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Cloud Migration Done Right with Wipro's Zero Cost Transformation





Organizations and industries globally have rapidly adjusted to a remote workforce and managed cost pressures while keeping their core systems operational. As businesses move to new way of working, IT leaders face critical mandates and opportunities to adapt and innovate their IT infrastructure and operations to deliver competitive advantage.

Running business applications on-premise can be expensive due to hardware refreshes, ongoing maintenance, increasingly expensive contract renewals, and the opportunity cost associated with stagnant on-premise infrastructure that lacks innovation. Organizations also lack the agility to adapt to variable workload demands since they cannot readily scale-up/scale-down as per requirement. Cloud has emerged as the favored path to accelerate business and innovate on the go, with analysts indicating¹ that more than 80% of enterprises will significantly taper down their traditional data centers by 2025.

However, cloud migration is not an overnight journey, nor does it come cheap. It's about business, cultural, and strategic change for an organization – all of which represent significant investments. Whether the cloud migration be partial, complete, or hybrid, there is significant cost and time involved. And not every organization succeeds.

Cloud is an organizational imperative

Some organizations resist the move to the cloud for reasons such as a lack of skilled resources, conflicting business priorities, dual costs during the migration journey, and so on. Migrating to the cloud is not just shifting workloads and applications. It requires organizations to reimagine their IT infrastructure/operations strategy and strengthen new skills and competencies to drive innovation that will future-proof their business.

Many organizations that have traditionally relied on on-premise deployments are moving to the cloud. A survey² found that worldwide end-user spending on public cloud services is forecast to grow 18.4% in 2021 to total \$304.9 billion – up from \$257.5 billion in 2020. The survey further revealed that 70% of organizations that currently use cloud services will increase their spend as a result of COVID-19.

Oracle Cloud Infrastructure makes sense for destination cloud

Oracle Cloud Infrastructure (OCI) is a compelling cloud alternative that has proven to be efficient and high-performing for a wide range of workloads, including bespoke non-Oracle applications and Oracle applications. These run best on OCI, because it provides committed performance and available service-level agreements (SLAs) with a certified maximum-availability architecture that's best suited to the Bring Your Own License (BYOL) model for Oracle workloads. Further, OCI includes flexible compute for varied workload requirements and reduced maintenance overhead with Oracle Autonomous Database and Operating System.

Challenges and success factors for successful cloud migration

Business should address a variety of challenges to ensure success in their cloud-migration journey. A few of the most important issues include:



Planning and estimation

Lack of proper assessment and planning can jeopardize the cloud migration roadmap. It is crucial to estimate the complexity of the workload for migration, dependencies, external integration involved. Moreover, this should be followed by complete technical and business analysis and impact.



Collaboration

During the initial phase of migration, it is critical to have strong collaboration between the customer, the IT service partner, and the cloud service provider (or hyperscaler). It requires participation and buy-in from all project stakeholders, and the strategy needs to include lessons learned and defined best practices.



Dual cost

During the process of migrating to a public cloud, the company needs to consider the costs of running the on-premise systems, while in parallel, paying for the cloud infrastructure.



Change of business strategy

Moving to the cloud necessitates a change in IT and business operations in order to make best use of cloud capabilities. In the cloud migration, there is no “one size fits all” solution, because it involves a cultural change as much as a technical change.



Disaster recovery

Cloud migration does not happen overnight. While there are several approaches – partial, hybrid or complete – anticipating and mitigating disasters is critical. Organizations can choose to leverage cloud as a holistic solution for disaster recovery even though the production workload profile could be a mix of on-premise and cloud.



Having the right skills

Cloud migration requires varied expertise and skills. It is crucial to consult and engage experts with proven migration expertise, having pool of certified skilled cloud consultants.

Organizations usually underestimate the complexity of Cloud migration in terms of skills, efforts, timeline, business impact analysis and external system integrations. They need to consult their IT teams and any inhouse Cloud Centers of excellence (CCOE) when it comes to workload migration initiatives, in order to effectively overcome the challenges.

Since cloud migration is a complex activity, it is recommended to consult and involve a Cloud Migration Provider. Cloud Migration Providers, like Wipro, typically bring in the necessary expertise and discovery tools to gather information of the workloads for a better technical assessment, and it usually also includes business analysis as a part of the exercise.



Migrate Oracle applications/workloads to OCI at zero cost

Wipro offers Zero Cost Transformation (ZCT), a complete managed service offering that helps organizations to fast-track their cloud roadmap journey to OCI. It leverages our 6-step Cloud migration methodology³ to help fast-track the cloud-transformation journey and fast-track an organization's journey to OCI. This service provides a unique opportunity to quantify, cross validate, and prove the business value surrounding key infrastructure, supporting applications, and databases. It also includes Wipro taking end-to-end accountability of cloud assessment, proof-of-concepts (POC), and migrating Oracle and non-Oracle workloads to OCI. The combination of OCI and Zero Cost Transformation ensures an efficient, cost-effective, and risk-mitigated migration.

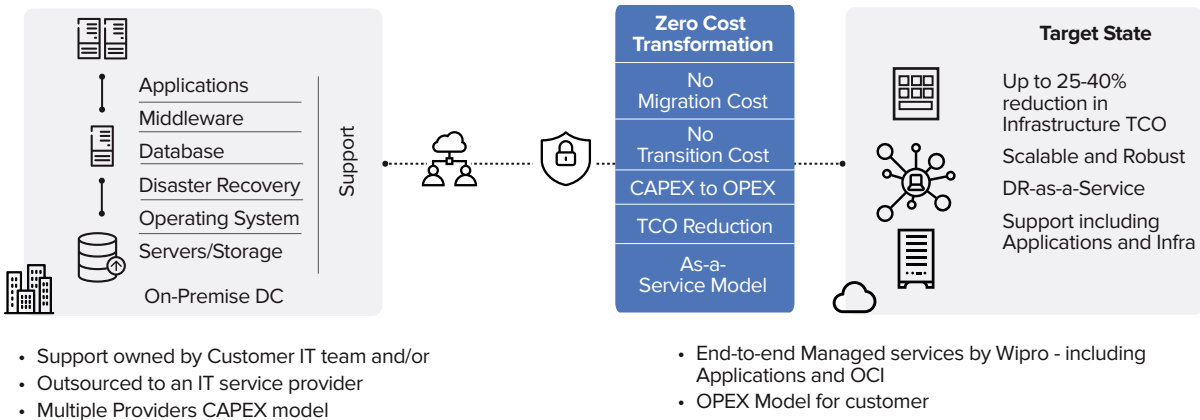


Figure 1: Zero Cost Transformation depiction

With Zero Cost Transformation on OCI, Wipro offers a free cloud-migration assessment, free POC, zero transition cost for application support, and zero migration cost for OCI migration.

Wipro assures total cost of ownership (TCO) savings of up to 25-40%, plus an improvement in operational efficiencies.

The TCO comparison between on-premise versus OCI can be challenging to calculate⁴. This is a three-year cost comparison for ERP on OCI vs on-premise:

3-year TCO for ERP on Oracle Cloud Infrastructure (OCI) vs on-premise
Wipro enables up to 25-40% TCO savings with Zero Cost Transformation to OCI

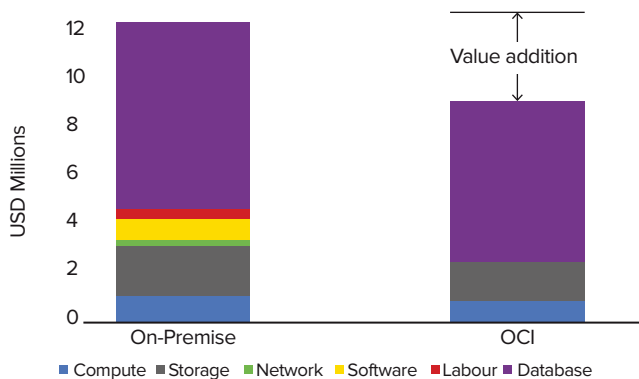


Figure 2: 3 year cost comparison for ERP on OCI vs on-premise





Wipro has one of the largest pools of Oracle experts in OCI globally, including Oracle Applications, Oracle Databases, Autonomous DB, Oracle SOA, Exadata Engineered system etc. Wipro has been providing services around Oracle applications for more than 25 years and is rated among the top global System Integrators for Oracle technologies by leading analysts. Wipro has Managed Service Expertise (MSE) credentials for OCI, which enables us to provide future-ready solutions on Oracle Cloud Infrastructure. Wipro brings consulting expertise, Cloud solutions and industry expertise to help customer propel their digital transformation journey with Oracle Cloud. With Wipro's expertise at their disposal, companies can realize benefits such as:

- Holistic DR on Cloud, leveraging Wipro DRaaS offering
- End to End managed services covering OCI and Oracle applications with single point of accountability
- Enhanced user experience through Wipro's automations in Oracle applications support

Take a confident stride to OCI

There are numerous benefits of migrating to the cloud, such as automation, cost efficiencies, license optimization, collaboration scale, and innovation. The cloud also provides access to new technologies, reducing the need to invest in new infrastructure. In the future, the cloud will no longer be a choice but a necessity. Migrating to the cloud requires organizations to re-invent their business strategies and IT infrastructure to drive new opportunities and innovation. The right mix of meticulous planning, collaboration, and partnerships with the right cloud service providers can help companies overcome potential hurdles and ensure their overall future success.

About the authors

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Siva has 20+ years of experience building Application Practices and Solutions and helping clients drive better business outcomes with Enterprise Applications. He holds an MBA from the Indian Institute of Management, Bangalore. He has also been a speaker at global technology forums such as Oracle OpenWorld.

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Bidhin has more than 25 years of experience in Oracle applications, databases, middleware, and related technologies. He is responsible for running the OCI and Apps DBA practice globally and is helping customers fulfill their vision to adopt a cloud journey. He has defined and executed new solutions and helped customers successfully migrate complex on-premise landscapes to Oracle cloud.

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strong commitment to sustainability and good corporate citizenship, we have over 190,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

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