

Database migration/consolidation to Oracle cloud G-Cloud 15





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1 Service Overview

A well-designed cloud data strategy will enable all public sector organisations to unlock potential in their data. Migrating any data to the public or government cloud is a daunting task because it involves complete application discovery and designing a new and flexible architecture. New and unfamiliar security requirements can often feel daunting and that's all before migrating any data. Migrating data from on premises and sometimes 3rd party datacentres required deep planning and co-ordination and once migrated you need a new operating model to meet requirements and evolution to maximise your cloud operational benefits. Migrating data estates to OCI public cloud, OCI Government cloud or Oracle Database@Azure, Database@GCP, Database@AWS will enable public sector organisations to realise costs savings. from eliminating manual effort of management, removing legacy versions and/or hardware remove the need to manually patch or upgrade again. Oracle database in OCI or Oracle Database@Hyperscaler fully leverages the cloudonomics model and matches consumption closely to cost..

Capgemini's database migration and modernisation offering enables organisations to rapidly migrate all on premises, and 3rd party datacenter databases (Oracle, MSSQL, MySQL) to Oracle OCI or Oracle Database@Hyperscaler. The migration service allows an organisation to realise the full benefits of cloud computing while also decreasing manual effort, operational costs. Running databases in OCI will enable a more agile working environment and improving the security posture of databases, by utilising key capabilities of OCI and industry standard tooling and benchmarks.

The database migration service is built on Oracle's unique migration offering (ZDM), allowing for zero downtime migrations of the most critical application to any business. This allows seamless migration from multiple on premises legacy operating systems (Solaris AIX etc) as well as older versions of Oracle databases directly to autonomous databases or other OCI cloud database offerings. Combined with Capgemini's and industry standards, Capgemini offers the following capabilities as part of the service:

- A strategy for identifying and defining the current application and database management strategy on premises, this will identify application and service interactions which is a fundamental requirement before any migration.
- A standard approach for migrating data to Oracle OCI or Oracle Database@Hyperscaler.
- Design a secure and flexible cloud architecture, that will allow the new cloud environment to grow and augment overtime.
- Management and analytics capabilities to allow the business and financially accountable employees to identify, budget and charge for the use of cloud resources.
- Implement security and deployment guardrails.
- Deploy additional OCI security tooling in OCI, this would include datasafe, observability and management capabilities and Oracle Cloud control for complete estate visibility and manageability.
- Capgemini's operational support tooling and platform enhancements.
- Increase business agility and reduce time to market by making information assets more accessible, scalable and secure.
- Input from the expertise of 1500+ skilled Oracle delivery specialists.

2 Business Need

Business's often fail to consider how critical and valuable data is in many databases, how this data can be leveraged to gain additional insight and how it can be accessed securely. Without due consideration for the complexity and effort involved, a digital strategy and its promised benefits could be at risk. As organisations move to the cloud, access to information and functionality should become readily available, but also embracing the promise of cloudonomics should be realised, through truly flexible infrastructure and platform costs. Capgemini's years of experience of migrating organisation critical assets to the cloud brings a wealth of



knowledge on how to best augment or transform operating models to gains the best user and technical experience of cloud computing while actively reducing the running and operating costs. Furthermore, as new features are deployed by Oracle, Capgemini will work with your organisation to be able to adopt and benefit from the new functionality and features of cloud computing.

Our migration service will allow :

- Enable greater flexibility and agility to operate the buyer's database estate than historically on-premises allows
- Allow greater visibility on consumption, and usage and to match capacity with peak demand.
- Implement OCI cloud native database management and security tools, ad than traditionally available on premise of in 3rd party clouds.
- Infrastructure as code will allow for reusable standardised patterns allowing client appropriate infrastructure best practice conformance (CIS, NCSC) and agility in delivery.

3 Our Approach

Capgemini's approach to data migration to OCI is based on many years of experience implementing large, complex and heterogeneous data migrations to cloud. Capgemini adopts a four-step approach:

1. **Discovery:** a database and application discovery on premises and 3rd party datacentres. This phase allows for interdependency, application and a version discovery. This discovery output informs the "Strategy" phase.
2. **Strategy:** Propose and implement cloud design that is fully informed from the discovery phase. Apply the Gartner R's lense for migration and application migration to create a cohort of migrations candidates.
3. **Migrate:** Complete provisioning and migration as per the strategy defined within the agreed timelines.
4. **Augment and Optimise:** create a continuous innovation cycle, to get the most out of the new features that are delivered almost daily by the Oracle, augment client delivery to foster a culture of innovation and cloudonomics so the best is always gained of OCI.

4 Buyer Responsibilities

Please refer to the Supplier Terms listed with this service on the Platform. These may contain additional Buyer obligations/costs the Buyer is subject to that are not identified anywhere else in the Supplier's Application or on the Platform.

- Provide resources, stakeholders, information and materials in accordance with the agreed plan
- Provide appropriate process and subject matter experts to understand and agree the solution design
- Procure necessary software licenses and subscriptions including SaaS, PaaS and IaaS as appropriate
- Provide access to existing systems or the data from the existing systems to enable data migration
- Provide Test instances of any 3rd party system that will be required to test inbound or outbound interfaces
- Plan, resource and execute user acceptance testing
- Provide trainers and conduct end-user training
- Ensure the Buyers project team is empowered to make decisions in a quick and timely manner
- Review and sign-off deliverables in a timely manner based on agreed acceptance criteria



5 Service Management

Not applicable.

6 Protection of Data

This service is based on a security classification of 'Official', however should you have a requirement for a different security classification that you would like us to consider, please contact Capgemini to discuss.

7 On-boarding and Off-boarding

Capgemini shall undertake on-boarding and off-boarding activities agreed within the Order Form (including as a minimum an exit plan in line with the Call-Off Contract terms) which will be charged for in accordance with the Pricing section for this service.

8 Skills and Knowledge Transfer

Capgemini recognises that skills and knowledge transfer is a critical element in the provision of G-Cloud services to public sector clients. Where possible and applicable, this forms part of the delivery plan for the service agreed at the start of the engagement. Our consultants and engineers are experienced in providing skills and knowledge transfer for major private and public sector clients.

Where appropriate, we may use a standard approach, tailored to topic, skills-gap and individual, to ensure consistency and effectiveness. The approach, Capgemini's Assess-Plan-Implement framework, has been used repeatedly by our teams to structure the work involved in transferring skills and creating new teams capable of driving and sustaining change long after the end of the formal programme. The framework can be applied throughout a project to understand knowledge transfer objectives, plan training delivery methods and materials, and deliver and evaluate success.

9 Vendor Accreditations/Awards



For the 13th year in a row, Capgemini has been recognised as one of the World's Most Ethical Companies® by the Ethisphere® Institute. This is an acknowledgement of our ethical culture that makes us an employer of choice and responsible player in the eyes of our clients, shareholders, and the wider community.

Clients with Oracle application landscapes can count on a service provider that:

- Is an Oracle partner for Sell, Service & License and Hardware tracks.
- Has over 11,000 Oracle expert consultants worldwide, more than 1000 trained specialists across Oracle Cloud Applications around the world.
- Positioned as niche player in Gartner's 2021 Magic Quadrants for Cloud Application services
- Positioned as a Major Player in Gartner's 2020/IDC 2020 Magic Quadrant for Managed Workplace Services, CRM, and Customer Experience Implementation Services worldwide
- Has delivered on 5,000+ Oracle engagements from across all industries, sectors, and major geographies.
- Has 47 years of global cross-discipline experience.
- Has Oracle Cloud Infrastructure (OCI) Partner of the Year France Award in 2020.



- Has Gold, Silver & Bronze UKOUG Partner of the Year Awards in 2017, 2018 and 2019.
- Has Top Contributor award at the Oracle IaaS & PaaS Forum in 2019 in Italy.
- Has Vertical Alliance awards in Warehouse/Distribution and Advertising, Media, and Publishing at the SuiteWorld event in 2019 in North America.
- Has Vertical Alliance awards in Retail, Manufacturing and North America at SuiteWorld 2018.
- Has Best PaaS Contribution Oracle Partner Award in 2018 and 2019.
- Has Best API Contribution Oracle Partner Award in 2018 and 2019.
- Has Oracle Cloud Platform Innovation Award at Oracle OpenWorld 2018.
- Has Outstanding MSP Maximum Performance Oracle Partner Award in 2018.
- Has Oracle Cloud Excellence Implementer (CEI) accreditation: November 2017.
- Has Chatbot PaaS Community Award in 2017.
- Has Global Excellence Award for Extend and Connect in 2017.
- Has API PaaS Community Award in 2017.

10 Sub-contractors

None.

11 Business Continuity and Disaster Recovery

No disaster recovery plan is provided as part of these Services.

12 Pricing

This service is priced in accordance with the SFIA Rate Card attached. Capgemini can also provide offshore resources at reduced rates where appropriate. Projects can be priced either on a Time & Materials or Fixed Price basis.

13 Ordering and Invoicing

Please refer to the Supplier Terms for this service.

We would be pleased to arrange a call or meeting to discuss your requirements of our service in more detail.

14 Termination Terms

Please refer to the Supplier Terms for this service.

15 Further Information

For more information about this or any of our G-Cloud services, please contact our Public Sector Team.



Phone: 0370 904 4858

Email: publicsector.opps.uk@capgemini.com including the following information:

1. The name of this service.
2. The name of your organisation.
3. Your name and contact details.
4. A brief description of your business situation.
5. Your preferred timescales for starting the work.

About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. It is a responsible and diverse group of 340,000 team members in more than 50 countries. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2024 global revenues of €22.1 billion.

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