**Quality & Reliability Services
on Oracle Cloud Infrastructure**

Oracle Database migration

Description: Landing Zone Build with Database Migration (1 non Prod & 1 Prod) and Security Review.

1. **Key Components:**

2. **Basic Landing Zone Build** : set up a secure and scalable cloud environment for Oracle Database systems. This service includes the creation of a robust landing zone, enabling a smooth migration of databases to the cloud.

3. **Non-Prod Database Setup**: A non-production Oracle database system with an average size of **500 GB** will be configured and migrated to the cloud environment.

4. **Prod Database Setup**: A production Oracle database system, also with an average size of **500 GB**, will be included in the migration to ensure seamless business operations.

5. **Downtime-Based Migration**: The migration of databases will occur during a scheduled downtime window to ensure minimal disruption to your business operations.

6. **Single Iteration Migration**: The migration process will be conducted in a single iteration, ensuring a streamlined and efficient transition to the cloud.

7. **VM Oracle DB Systems**: The migration target for both non-production and production databases is VM-based Oracle database systems, ensuring compatibility and optimal performance.

8. **Security Review**: A comprehensive security review will be performed to ensure that the environment is fully protected. This includes the configuration and review of **Cloud Guard** for threat detection and **Identity and Access Management (IDAM)** to manage user roles and access to sensitive data. This service offers a complete solution to securely migrate and deploy Oracle databases to the cloud, with full attention to performance, security, and minimal disruption during the migration process.

Duration: 3 weeks elapsed time
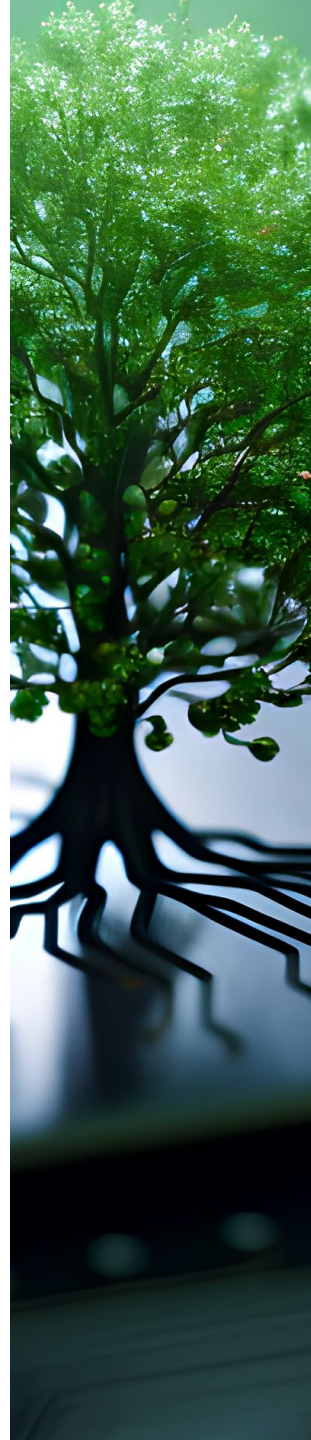
Services

Move Apps to OCI – Non-Prod & 1 Prod

Description: Move Apps to OCI – Non-Prod & Prod.

Key Components:

Basic Landing Zone Build : set up a secure and scalable cloud environment for Oracle Database systems. This service includes the creation of a robust landing zone, enabling a smooth migration of databases to the cloud.

2.   Base J2EE platform provisioning

3.   Up to 2 Non-Prod environments (Test/Dev, QA) & 1 Prod

4.   Provision Load Balancer/Web Application Firewall

5.   SSL certification configuration

6.   Security Review: A comprehensive security review will be performed to ensure that the environment is fully protected. This includes the configuration and review of **Cloud Guard** for threat detection and **Identity and Access Management (IDAM)** to manage user roles and access to sensitive data. This service offers a complete solution to securely migrate and deploy Oracle databases to the cloud, with full attention to performance, security, and minimal disruption during the migration process.

Duration: 3 weeks elapsed time

QUALITY & RELIABILITY
GROUP

About us

Quality & Reliability is a software company that designs and implements innovative end-to-end solutions to help organizations streamline their operations, improve efficiency, transform their businesses, and reduce risk. We deliver high-quality products and services that meet the evolving needs of our customers, backed by exceptional customer support and consulting services.

Quality & Reliability is driven by innovation and committed to staying at the forefront of the technology industry. We foster a culture of continuous learning and development and encourage our employees to stay up to date with the latest advancements in their respective fields. We are a team of high technical skilled professionals who are dedicated to delivering the best software solutions to our customers.

As a leading System Integrator in Greece, Quality & Reliability develops and implements complex, mission critical IT systems and solutions for the major sectors of the economy, focusing on governmental organizations and large enterprises. Q&R has a strong record of successfully completing an extensive list of technology projects for over three decades.

Quality & Reliability Group possesses deep expertise and extensive capabilities in the areas of intelligent workflows, automation, integration, and data management, while actively investing in new emerging technologies based on Artificial Intelligence, Machine Learning, Natural Language Processing, Robotics Process Automation and building specialized solution in the area of sustainability and energy.

Quality & Reliability Group develops its own software and markets off-the-self customized vertical applications like ORAMA ERP, DMS, Property Management, and Bank Guarantees Letter Management and information system for the collection, processing, and certification of energy metering data in the context of implementing the energy balance market.

https://www.qnr.com.gr/

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Experience on OCI

Quality & Reliability has experience in demanding and complicated projects related to Oracle Cloud that includes the Lift & Sift of their applications on OCI. One major project concerns the **National Payroll System.**

The **National Payroll System** project involves the development of a **National Payroll System** for the **Greek Public Sector**, commissioned by the **Ministry of Digital Governance**. **Quality & Reliability S.A.** played a crucial role as a **50% consortium member**, contributing to the design, development, and deployment of a **centralized payroll system** to modernize and unify the payroll management for over **650,000 public sector employees across 3,500 organizations**.

Other important and large-scale projects have been presented at Quality & Reliability Site: https://www.qnr.com.gr/news

Key Features & Benefits:

Standardized & Automated Payroll Processing: Ensures uniform payroll calculations across institutions.

- **Compliance with National & European Regulations**: Adheres to tax laws, social security, and employment regulations.

- **Enhanced Transparency & Security**: Audit-ready payroll reports with robust security.

- **Real-Time Payroll Data Management**: Ensures up-to-date employee records for fast payroll processing.

- **Scalability & Future-Readiness**: Adaptable to policy and legislative updates.

Technologies Used:

Technologies Used:

- **Cloud-Based Infrastructure**: Secure, scalable payroll management.

- **AI-Driven Payroll Auditing**: Detects anomalies and payroll discrepancies.

- **Integration with National Tax & Social Security Systems**: Enables regulatory compliance.

- **Employee Self-Service Portal**: Provides real-time access to payslips and tax statements.

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Reliability Through Our Commitment

WE ARE READY TO DISCUSS YOUR BUSINESS!