Oracle Migration Service for Applications

A critical success factor of the transition to modern Oracle technology can be the migration of legacy hardware, databases, and applications. Oracle Advanced Customer Support (ACS) can migrate your Oracle products and packaged applications to the latest Oracle technology efficiently.

Efficient Migrations of Packaged Applications

ACS can help you to take advantage of the value of modern Oracle technology with less risk and faster results.

With more than twenty years of migration experience, ACS has the skills, delivery tools, proven methodologies and practices to deliver successful migrations of Oracle products.

Oracle Migration Service can reduce the risk of a migration. It allows you to use Oracle software more effectively and efficiently by providing:

- Migration of development, test, and production environments
- Experienced engineers to perform the migration
- Support and knowledge transfer for a successful deployment

ACS is delivering migration services for packaged applications including application workloads, databases, virtualized workloads, infrastructure platforms and data. ACS is with you every step of the way through all phases of your migration from pre-migration analysis optimization, validation and migration testing, to cutover. The migration is coordinated and supervised by an Oracle Technical Account Manager from start to finish.

Oracle Migration Service is available for the following types of packaged applications migrations:

- Java migration
- Oracle E-Business Suite migration
- PeopleSoft migration
- Siebel Customer Relationship Management (CRM)
- JD Edwards EnterpriseOne
- Virtualized workload migration: VMware / Kernel Virtual Machine (KVM)

Migrations of Oracle E-Business Suite, PeopleSoft, Siebel CRM and JD Edwards EnterpriseOne include migration of one Oracle Database of up to 2TB. Larger or additional databases can be addressed with Oracle Migration Service for Databases.
**Recommended Services**

- Oracle Migration Service
- Oracle Servers and Storage
- Oracle Database
- Oracle Workload Planning and Design
- Oracle Advanced Support Knowledge Workshop
- Oracle Cloud Priority Support
- Oracle Data Transfer Service

**Migration of Java**

**Service Scope**

- Migration of any Java Enterprise Edition (JEE) compliant archive deployments (Oracle WebLogic, WebSphere, JBoss, Tomcat, etc.)
- Mapping of deployment descriptors to Oracle WebLogic server specific deployment descriptors
- Support migration across platforms
- Configuration of Java Cloud Service (JCS) instance equivalent to on-premises domain (including Oracle WebLogic, Coherence and Object Type Definition - OTD)

**Key Benefits**

- Optimal migration with as little downtime as possible
- Safe migration through resilience features and testing

**Service Components**

<table>
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<th>Pre-migration Analysis</th>
<th>Rapid analysis of source environment and application</th>
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<td>Creation of domain migration and application migration plan</td>
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<td>Addressing common compatibility issues prior to migration</td>
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<td>Process driven workflow</td>
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<td></td>
<td>Java Cloud whitelist tool utilized for validation</td>
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</table>
## Migration of Oracle E-Business Suite

| Service Scope | • EBS version 12.1.3 or 12.2.3 or higher  
|              | • Migration of DMZ, multiple AppTiers, Single Sign On, SSL, printer integration, and more  
|              | • Support of migration of Linux and Solaris platforms  
|              | • Migration strategy including backup / backout and switchover  
|              | • Includes migration of one Oracle Database of up to 2TB  
| Key Benefits | • Transition planning  
|             | • Seamless migration of Oracle E-Business Suite applications  
|             | • Optimal migration with lowest possible downtime  

### Service Components

| Pre-migration Analysis | • Identification of patch and release levels  
|                       | • Identification of on-premises architecture (single sign on, load balancing, etc.)  
|                       | • Identification of on-premises integration based on customer information (DMZ, email integration, printer integration, etc.)  
|                       | • Identification of software to be migrated  
| Migration Plan | • Creation of migration scope and execution plan and, if needed, tailored scripts  
|                | • Configurable migration approach by Oracle Advanced Support Engineers  
| Migration Execution Validation | • Adjustments of migration tooling for optimal performance if needed  
|                                | • Validation of migrated software  
|                                | • Technical validation of migrated environment  
|                                | • Technical validation of migrated integrations  
|                                | • Technical validation of migrated architecture (load balancing validation, concurrent manager validation, etc.)  
| Unique Tools and Automation | • Process driven workflow  

## Migration of Oracle PeopleSoft

| Service Scope | • PeopleTools version 8.5x or higher  
|              | • Migration of DMZ, mid-tier, Single Sign On, SSL, printer integration, and more  
|              | • Support of migration of Linux and Solaris platforms  
|              | • Support of Microsoft Windows-based Process Schedulers and Application Designer on Oracle Cloud  
|              | • Migration strategy including backup / backout and switchover  
|              | • Includes migration of one Oracle Database of up to 2TB  
| Key Benefits | • Transition planning  
|             | • Seamless migration of Oracle PeopleSoft applications  
|             | • Optimal migration with lowest possible downtime  

## Service Components

### Pre-migration Analysis
- Identification of patch and release levels
- Identification of on-premises architecture (Database Server, Apps Servers, Web Servers, Tuxedo, Process Scheduler, SSO, load balancing, etc.)
- Identification of on-premises integration based on customer information (DMZ, email integration, printer integration, integration broker, etc.)
- Identification of software to be migrated

### Migration Plan
- Creation of migration scope and execution plan and, if needed, tailored scripts
- Configurable migration approach by Oracle Advanced Support Engineers

### Migration Execution
- Adjustments of migration tooling for optimal performance if needed
- Validation of migrated software
- Technical validation of migrated environment
- Technical validation of migrated integrations
- Technical validation of migrated architecture (load balancing validation, Process Scheduler validation, etc.)

### Unique Tools and Automation
- Process driven workflow
- Clear set of milestones and deliverables

## Migration of Oracle Siebel CRM

### Service Scope
- Certified version of Siebel CRM environment with the required minimum patch levels
- Migration of DMZ, Application Tier Siebel Native Load Balance, Mobile Web Client, Single Sign On, SSL, and more
- Support of migration of Linux and Solaris platforms
- Migration strategy including backup / backout and switchover
- Includes migration of one Oracle Database of up to 2TB

### Key Benefits
- Transition planning
- Seamless migration of Oracle Siebel CRM applications
- Optimal migration with lowest possible downtime

## Service Components

### Pre-migration Analysis
- Identification of patch and release levels
- Identification of on-premises architecture (Database Server, Siebel Web Server, Web Server, Siebel Server, SSO, load balancing, etc.)
- Identification of software to be migrated

### Migration Plan
- Creation of migration scope and execution plan and, if needed, tailored scripts
- Configurable migration approach by Oracle Advanced Support Engineers

### Migration Execution
- Adjustments of migration tooling for optimal performance if needed

### Validation
- Validation of migrated software
- Technical validation of migrated environment
- Technical validation of migrated architecture

### Unique Tools and Automation
- Process driven workflow
- Clear set of milestones and deliverables
## Migration of Oracle JD Edwards EnterpriseOne

### Service Scope

- Certified configuration of JD Edwards EnterpriseOne version 9.1x or higher
- Lower versions than v9.1x using a virtualized image
- Conversion of non-Oracle databases to Oracle databases
- Migration/Setup of Enterprise Server Clustering, Public Internet Access, LDAP or Single Sign On, SSL, and more
- Support of migration of Linux OS, Solaris OS, or Windows OS w/Oracle platforms
- Migration strategy including backup / back-out and switchover
- Includes migration of one Oracle Database of up to 2TB

### Key Benefits

- Transition planning
- Seamless migration of JD Edwards EnterpriseOne applications
- Optimal migration with lowest possible downtime

### Service Components

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<tr>
<th>Service Components</th>
<th>Description</th>
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<tr>
<td>Pre-migration Analysis</td>
<td>Identification of patch and release levels&lt;br&gt;Identification of on-premises architecture (Database Server, Enterprise Server, Enterprise Server Instances, Developer Clients, SSO, load balancing, etc.)&lt;br&gt;Identification of software to be migrated</td>
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Migration of Virtual Machines (VMware/KVM workloads) with Oracle Ravello Cloud Service

Service Scope
- Migration of VMware or Kernel-based Virtual Machine (KVM) workloads with complex networking on cloud environment without any changes (lift & shift)
- Deployment of complex multi-Virtual Machine application environments to the Oracle Cloud environment
- Running Virtual Networking labs
- Creation of blueprints and re-use of application configuration

Key Benefits
- Accelerating customer adoption from competitive platforms to a modern Oracle Cloud platform
- Cost efficiency: If you are using VMware ESX/ESXi bare metal hypervisor, and KVM - Linux hypervisor, you will no longer need to invest in VMware licensing
- Reduction of migration time, and mitigation of process related errors

Service Components

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<tbody>
<tr>
<td>Identification of subscriptions, users and roles, access control</td>
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<tr>
<td>Network and security review in order to understand your security constraints</td>
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<td>Test and deployment planning</td>
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<tr>
<td>Creation of migration scope and execution plan</td>
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<td>Discovery of VMware/KVM applications</td>
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<td>Basic validation test and demo</td>
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<th>Migration Execution</th>
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<tr>
<td>Environment readiness: Images upload and review, blueprint, canvas, network review, load balancing configuration</td>
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<tr>
<td>Migration test and proof of concept: test migration of one targeted environment with user and business test</td>
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<tr>
<td>Workload migration: Live migration of VMware instances on Oracle Ravello Cloud Service</td>
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<tr>
<td>Validation test: Access, operation and monitoring, network and security</td>
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<tr>
<td>Post migration validation test: Application and data, users and roles, connectivity and networking, customer operational procedure</td>
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<td>Rich reporting and logging throughout all phases of migration</td>
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CONTACT US
For more information about Oracle Migration Service for Applications, visit oracle.com/acs, email us at acs_ww@oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

Integrated Cloud Applications & Platform Services

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