

Sajjad Iqbal

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● ABOUT MYSELF

Results-driven Database Administrator (DBA) with 5 years of experience in managing and optimizing complex on-premise and cloud-based database environments. Proficient in AWS architecture with hands-on expertise in services like EC2, VPC, RDS, Lambda, and ELB. Recently earned AWS Solutions Architect certification. In addition to strong database and cloud skills, also trained in DevOps tools and practices, including Git, GitHub, Jenkins, SonarQube, Maven, Docker, Ansible, and Kubernetes. Skilled at designing and deploying scalable, secure, and cost-effective infrastructure solutions that support both operational stability and agile development workflows.

● WORK EXPERIENCE

01/07/2024 - CURRENT - ISLAMABAD, PAKISTAN

EXECUTIVE DBA PAKISTAN TELECOMMUNICATION COMPANY LIMITED(PTCL)

Oracle Database Management

- Performed performance tuning on Maximo DB using the tuning advisor, resolved an issue where a scheduler job took 3 hours to execute by troubleshooting and optimizing the query.
- Managed IIB-DB purging activity by exporting and deleting partitions of TBL_SIEBEL_ORDERS, retaining 6 months of data, rebuilding indexes, and performing stats gathering for performance optimization
- Created multiple indexes on the probsummary1 table in SM DB to resolve performance issues and enhance query efficiency.
- Converted single instance to a 2-node RAC ccsdbnew cluster, shifting SPFILE from local to shared ASM disks, updating the password file, and registering the database in the srvctl service
- Analyzed audit logs to identify IPs that connected to the EXAX6 database in the last 30 days, removed duplicates, and cross-verified with listener logs
- Updated the number of processes and sessions to 1000 and 1530, respectively, to optimize system performance.
- Successfully performed a DR drill, switching the primary database to Karachi DR for ILPTCL.
- Rebuilt multiple indexes on the ILPTCL database to improve query performance
- Resolved a space-related issue in a tablespace and mount point for the BI team's database.
- DataGuard Setup for a 2-Node RAC Database
- Converting a Single Instance Database to a 2-Node RAC Configuration
- User Creation and Management Procedures
- OID installation and configuration with EUS (Enterprise User Security) for managing single sign-on credentials across multiple databases.

OEM 13c administration and management

OEM 13c SSL certificate implementation and renewal

Purging of tables

index rebuilding

MySQL Database Management

- MySQL database 5.7.18 recovery from corrupted backup
- Installing & Configuring MySQL 8.4.0 Commercial Edition on Linux 8.10 Using Tar ball
- Configuring Tablespace to store data out of datadir
- Configuring the Buffer Pool
- configuring multiple mysql instances running on single server
- Configuring the Slow Query Log
- troubleshoot slow performance Using Performance Schema
- Enabling SSL for Secure Connections
- Encrypting MySQL Data-at-Rest
- Identifying the Cause of Slow Performance
- Managing MySQL Users
- Improving Query Performance with Indexes
- Backing Up with MySQL Enterprise Backup
- Backing Up with mysqldump and mysqlpump
- Restoring the Database Using the Binary Log
- Configuring Replication
- configure and manage 3 NODE INNO-DB cluster

SQL Server Database Administration and Performance Optimization

- Installed and configured SQL Server 2019, including setup of system databases.
- Enhanced performance by adding secondary data files to tempdb and optimizing its location.
- Performed database restoration tasks, including restoring the master database for disaster recovery scenarios.
- Conducted full, differential, and transaction log backups, with recovery operations to ensure data continuity.
- Utilized DBCC CHECKDB to verify logical and physical integrity of databases, ensuring data consistency.
- Developed and scheduled comprehensive maintenance plans, including:
- Full database backups, index rebuilding, index reorganization, database integrity checks, and automated cleanup.
- Scheduled tasks to run daily, weekly, and hourly, ensuring efficient database maintenance.
- Managed security by configuring login and user roles, enforcing least-privilege access for robust data security.
- Configured and managed SQL Server Agent jobs for automated database tasks and proactive monitoring.
- Implemented Transparent Data Encryption (TDE) to secure sensitive data at rest, in compliance with security policies.
- Set up high availability and disaster recovery solutions:
- Configured Log Shipping and Database Mirroring for redundancy and failover capabilities.
- Implemented Always On Availability Groups across standalone servers to support continuous availability.
- user management

15/05/2023 - 30/06/2024 - RAWALPINDI, PAKISTAN

DATABASE ADMINISTRATOR AFIC/NIHD

- Upgradation from 11g to 19c using manual upgrade .
- Raid management and disks management .
- Standby database creation (11G) and dataguard configurations .
- weblogic 11g creation and configuration on windows server 2022 .
- weblogic 12c creation and configuration on windows server 2022.
- Management of Weblogic 12c
- The Deployment and Proficient Management of Oracle Enterprise Manager (OEM) 13c
- Integrated Oracle Enterprise Manager with existing databases, enabling real-time performance monitoring and proactive issue detection.
- Establishing a Local Repository for the Yum Utility

- upgradation of 11g to 19c database using oracle golden gate 12c .
- ESXI 6.5 installation on SERVERS , VM'S creation and management
- Upgrade 11.2.0.4 database to 19c using autoupgrade method
- Transporting Statistics From Production DB to UAT DB (Create staging table,Export statistics to staging table,Export staging table using Data Pump,Import staging table using Data Pump,Import statistics from staging table)
- Transforming Non-CDB to a Pluggable database
- Upgradation of 12C Non-CDB to 19c PDB

06/04/2022 - 14/05/2023 - LAHORE, PAKISTAN

DATABASE SUPPORT OFFICER/DBA MCB BANK LIMITED

- Installation of oracle DB creation on Linux.
- Creation database in silent mode using response File
- Adding values automatically into database using cronjob
- Create users, profile and roles and grant appropriate privileges to users.
- Administer space by creating tablespaces, adding and resizing data files.
- Migrating the databases.
- Working with CDB and PDB'S
- Refreshing databases for the testing/developing purpose.
- Applying the Patches on the oracle database.
- Stats gathering of stale tables of different schemas in a database
- Monitoring database performance using AWR, ADDM reports and SQL tuning Advisor
- Develop shell scripts to automate database jobs and monitoring scripts.
- Creation of DB_LINKS and purpose of DB_LINKS
- Guaranteed restored point creation and its Purpose
- Partitions of tables & indexes
- Provided 24x7 on-call technical supports.
- Attaching an ORACLE_HOME to an existing inventory.
- Recovering a Dropped Table, data files, control file using RMAN and Data Pump Options
- Configuring and managing physical standby databases.
- Applying Patches in data guard (Physical Standby) environment.
- Recover missing archives using Service Name
- Switchover and Failover of Physical standby database.
- Recovered corrupted blocks
- Roll Forward Physical Standby Database using RMAN incremental backup.
- Convert a physical standby database to a snapshot standby database and vice versa.
- Recovering a corrupted/lost data file in physical standby
- Preparing backup strategies. Perform physical backups using export and RMAN backups, and failed backup troubleshooting.
- Resizing Redo Logs in a Data Guard Environment (Physical Standby in place).
- Up-gradation databases from version 11g/12c to 19c • Installation of SQL Server 2019
- Creation physical standby SQL Server • Backup and restoration process in SQL Server
- Creation and implementation of transaction logs
- Installation and management of WebLogic forms and reports
- Creation and administration of Domain in Weblogic
- Implementation and management of ASM.
- Creating disk groups, adding disks and removing disks from disk group
- Creation of Physical standby of Rac(two nodes)

- Management and creation /partition of disks in ASM
- Managing of backup & recovery of Rac
- Monitoring and tuning of Rac
- DR Drill of entire Data Center.

01/01/2020 - 31/03/2022 - RAWALPINDI, PAKISTAN

ASSISTANT DATABASE ADMINISTRATOR WORLDLINKS

- Designing and managing Hospital Databases, which have been utilized by various small hospitals.
- Installing and managing Oracle 12C and Oracle 19C, including working with Pluggable Databases.
- Installing Oracle 11G, as well as setting up VMware and server configurations.
- Demonstrating a basic knowledge of SQL, which has been instrumental in several projects.
- His ability to handle these complex tasks with ease and his commitment to staying abreast of the latest technological advancements have made him a valuable asset to our team.

● **EDUCATION & TRAINING**

AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE - AMAZON WEB SERVICES

Website: <https://www.credly.com/users/sajjad-iqbal.1592aa96>

ORACLE CERTIFIED PROFESSIONAL, MYSQL 8.0 DATABASE ADMINISTRATOR - ORACLE UNIVERSITY

Website: <https://certview.oracle.com/>

DATABASE ADMINISTRATION (DBA) (ORACLE TRACK)- NAVTTC/UNEVOC/APPACC/ISO 9001

Website: <https://navttc.gov.pk>

● **LANGUAGE SKILLS**

Mother tongue(s): **ENGLISH**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
URDU	C2	C2	C2	C2	C2
PANJABI; PUNJABI	C2	C2	C2	C2	C1

● **SKILLS**

Platform : AWS Cloud | database | Oracle Relational Database | MySQL | SQL Server | database management systems | AWS (ECR, EC2, RDS, SNS/SQS, S3, Cloud Formation / CDK, CodeCommit) | DevOps | DevOPS (basic level) | Familiar with DevOps methodology | operating systems