



ORACLE

Beyond lift-and-shift:

**Embracing the
continuous process
that is multcloud
transformation**



Multicloud solutions offer the full transformative potential of the cloud, with organizations free to cherry-pick the best services of multiple public cloud environments to meet their diverse requirements. Today, one of the best multicloud experiences is Oracle Database@Azure, where Oracle Database services are physically hosted in Microsoft Azure data centers. This enables customers to leverage Azure’s cloud-native features to build solutions on Oracle Database.

Executive summary

“Transform or be left behind” has been the overarching theme driving business for decades. Today, multicloud technology has emerged as a key to successful transformation. But multicloud management is fraught with challenges, including security, performance and integration issues. Together, Oracle and Cognizant provide a multicloud management solution with Microsoft Azure that minimizes the challenges while maximizing the transformative potential of multicloud.

Lift-and-shift is only the beginning of your cloud journey

Given that the majority of the world’s data has yet to be migrated from on-premises environments to the cloud, the odds are good that you haven’t begun your migration, or you’ve started but haven’t finished. Either way, you’re probably coming to realize that lift-and-shift is just the beginning; successful cloud migration is a continuous process that requires ongoing monitoring and optimization.

But here’s the good news: The entire progression of deploying to the cloud, migrating workloads to the cloud and maximizing cloud potential has become much easier — even for the soaring number of organizations tapping into the transformative potential of multicloud environments.

For a great many organizations, the alliance between Oracle and Microsoft offers the best pathway to multicloud success. Organizations that want to run their application workloads in Microsoft Azure with Oracle Database can leverage Oracle Database@Azure to offer their customers the best possible experience. And, as an authorized systems integrator for both Oracle and Microsoft, Cognizant simplifies the process of implementing and managing a multicloud environment.



Competitive demands drive cloud migration

Cloud migration is certainly nothing new — organizations have been migrating data and applications to the cloud for some time. Cloud migration is driven by a range of powerful motivators, including:

Outdated infrastructure

Legacy infrastructure, in many organizations, is close to end-of-life projections.

Performance issues

Lags, downtimes or performance inefficiencies may impact business operations.

Security breaches

Infrastructure vulnerabilities can pose a higher risk of breaches.

Inability to support innovation

Legacy infrastructure is often incapable of supporting the adoption of next-generation technologies such as AI and machine learning.

Increasingly stringent compliance mandates

Compliance regulations are becoming more numerous and complex and are being more vigorously enforced.

While these motivations have driven cloud migration in general, a more compelling force has driven the adoption of multicloud environments — one that is as powerful as it is ubiquitous: **customer demand.**

Customer demands drive multicloud migration

Technological advancements, along with massive data gathering and storage capacity, make it possible for organizations to serve customers better than ever before. And smart organizations are gearing up to do just that.

But finding a single cloud services provider that can effectively fulfill all needs — particularly in the face of soaring customer expectations — is a virtual impossibility. A multicloud approach, blending the best of service offerings from more than a single provider, is now the key to success in the Age of the Customer. Multicloud strategies allow organizations to place compute workloads and data in environments best suited to their goals, enabling them to optimize cloud infrastructure capabilities while also keeping costs in check.

Cloud modernization through a multicloud strategy provides specific benefits that include:

Operational efficiency

Streamlined operations, automated processes and enhanced integration capabilities offer organizations greater operational agility.

Cost savings

Paying only for what is needed can lead to better utilization of resources. And multicloud models often offer more competitive pricing structures.

Enhanced security

Cloud modernization ensures that the latest evolution of security protocols and tools consistently protect organizations' data and applications.

Performance improvements

Multicloud solutions enable organizations to best match their needs with service providers' capabilities, ensuring faster processing, speedier load times and better user experiences.

Scalability

Modern multicloud solutions enable inherent scalability that ensures that businesses continuously and effortlessly match resources to needs.

Regulatory compliance

Modern cloud solutions help organizations avoid punitive responses by enhancing their ability to maintain regulatory compliance.

Cloud modernization also offers enterprises the ability to keep up with the latest waves of innovation in features and services. In short, the adoption of a multicloud approach helps organizations achieve their digital transformation goals while enhancing their ability to serve customers and compete more effectively.

Real-world, quantifiable benefits from digital transformation with Cognizant and Oracle Cloud Infrastructure (OCI):

40%

lower infrastructure costs

5x

improvement in application performance

20%

enhancement in operational efficiencies

25%

faster transaction processing

30%

speedier inventory order processing

Oracle and Microsoft: A new precedent for multicloud excellence

OCI has long been an industry leader in providing distributed cloud solutions that enable enterprises to place workloads wherever they want, even across multiple clouds. Similarly, Microsoft Azure enjoys a long history of offering industry-leading cloud services. And now, these two industry giants have teamed up to provide a ground-breaking advancement in cloud services: Oracle Database@Azure consists of OCI deployed inside Azure data centers, offering Oracle Database services, such as Oracle Exadata Database Service, that are easily implemented, fast and secure.

Oracle Database@Azure provides a never-before-seen leap in multicloud capabilities: a literal cloud within a cloud. Traditionally, multicloud applications experience significant latency across, potentially, thousands of miles and multiple service providers. Multicloud communications inherently take longer than communications in data centers. And often, those delays cause significant problems, such as application timeouts or “broken connection” errors.

Oracle Database@Azure eliminates those problems thanks to the direct colocation of clouds. Benefits of Oracle Database@Azure include:

- **Conventional data center performance**
Gain the benefits of multicloud with single-data-center performance, sustaining the highest level of Oracle Database performance, scale and availability.
- **Access to all the best features**
Oracle Database@Azure combines two best-of-breed clouds, enabling clients to leverage key services from each.
- **Cloud-native, low-latency experience**
Oracle Database@Azure provides Oracle Database services physically hosted in Azure data centers with an Azure-native customer experience and ultra-low latency between Azure services and Oracle Database services.
- **Increased efficiency**
Oracle Database@Azure improves the efficiency of building and running cloud-native apps with Oracle Database.
- **Easy licensing**
Oracle Database@Azure may be purchased through Azure Marketplace using clients’ existing Azure agreements. Azure customers can leverage their Microsoft Azure Consumption Commitment (MACC) toward this solution.
- **Simplified support**
The collaborative support model maintained by Oracle and Microsoft assures that clients have the backing of both organizations. Clients can simplify operations by managing and monitoring both Oracle Database services and Azure Cloud Services from a single console.

Cloud modernization made easy

As an authorized systems integrator for both Oracle and Microsoft, Cognizant can help clients quickly and seamlessly achieve cloud modernization. An Oracle Cloud Solutions Provider Expertise (CSPE) partner and a certified Microsoft partner, Cognizant is uniquely positioned to help enterprises achieve cloud modernization — and implement and manage Oracle Database@Azure. Clients worldwide rely on Cognizant for help in optimizing existing cloud strategies and formulating new ones, as well as migrating workloads to the cloud.

Cognizant is an end-to-end OCI cloud service provider, offering multiple services designed to help clients quickly achieve cloud modernization success, including:



CloudFit assessment services

CloudFit helps define enterprise cloud architecture and capacity for maximum performance and resiliency. The CloudFit team analyzes your organization's cloud readiness and formulates a cloud migration roadmap for single cloud, multicloud or hybrid cloud.



OCI managed services

Cloud transformation is not a one-and-done process. Cognizant's OCI managed services provides continuous evaluation of cloud applications and processes, with expert advisors offering recommendations and services as needed.



OCI transformation services

These services provide guidance and assistance in architecting and deploying an OCI infrastructure, helping clients harness the full potential of OCI, including Oracle Database@Azure.



Accelerated cloud migration

Cognizant offers a Comprehensive Cloud Transformation Framework that enables a seamless migration to an OCI platform.



Automation solutions

Cognizant's One Click Cloud Accelerator Suite streamlines workloads in migration and automation, enabling 25% saving in effort.

Cognizant's OCI services help companies advance their cloud adoption journey, drive innovation, increase operational efficiency and improve value realization from the cloud. These services offer the agility and reliability enterprises need to adapt and scale in the digital age.

The power of the Cognizant and Oracle partnership

The close alliance between Cognizant and Oracle is evident:

Oracle has named Cognizant one of its top **9 global strategic partners**.

Cognizant has one of the **highest OCI certification rates** globally across Oracle partners.

Cognizant is among the **top 5 organizations in the world** with the highest number of Oracle Cloud certifications.

85% of Cognizant's consultants are Oracle Cloud certified.

Oracle, Microsoft and Cognizant: The team for assuring the success of your cloud modernization initiatives

Whether you're at the very beginning of your cloud migration or well along in the process, cloud modernization is a long road. It's a journey that you don't want to navigate alone — but you don't have to. OCI and Azure provide one of the best and easiest multicloud experiences in the industry through the offering of Oracle Database@Azure. And Cognizant provides the expertise and guidance that assures the success of your journey to cloud modernization, making the process seamless and painless.

A global financial services company is experiencing the transformative power of Cognizant and Oracle Database@Azure as it migrates more than 450 applications to the cloud to leverage best-in-class cloud features while maintaining security, compliance and performance. Oracle Database@Azure will enable

the company to deploy its Azure services with its fully managed Oracle Database services all within a single data center, gaining the simplicity, security and low latency of a single operating environment within Azure. With a long-standing client relationship and deep knowledge of the client's infrastructure, Cognizant partnered with Oracle to provide a solution that would help the institution provide fast, reliable and secure cloud-based capabilities to its customer base.

The future is in the cloud — specifically multicloud. And Cognizant can help you successfully make the journey to your cloud-based future. Learn more about [Cognizant's OCI services](#).

Contact us at OSP_Marketing@cognizant.com for a quick consult to explore how Cognizant might assist you with cloud migration and modernization.

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About Oracle

Oracle offers integrated suites of applications plus secure, autonomous infrastructure in the Oracle Cloud. For more information about Oracle (NYSE: ORCL), please visit us at www.oracle.com.



About Cognizant

Cognizant (Nasdaq-100: CTSH) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. Our unique industry-based, consultative approach helps clients envision, build and run more innovative and efficient businesses. Headquartered in the U.S., Cognizant is ranked 185 on the Fortune 500 and is consistently listed among the most admired companies in the world. Learn how Cognizant helps clients lead with digital at www.cognizant.com or follow us @Cognizant.

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