



Migrate and Modernize

Now is the time to unlock the benefits of Oracle Cloud Infrastructure with “lift and shift” service from KPMG.



Migrating from on-premise E-Business Suite (EBS) to the Oracle Cloud Infrastructure (OCI) can be a catalyst to modernize complex organizations. The process begins with the KPMG Migrate and Modernize service, which migrates on-premise EBS applications to the Oracle Cloud without redesigning or reimplementing them.

By enhancing lift and shift with consulting support from KPMG and integrating emerging technology like generative artificial intelligence (GenAI), organizations can achieve a more thorough level of modernization, including lower operating costs, enhanced reporting, and the improved business agility that helps ensure that their business model remains robust.

Benefits of migrating from EBS to OCI

Working with KPMG simplifies the migration process, and our experience and methodology helps with a successful outcome. Moving to OCI improves organization agility by leveraging the flexibility and efficiency of the cloud. The following additional benefits are expected as reported by Oracle.

Reduce total cost of ownership by **38%** over on-premise deployments

Improve performance by **30%**, with **2 to 10** times faster reporting

Enable better reporting and analytics on a modern platform

Amplify EBS by utilizing OCI GenAI and machine learning/AI services

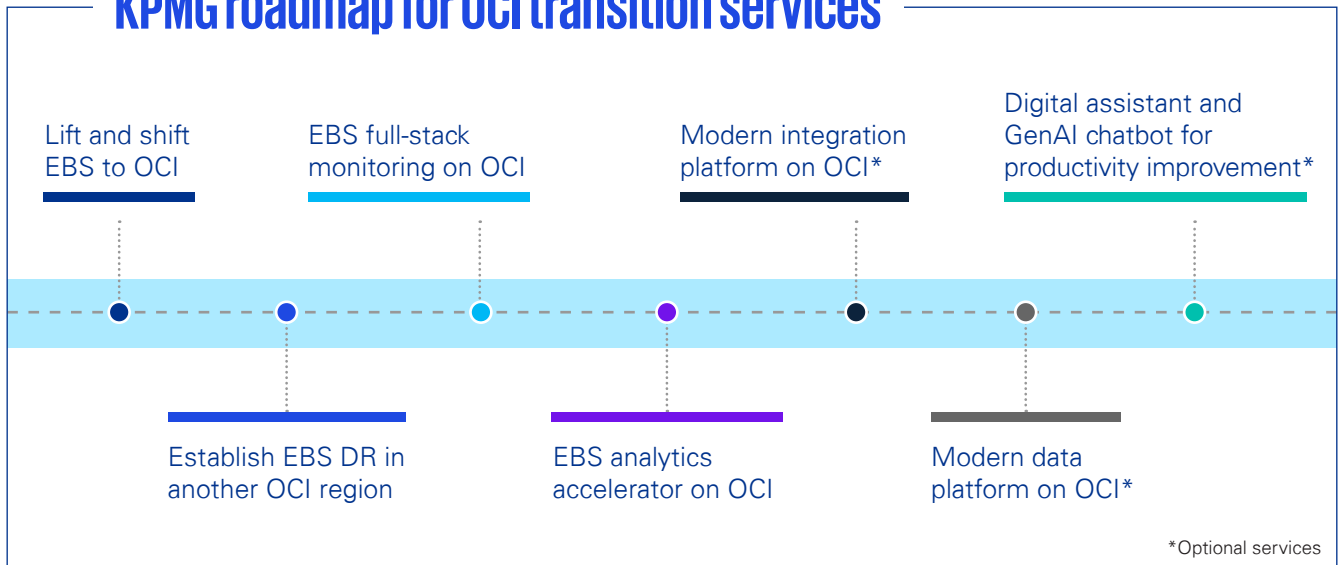
Better full-stack monitoring of EBS application in OCI

Implement disaster recovery setup with ease in another OCI region

Secure CIS Landing Zone reference architecture with terraform scripts to accelerate deployment

Here's a closer look at the migration and modernization process. After the first foundational step, other modernization services can be added in any order (though the roadmap diagram below contains the recommended order).

KPMG roadmap for OCI transition services



Lift and shift EBS to OCI

Our reference architecture for lifting and shifting EBS to OCI is based on leading practices for flexibility, scalability, and security developed by the Center for Internet Security. We use KPMG accelerators and assets to speed deployment. Multiple iterations of testing and rehearsals then allow organizations to confidently move into the cloud. We aim to size the EBS environment on cloud correctly so that clients don't spend more money than necessary for a subscription-based service.

Establish EBS DR in another OCI region

Our reference architecture for migrating EBS to OCI encompasses not only the smooth transition of your systems but also prioritizes resilience against unforeseen events like natural disasters. To fortify this, we implement a robust disaster recovery (DR) mechanism in a separate OCI region. This strategy helps ensure seamless failover in the event of any disruptions affecting the primary region.

EBS full-stack monitoring on OCI

Multiple stacks—the app server, the web server, and the database server, among others—form the complete E-Business Suite application. While migrating to OCI, proactive monitoring of the entire application stack helps ensure high availability, with a recovery time objective and a recovery point objective of less than four hours to help ensure business continuity.

EBS analytics accelerator on OCI

This prebuilt solution, offered by Oracle Consulting, provides real-time analytics so finance professionals can rapidly uncover underlying drivers of profitability, improve the use of working capital, and control business expenditures. It also provides a consolidated view of a company's workforce information for effective decision-making. We customize or extend capabilities, depending on client needs.

Modern integration platform on OCI

KPMG has developed an integration framework specifically designed to cater to diverse integration requirements within OCI. This framework offers a flexible design that allows for seamless connectivity between EBS on OCI and other applications, whether they are located on-premise or in the cloud. By utilizing prebuilt templates and common services, businesses can achieve efficient integration of disparate systems without complications. This simplifies the integration process and streamlines data flow between applications.

One of the key features of our integration framework and OCI is its scalability. The platform can effortlessly handle fluctuations in data volume or the addition of new applications, allowing businesses to adapt to changing demands. With the ability to expand or contract resources as needed, the framework helps ensure smooth operations and efficient resource utilization. This scalability feature enables businesses to effectively manage their integration needs without disruptions, helping ensure uninterrupted connectivity between systems.

Modern data platform on OCI

One of the biggest benefits of migrating from on-premise to cloud is the opportunity to store and access data in a single location. The OCI enables organizations to clean and process information in a central data warehouse. This includes data from EBS on OCI and other systems (cloud or on-premise, internal or external). A wide range of data types can be processed from any source, and various data analyses can be performed on top of them.

Digital assistant and GenAI querying capabilities for productivity improvement

KPMG has developed a solution that integrates GenAI and with the Oracle Digital Assistant to effectively elevate client productivity. Enabled with natural language processing capabilities, these GenAI agents, developed by our team, can help employees rapidly gather crucial information. The collection of AI agents spans numerous vital business operations, including enrollment, payroll data, general ledger, quoting, sales order management, and spend analysis, among others. This allows employees to seamlessly access and interact with vital data, thereby leading to significant improvements in productivity.



Expertise in
**Oracle E-Business Suite
Applications to Oracle Cloud**
in North America

Achieving success with KPMG and Oracle

As an award-winning Oracle alliance partner, KPMG knows how to deliver successful modernization programs. With our thoughtful design and migration approach, a client's cloud strategy can be implemented in steps, tailored to individual workloads.

Balancing business experience, industry focus, and advanced technology, KPMG and Oracle can help accelerate innovation and time to value across the front, middle, and back offices. From the initial roadmap to value-added services like monitoring solutions and GenAI, we simplify the process, unlocking the advantages and cost savings associated with modernization.

Connect with one of our team members to learn more about accelerating your EBS lift and shift to OCI.



KPMG has been an award-winning Oracle alliance partner for over 30 years.

Our delivery teams have experience across all Oracle products and modules (ERP, EPM, SCM, HCM, CX, analytics, OIC, industry solutions), including developing unique PaaS solutions and deep experience implementing Oracle Accounting Hub and Subscription Management modules.

Embarking on a cloud transformation journey with KPMG and our alliance partner, Oracle, **delivers value, drives sustainable change, and accelerates innovation**—across the front, middle, and back offices.

If you have any questions on how to accelerate digital transformation or to find out more, contact:

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