



## **THE NSIGHT ADVANTAGE**

Successful Migration of On-premise  
**ORACLE EBS** to **ORACLE CLOUD**

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## INTRODUCTION

Cloud computing equips enterprises with business agility, high efficiency, scalability, and availability – as well as significant cost reductions and support for business growth. Oracle Cloud, one of the foremost platforms on the market today, offers the best of elastic computing resources, which is why more and more businesses are deciding to migrate to it.

Enterprises stand to gain a lot from deploying solutions on Oracle Cloud; they gain access to Oracle's entire technology stack in the cloud, just as they do from on-premises deployments. Oracle has also made the process more convenient. Previously, Oracle E-Business Suite (EBS) could only be run on the Oracle technology stack on premises, but now Oracle has expanded their deployment model to incorporate running EBS on the same stack, but in the Oracle cloud.

Typically, Oracle E-Business Suite customers choose to run their applications on premises or in a private cloud. So if you're the same, you would want to know how migrating to Oracle Cloud can offer value for your business. Oracle's answer is to continue giving you a choice – a choice that enables you to make decisions about product adoption and deployment, on your own terms and on your own timeline.

This white paper explains how you can leverage Oracle's Infrastructure-as-a-Service (IaaS) and Platform-as-a-Service (PaaS) capabilities to support growth, enhance business agility, and reduce costs and risks.



## ORACLE CLOUD OFFERINGS FOR EBS CUSTOMERS

Oracle's cloud strategy harnesses the best of technology to provide top-of-the-tier infrastructure, applications, and information to businesses all over the world.

To help you take advantage of Oracle's cloud offerings and design a hybrid solution for your enterprise, Oracle's comprehensive cloud platform offers three major components:

- ✓ Software-as-a-Service (SaaS)
- ✓ Platform-as-a-Service (PaaS)
- ✓ Infrastructure-as-a-Service (IaaS)



### SaaS

Software as a Service

EIM  
Incidents  
EHS  
Tasks  
Waste

**USE IT**



### PaaS

Platform as a Service

App Development  
Messaging  
Dashboards  
Integration

**BUILD WITH IT**



### IaaS

Infrastructure as a Service

Networking  
Security  
System Management  
Scalability

**MOVE TO IT**

Of these three components, Infrastructure-as-a-Service (IaaS) and Platform-as-a-Service (PaaS) provide the most significant benefits, as they are some of the most significant building blocks for running Oracle E-Business Suite on Oracle Cloud.

## WHAT IS E-BUSINESS SUITE ON ORACLE CLOUD?

You can think of running Oracle E-Business Suite on Oracle Cloud as running the same EBS applications that you run on premises in your data center today.

The main choices are:

- **Infrastructure:** As part of IaaS, Oracle Compute Cloud Service provides a highly scalable, competitively priced compute capacity that you can use to host your application tier, and optionally, your database tier.
- **Infrastructure + Database:** The Database Cloud Service part of PaaS can be used to run your database tier, enabling you to provision your chosen database configuration quickly and easily.
- **Infrastructure + Database + Application Management:** You can get assistance with Oracle E-Business Suite applications and database management by deploying managed services on top of the infrastructure and platform services:
  - ✓ Oracle Managed Cloud Services (OMCS) manages your Oracle E-Business Suite environment on Oracle Cloud. The complete lifecycle management provided by this service includes patching, cloning, and regular technical and functional updates, along with an industry-leading SLA on application availability.
  - ✓ Alternatively, you can choose a partner to run your applications and perform routine applications DBA tasks, as well as developing and maintaining your customizations and integrations where applicable.

## WHY RUN E-BUSINESS SUITE ON ORACLE CLOUD?

The top benefits of cloud computing, as often touted in the marketplace, are:



Support for growth

- Global expansion
- New market entry
- Mergers & Acquisitions



Enable Business Agility

- Stay current with E-Business Suite Innovation
- Expand your EBS Footprint more easily
- Adopt SaaS Apps with Cloud-to-Cloud Integrations

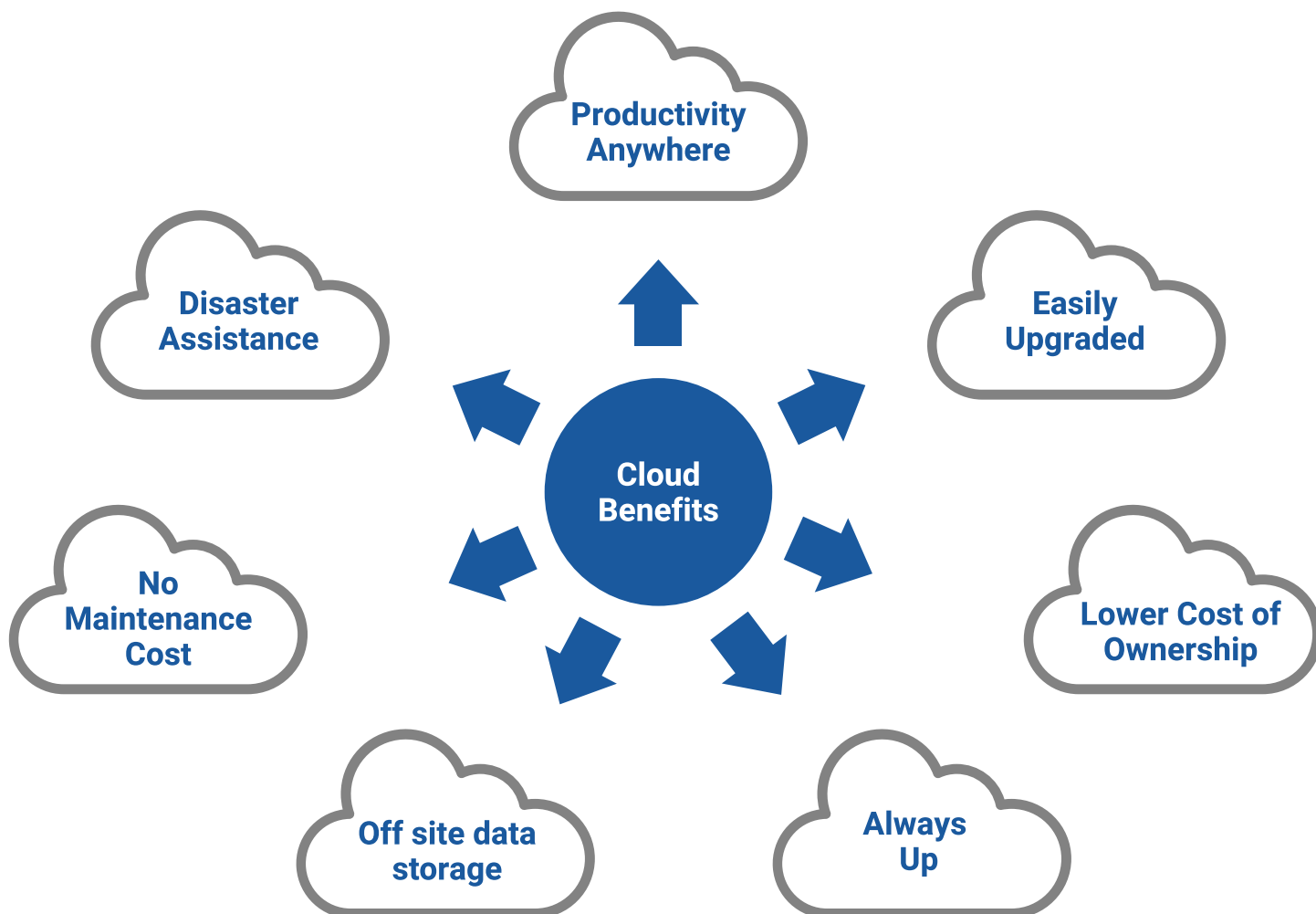


Lower Costs and Risk

- Quick and easy procurement for new capacity
- Cost effectiveness applications management
- Fewer operational issues

## ADVANTAGES OF CLOUD MIGRATION

We used the Lift and Shift Model to move our customer On-Premise EBS 12.1.3 to OCI (Oracle Cloud Infrastructure), as illustrated by these high-level steps below.

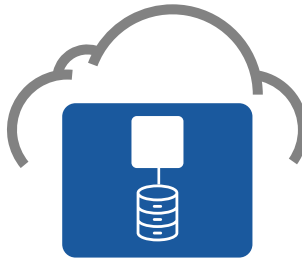


## DEPLOYMENT CHOICES FOR RUNNING ORACLE E-BUSINESS SUITE ON ORACLE CLOUD

When you subscribe to Oracle's Infrastructure-as-a-Service (IaaS), you have access to all the compute, storage, and network services associated with it to use as you wish. If necessary, you can also subscribe to the Oracle Database Cloud Service (DBCS) or Exadata Cloud Service and take advantage of the specific features and capabilities of these offerings.

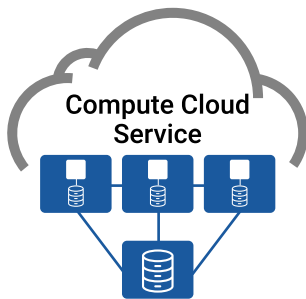
You can choose the most suitable deployment option for your business needs as shown below:

### Option A Single Node on IaaS



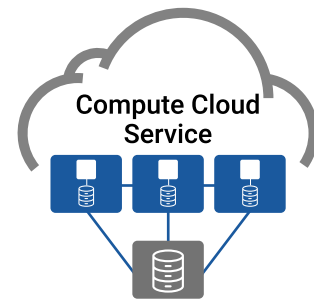
Compute Cloud  
Service

### Option B Multiple Node on IaaS



Compute Cloud  
Service

### Option C IaaS + Database Cloud Service



Compute Cloud  
Service

Database  
Cloud Service

# ORACLE CLOUD DEPLOYMENT PROCESSES

Various methods for Oracle Cloud deployment:

- ✓ Quick Provisioning
- ✓ Lift and Shift
- ✓ Development Tools
- ✓ Hybrid Environment Management

## Quick Provisioning

In the cloud world, the term provisioning refers to the allocation of cloud resources, including CPU, storage, and networking, to meet a specific need. For Oracle E-Business Suite, provisioning means the allocation of Oracle Compute Cloud Service resources to deploy a new Oracle E-Business Suite environment.

## Lift and Shift

Lift and Shift is a common term in the cloud industry; for the Oracle E-Business Suite, it means to copy (or clone) an on-premises environment to Oracle Cloud.

The cloud copy can be used for testing or development, and — when you are ready — as part of a permanent migration of your production environment to the cloud.

The Lift and Shift process is supported for:

- ✓ Oracle E-Business Suite Release 12.2.3 and higher
- ✓ Oracle E-Business Suite Release 12.1.3

## Development Tools

There are two main technologies available for customizing or extending the Oracle E-Business Suite user interface:

- **Oracle Application Framework (OA Framework)**

A preferred technology, OA Framework continues to be refined and enhanced. We recommend that you develop all new customizations in OA Framework.

- **Oracle Forms**

Oracle Forms is primarily intended for the maintenance of existing forms. The Oracle E-Business Suite Tools image, available from the Oracle Cloud Marketplace, can be used to provision an Oracle E-Business Suite development environment in the Oracle Compute Cloud Service. This environment is then available for creating and managing customizations.

These tools are supported for:

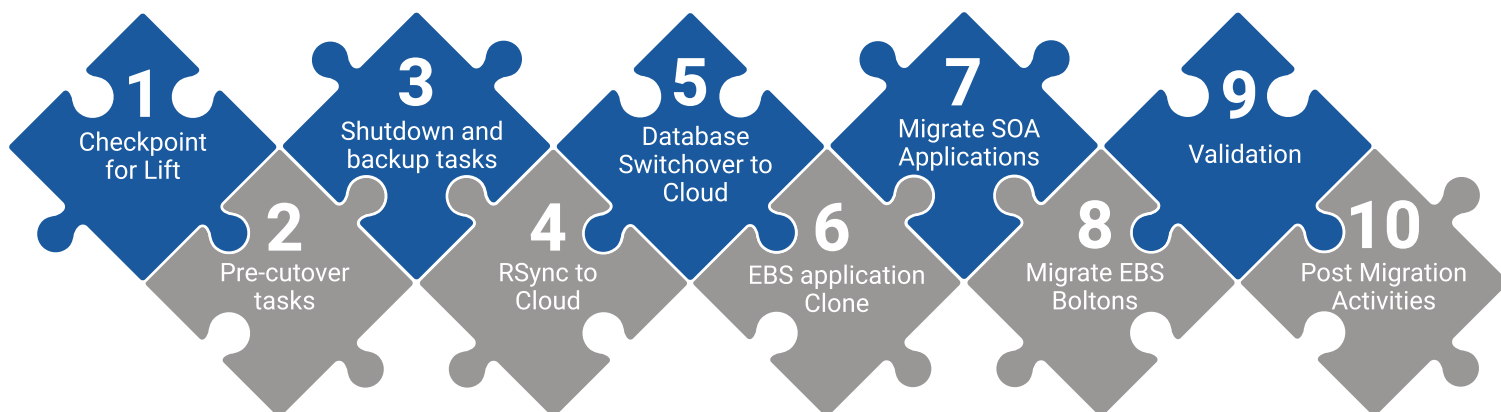
- ✓ Oracle E-Business Suite Release 12.2.3 and higher
- ✓ Oracle E-Business Suite Release 12.1.3

## Hybrid Environment Management

Hybrid cloud management refers to the process of managing all your cloud and on-premises environments from a central location. Application Management Suite for Oracle E-Business Suite (AMS) leverages Enterprise Manager to provide a central console (a “single pane of glass”) that you can use to manage and monitor your Oracle E-Business Suite environments.

## OUR BEST PRACTICES - HOW WE MIGRATED OUR EBS 12.1.3 CUSTOMER TO OCI

We used the Lift and Shift Model to move one of our customers On-Premise EBS 12.1.3 to OCI (Oracle Cloud Infrastructure), as illustrated by these high-level best practices below.



Discover how we enabled database migration for one of our clients to Oracle Cloud seamlessly with zero downtime. Also read how the new unified platform helps manage the organization’s IT Infrastructure efficiently.

[READ OUR CASE STUDY](#)

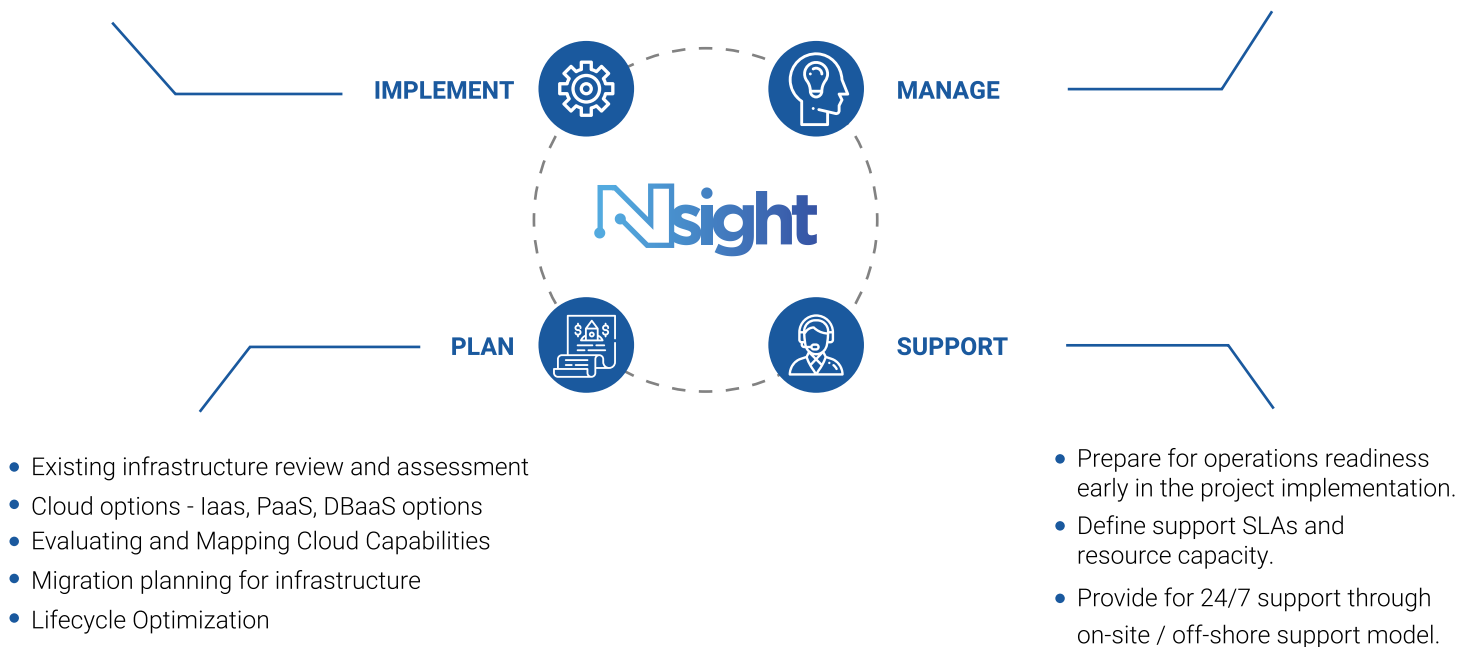
## WHY NSIGHT

At Nsight, we follow a four-step process to a successful migration of Oracle EBS to Cloud:

- ✓ Plan
- ✓ Implement
- ✓ Manage
- ✓ Support

- Develop a solution
- Configure Cloud Infrastructure and Database
- Migration to cloud
- Lifecycle orchestration

- Continuous Monitoring
- Optimization Cloud Infrastructure
- Hybrid Environment Monitoring
- Proactive / Reactive Measures



## ABOUT NSIGHT

Nsight helps organizations orchestrate their digital transformation around business solutions in Customer Engagement, User Experience, ERP, IoT, Analytics, Security, and AI & ML. Our strong partnerships with SAP®, Oracle®, AWS®, Salesforce®, and Microsoft® help us stay up-to-speed with the most recent innovations and technologies and provide a wide spectrum of system integration services.

In today's digital age, we are the perfect partner you can count on to recognize the digital and real-life challenges of your industry. We help you streamline every aspect of your business to give you competitive advantage. We support organizations of all sizes and deliver turnkey projects in crunch timelines. We discover, design, deliver, manage, and continuously enrich business solutions so our clients can meet their customer's changing requirements. We offer Managed Services Packages, where we provide all relevant services and support solutions under one umbrella with our proven Global Delivery Model.

Our experts bring deep industry experience, and we understand your industry, your market, and the technologies that can solve your current pain points and future needs. And we bring together our proficiency with bespoke regional proximity, global competencies, and our trusted principles - constantly finding the right balance for each individual client.

By incorporating our best practices to ensure uncompromised quality and lower TCO with flexible engagement models, we have been successfully transforming businesses across the world for over 15 years.

## CONTACT US TODAY



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