

ORACLE®**Certified Expert**

Oracle Real Application
Clusters 11g and
Grid Infrastructure
Administrator

ORACLE®**Certified Professional**

Oracle Database 11g
Administrator

ORACLE®**Certified Professional**

Oracle Database 10g
Administrator

MUHAMMAD YOUSIF KHOSO

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Country: Pakistan

PROFESSIONAL EXPERIENCE

Results-focused, dynamic and extensively professional experienced DBA with strong working knowledge of Oracle database, oracle applications, PostgreSQL DB, MariaDB, MemSQL and MongoDB including Database installation, creation, configuration, backup/recovery, Performance tuning, Automatic Storage Management, Database Migration, Core Application Migration, data replication and High availability.

January 25, 2016 – till Date

SS&C Primatics Financial

Associate Lead Database Administrator

Engineering & Operations Department

Job Description and Responsibilities:



PRIMATICS®
FINANCIAL

- Installing, Upgrading and Patching (Silent) Oracle Database and Grid Infrastructure, PostgreSQL/MariaDB/MemSQL/MongoDB etc.
- Planning future storage requirements for the database system.
- Monitoring of Databases.
- Monitoring and management Automatic Storage Management.Performance Tuning (Provide query level solution while troubleshooting issues during SQL tuning etc).
- Managing and administering Informatica Administration (ETL).
- Managing and administering Microstrategy Administration (Business Intelligence).
- Managing and administering Database Backup and Recovery (Oracle/PostgreSQL/MariaDB/MemSQL/MongoDB etc.).
- Database's logical objects cloning using Oracle Data Pump.
- Managing and maintaining stability of Databases High Availability.
- Integration of Different components with the Databases especially for new projects from Research and development to Production.
- Closely work with Developers to achieve successful results during testing and implementation.

SS&C Primatics Financial

- **Oracle Database Server:**
 - Implemented Oracle Database 11g on Oracle Linux Enterprise Server 6 Production Server (with Oracle Dataguard and Broker)
 - Implemented Oracle Database 19c on Oracle Linux Enterprise Server 7 Production Server (with Oracle Dataguard and Broker)
- **Upgrade of Grid Infrastructure and Database:**
 - Upgraded Oracle Grid Infrastructure and Oracle Databases from 11.2.0.3 to 11.2.0.4 on Production Server
- **Upgrade of Grid Infrastructure and Database:**
 - Upgraded Oracle Grid Infrastructure and Oracle Databases from 11.2.0.4 to 19.3.0 on Production Server
- **Implementation of PostgreSQL Server:**
 - Implemented PostgreSQL Database 9.6 on CentOS 7
 - Designed and implemented Backup/Recovery on PostgreSQL Server Database using third party open source utility (BARMAN)
 - Designed and implemented PostgreSQL Database High Availability (Primary and Standby) using third party open source utility (Replication Manager)
- **Implementation of MariaDB Server:**
 - Implemented MariaDB Database on CentOS 7
 - Designed and implemented Backup/Recovery on MariaDB Server Database using third party open source utility (PerconaDB Backups)
- **Implementation and Upgrade of Informatica (ETL tool):**
 - Implemented Informatica 9.5.1 on CentOS 7
 - Implemented Informatica 10.2 on CentOS 7
 - Implemented Informatica 10.4 on CentOS 7
 - Upgraded Informatica 9.5.1 to 10.2 including Metadata and repositories
 - Upgraded Informatica 10.2 to 10.4 including Metadata and repositories
- **Implementation and Upgrade of Microstrategy Business Intelligence:**
 - Implemented Microstrategy BI 9.4
 - Implemented Microstrategy BI 10.2 with Clustering
 - Upgraded Microstrategy 9.4 to 10.2 including Metadata
 - Implemented Microstrategy BI 11.1 with Clustering
 - Upgraded Microstrategy 10.2 to 11.1 including Metadata
- **Oracle Management Server:**
 - Implemented (Silent) Oracle Enterprise Manager Cloud Control 12c with Oracle Database 11g Repository on Oracle Linux 6 Enterprise Server to Monitor and Manage The Production Database Servers

October 01, 2015 – January 20, 2016
Pak-Qatar Family & General Takaful Limited
Database Administrator - Senior Executive Officer
Information Technology & Systems Department
Job Description and Responsibilities:



- Installing, Patching and upgrading Database Servers, Application Servers and tools.
- Allocating system storage and planning future storage requirements for the database system.
- Monitoring of Databases.
- Trouble Shoot Database Issues Using SQL Plan Baseline, AWR Report, ADDM Report and ASH Report.
- Oracle Data Guard, Active Data Guard, Disaster Recovery Plans and Documentation.
- Managing Daily Backups, Recovery Plans and Documentation.
- Manage User Accounts & Documentation of Databases.
- Ensuring compliance with Oracle license agreement.
- Contacting Oracle Corporation for technical support.
- Performance Tuning and Maintenance of database.
- Monitoring alert log on daily basis.
- Security Implementation.
- Web Utility (Webutil) Configuration.
- Ensure the Availability of Database and Applications.
- Migration of Core Applications.
- Implementation and Configuration of Oracle Management Server (OMS) Cloud Control/Grid Control.
- Implementation of Oracle Management Agents (OMA) on Different OS Platforms.
- Database Migration.
- Good hands on Experience of working with SQL, RMAN, Data Pump, Conventional EXP/IMP, SQL Loader etc.
- Implementation of New Projects.
- Administration, Security and Troubleshooting of Oracle 11g Grid Infrastructure Environment.

PROJECTS

Pak-Qatar Family & General Takaful Limited

- **Oracle Management Server:**
 - Implemented Oracle Enterprise Manager Cloud Control 12c with Oracle Database 11g Repository on Oracle Linux 5.1 Enterprise Server to Monitor and Manage The Production Database Servers.
- **Oracle Management Agent:**
 - Implemented Oracle Management Agents on Multiple Database Servers which are UNIX IBM AIX, Red Hat Linux and Windows Based Servers.
- **Oracle Database Server:**
 - Implemented Oracle Database 11g on Oracle Linux Enterprise Server 5.1 Production Server.
- **Oracle Application Server:**
 - Implemented Oracle Application Server 11g Forms and Reports on Oracle Linux

Enterprise Server 5.1.

- Implemented Oracle Application Server 10g Forms and Reports with Web utility on Microsoft Windows Server 2008 R2 and Microsoft Windows Server 2003.
 - **Migration of Core Applications and Databases:**
 - Migrated Core 10g Forms and Reports from Corrupted Machine Microsoft Windows 2003 to Microsoft Windows Server 2008 R2 and Microsoft Windows Server 2003.
 - Migrated Core 11g Databases from Oracle Linux Enterprise Server 5.1 to Oracle Linux Enterprise Server 5.1 using Data Pump.
 - **Oracle APEX:**
 - Implemented Oracle APEX Server 5.0 on Oracle Linux Enterprise Server with Oracle 11g Database.
 - **Oracle Application Development Framework (ADF):**

Implemented Oracle Application Development Framework (ADF) Weblogic Infrastructure 12c with Oracle 12c Database Repository on Oracle Linux Enterprise Server 6.5.
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March 10, 2014 – September 30, 2015
Jubilee Life Insurance Company Limited
Database Administrator - Assistant Executive Officer
Technology, Projects & Quality Department
Job Description and Responsibilities:



- Installing, Patching and upgrading Oracle Database and application tools.
- Allocating system storage and planning future storage requirements for the database system.
- Export and Import (Data Pump).
- Handling Space Management issues on Database Servers.
- Managing & Monitoring of Different Databases through Grid Control 10g.
- Compilation of Forms, reports, Menus, Libraries of different Applications on AIX Server.
- Modifying the database structure, as necessary, from information given by application developers.
- Create additional listeners, Create Oracle Net service aliases, Configure connecttime failover, Use ping and tnsping.
- Creating Altering users, User Profiles, User resource groups, Granting privileges & roles.
- Contacting Oracle Corporation for technical support.
- Monitoring and optimizing the performance of the database.
- Maintaining archived data on Disk.
- Backing up (Online hot backups, Offline cold backups) and restoring the database.
- Incremental (Cumulative, Differential) Oracle backups.
- Monitoring alert log on daily basis.
- SQL*Loader.
- Security.
- Disaster recovery and performance tuning.

PROJECTS

Jubilee Life Insurance Company Limited

- **Data Guard:**
 - Implemented Oracle 10g and 11g Data Guard Single Instance Database on Production Servers (Linux Red Hat Enterprise Server) and (UNIX IBM AIX Server).
- **Migration of Core Applications and Databases:**
 - Migrated Core 10g Forms and Reports from IBM AIX UNIX Power 5 Machine Production to IBM AIX UNIX Power 6 Machine Production & Test Servers.
 - Migrated Core 10g Databases from IBM AIX UNIX Power 5 Machine to IBM AIX UNIX Power 6 Machine Production & Test Servers Using Data Pump and RMAN.

ACADEMIC QUALIFICATION

University of Sindh, Pakistan

B.S (Honors) in Information Technology, *January 2012 Silver Medalist* with CGPA 3.48/4.00, Percentage: 74.41%

Oracle University (Certification)

Oracle Certified Expert - Oracle Real Application Clusters 11g and Grid Infrastructure Administrator

Oracle Database 11g Administrator Certified Professional (OCP) - DBA

Oracle Database 10g Administrator Certified Professional (OCP) – DBA

Oracle Database 10g Administrator Certified Associate (OCA) – DBA

Oracle Database SQL Certified Expert

EXTRA SKILLS

- **OS Knowledge** Red Hat Server (Linux), IBM AIX (Unix), Windows Server
- **Computer Skills** Microsoft Office, Basic Networking, Hardware, Digital Logic Design
- **Computer Languages** Java, C++, Visual Basic
- **Web Development** HTML, Java Script, PHP

PERSONAL INFORMATION

Father's Name:	Dost Muhammad Khoso
Date of Birth:	12th March 1989
Nationality:	Pakistani
Gender:	Male
Marital Status:	Married
Religion:	Islam
Languages:	English, Arabic, Urdu
