­clustered missing indexes.
* Running DBCC Consistency Checks and fixing Data Corruption in user databases.

**Environment:** SQL Server 2005/2008/2008R2, Windows Server 2003/2008, SSIS, SSAS, SSRS.