IBM Consulting for Oracle Cloud Infrastructure
As organizations increasingly embrace digital transformation, cloud is becoming the de facto enabler for their journeys.

According to Gartner, 51% of enterprise IT spending in key market segments such as application software, infrastructure software, business process services, and system infrastructure will shift from traditional solutions to public cloud by 2025, up from 41% in 2022.¹

Oracle is strongly emerging as one of the major cloud service providers with its cloud infrastructure business growing at a frenzied pace.

IBM has an entire spectrum of Oracle Cloud Infrastructure (OCI) offerings and services that will help you strategize and execute your move to cloud and manage it efficiently.
Four-in-One IBM Offering for Oracle Cloud Infrastructure

The IBM offering for OCI aims to accelerate your journey to cloud by managing risk, optimizing outcomes, and improving speed by adopting a set of industry best practices that span the entire range of cloud services — whether cloud advisory or actual migration, building natively in the cloud, or managing your entire hybrid and multicloud estate. As indicated to the right, there is a premium offering attached to each of the four core offering pillars that engages the right processes, methods, and tools to deliver these capabilities and generate client value.

The offerings listed above leverage an integrated framework that defines the different journeys to cloud and rests on a solid foundation of assets, accelerators, and tools — delivering innovation throughout the cloud journey.
This offering looks holistically at your entire IT landscape and assesses your affinity and readiness to move to cloud with an unbiased view of modern patterns for hybrid and multicloud. Recommendations are made about the probable target dispositions, on cloud or otherwise, along with the target architecture and deployment model. A business case is presented along with an estimated return on investment (ROI) to help you obtain executive alignment before launching the mission to move to cloud.

**Discovery**
- Automated/manual discovery of IT estate
- Inventory, dependencies, performance, and utilization

**Impact Analysis**
- Portfolio segmentation and affinity
- Cloud readiness assessment

**Recommendations**
- Architecture, deployment model, and target dispositions
- Modernization and optimization opportunities

**Roadmap**
- Options and definition of transition states
- Project plan and timelines

**Business Case**
- Business benefits (both quantitative and qualitative) in moving to cloud
- Innovation opportunities and reduction of technical debt

**ROI**
- Estimated license and labor costs
- Indicative ROI based upon estimated costs and business case
Our discovery tools help identify the dependencies between components that feed into the migration wave planning. At the same time, our automated portfolio segmentation algorithms serve as the basis for modernization assessments and help analyze key impacts and benefits associated with moving to cloud.

**Dependency Analysis**

**Portfolio Segmentation**
IBM adopts a factory-based, time-tested migration approach that leverages best-in-class tooling, whether from Oracle or your internal IT team. Modernization options are recommended and agreed upon prior to migration, and a rich repository of assets and templates are used to ensure delivery stays on track. During deployment, our automation-first approach and best practices keep system downtime and risks to a minimum.

**IBM Rapid Move Method**

<table>
<thead>
<tr>
<th></th>
<th>Startup</th>
<th>Discover</th>
<th>Deliver</th>
<th>Test and Deploy</th>
<th>Manage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Governance</strong></td>
<td>Executive alignment, business case, and roadmap</td>
<td>Migration strategy, wave plans, runbooks, test strategy, project plan, change management plan</td>
<td>Sanity, regression, DR</td>
<td></td>
<td>Unified management portal</td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td>Pain point identification, OCI vs SaaS assessment</td>
<td>Affinity, dependencies, integrations</td>
<td>Move binary, file system, repoint integrations</td>
<td></td>
<td>Engineering service desk</td>
</tr>
<tr>
<td><strong>Database</strong></td>
<td>End of support / end of life assessment</td>
<td>Volumetrics, installations, environments</td>
<td>Backup-restore, replicate, logical move, hybrid</td>
<td></td>
<td>Continuous innovation</td>
</tr>
<tr>
<td><strong>Infrastructure</strong></td>
<td>Pain point identification, HW refresh assessment</td>
<td>Affinity, performance, utilization, AD</td>
<td>System build (VM, storage, network), DR, security</td>
<td></td>
<td>Upgrades and SaaS</td>
</tr>
</tbody>
</table>

IBM Consulting for Oracle Cloud Infrastructure Capabilities
Tools such as Click2Migrate incorporate cloud migration best practices and drive automation, thereby saving considerable effort to migrate data manually, while bringing in standardization and consistency and eliminating human errors.

**IBM Click2Migrate Tool**

**Benefits**

- Database migration from on-premises to cloud
- Significant reduction of database migration effort
- UI-driven migration approach drives consistency
- Frees up senior admin time, allows them to focus on value-added activities

**Features**

- Supports backup, restore, and cloning operations
- Supports multiple target options: standalone DB on OCI VM, Database cloud, and Exadata cloud
- Supports all Oracle versions starting from 11G
- In-built log repository and reporting for status check and historical analysis
IBM delivers a pre-built, cloud-native foundation platform on which you can modernize and innovate, building bolt-on applications to supplement core application functionalities while improving your business agility.

**Business Drivers**

- **Speed**
  - Accelerate time to value

- **Agility**
  - Scale business functions on-demand

- **Flexibility**
  - Provide choice of technology

- **Collaboration**
  - Engage customers early

**Design**

- Loosely coupled design
- Virtualized deployment and execution
- Automated delivery processes

**IBM Cloud-native Development Platform for Oracle**

- Micro Services
- Infrastructure as Code
- APIs
- Log Management
- Containers
- Service Mesh
- DevOps
- Telemetry

- Provision cloud native platform by a single click
- Modernize your Oracle application stack
- Establish first microservices MVP in 10 days
- Scale up applications on demand
- Deliver multicloud
- Enable change in real time
Our Cognitive Enterprise Business Platform is comprised of several preconfigured intelligent workflows that are built using cloud-native exponential technologies — such as artificial intelligence (AI), robotic process automation (RPA), the Internet of Things (IoT), and blockchain — to extend and enhance your core industry and business processes, thereby creating differentiated solutions. These include:

### Touchless Close

- Robotic process automation
- Reduced manual effort
- Elimination of human errors
- Cross-application coverage
- Better resource utilization
- Cost savings

70% reduction of period close cycle time

### Shift Roster

- Conversational user interface
- Guided solutions
- Integration with SaaS
- Employee/manager self-service
- Flexible shift options
- Automated approval workflow

**Improved** employee/manager experience
IBM has more than 20 years of experience providing managed cloud services and is a certified Oracle managed services partner. Some of the managed services we offer on Oracle Cloud include:

**Unified Services Portal**
Applications, Servers, Insights, Health, Service Support, Consumption, Billing and Overages

**Service Management**
Incident, Problem, Change, Configuration Management, Asset Management

**Event Management**
Events, Alerting, Event Correlation

**Systems Management**
Capacity, Analytics, Backup/Restore Systems

**Application and Database Management**
Support, Customization, Testing, Upgrades

**Security and Compliance Management**
Health Checks, Patching, SIEM, Identity Access Management

**Automation and DevOps**
Automate by Default, Manage by Exception

**AIoPs**
Anomaly Detection, Predictive Analytics
We have invested heavily in integrating our observability and manageability platform with Oracle Cloud key performance indicators (KPIs) and metrics, providing an all-around view of the system health that cuts across applications, middleware, database, infrastructure, logs, security, and network. Our platform is integrated with ServiceNow to provide a seamless internet technology service management (ITSM) experience, allowing us ready visibility into the service-related metrics. The platform adopts an automation-first principle while also incorporating AI algorithms to help with anomaly detection by comparing observed patterns against defined thresholds. This allows service engineers to proactively address potential issues before they surface.