

# Oracle E-Business Suite on AWS by Cintra

Run Oracle E-Business Suite (EBS) optimally on AWS using either OracleDatabase@AWS (managed) or Oracle on EC2 (self-managed). Cintra combines 20+ years of Oracle database and application experience with deep AWS cloud expertise to deliver a seamless, low-risk migration path, from assessment and migration through upgrades and 24x7 managed services.

- 20+ years architecting mission-critical Oracle workloads
- Specialists in OracleDatabase@AWS and Oracle on EC2
- End-to-end: assessment, migration, upgrades, and managed services
- Licensing & Oracle Support Rewards optimization built into every engagement

Cintra helps you retain your highly customized EBS applications while modernizing the underlying infrastructure and operations on AWS. Whether you choose OracleDatabase@AWS for a fully managed database experience or Oracle on EC2 for full control, we design and deliver a platform that improves performance, resilience, and predictability of operating costs.

Our teams cover the full lifecycle: Assessment, Migration, Upgrade, and Managed Services, ensuring EBS, database, and middleware layers all move together with minimal disruption, and are optimized for AWS security, networking, HA/DR, and automation.

## Why Cintra for Oracle E-Business Suite on AWS?

- 20+ years architecting mission-critical Oracle workloads.
- Proven methodology for EBS + database + middleware migration and upgrades.
- Deep AWS expertise across security, networking, HA/DR, and automation.
- Specialists in both OracleDatabase@AWS and Oracle on EC2.
- Licensing and Oracle Support Rewards optimization embedded in every engagement.
- Recognized authority in Oracle performance tuning, cloud optimization, and cloud readiness.

## Oracle EBS Optimization & License Assessment

A structured, zero-risk, funded assessment that identifies the optimal AWS deployment model and delivers a clear migration business case.

We perform a deep scan of your EBS, database, and middleware landscape, assess performance, security, and licensing, and recommend the right target, OracleDatabase@AWS or Oracle on EC2, along with a TCO model and roadmap.

## WHAT WE DO:

### EBS Functional & Technical Scan

- Review modules, customizations, integrations, workflows, and localizations.

### Database, Middleware & EBS Application Discovery

- Database sizing and custom schemas.
- Fusion Middleware and concurrent processing configuration.

### Target Platform Recommendation

- OracleDatabase@AWS (fully managed database).
- Oracle on AWS EC2 (self-managed database).

### Performance & Scalability Analysis

- Workload profiling and I/O patterns.
- Peak batch windows analysis.
- CPU autoscaling optimization scenarios for OracleDatabase@AWS.

### Security & Compliance Review

- IAM, KMS, encryption, and segmentation review.

### Licensing Optimization

- BYOL strategies.
- Consolidation and Oracle Support Rewards optimization.

### Migration Plan & TCO Model

- High-level migration plan and financial comparison to current state.

## DELIVERABLES:

- AWS Target Architecture Blueprint.
- Platform Recommendation (EC2 vs OracleDatabase@AWS).
- Migration Readiness & Modernization Scorecard.
- Full Financial Model and Business Case for moving EBS to AWS.
- IAM, KMS, encryption, and segmentation review.

## EBS Migration to AWS

Cintra delivers predictable, low-risk migrations using automated frameworks that support both database paths: OracleDatabase@AWS and Oracle on EC2.

### **MIGRATION TO ORACLEDATABASE@AWS:**

- Provisioning of OracleDatabase@AWS compute, storage, and networking.
- Zero-risk database migration using RMAN, Transportable Tablespaces (TTS), Data Guard, or GoldenGate.
- Integration with AWS native services such as CloudWatch, Backup, and GuardDuty.
- Performance tuning and validation of the new platform.
- High availability via multi-AZ deployment patterns.

### **MIGRATION TO ORACLE ON AWS EC2**

- EC2 provisioning, OS hardening, and storage layout optimization.
- Database replatforming or lift-and-shift migration.
- Standby/Data Guard configuration for HA/DR.
- Backup automation using AWS Backup, Amazon S3, or RMAN Cloud.

### **APPLICATION TIER MIGRATION TO EC2 (COMMON TO BOTH OPTIONS)**

- Rebuild of the EBS application tier on EC2.
- Optimization of WebLogic, Forms, and concurrent processing.
- Load balancer configuration (ALB/NLB) for scalability and resilience.
- Integration endpoint updates (SOA, APIs, file transfers).
- End-to-end testing, UAT, and cutover management.

## EBS Upgrades & Modernization

Cintra accelerates modernization as part of, or alongside, your migration to AWS, so you don't just move EBS, you improve it.

### **UPGRADE SERVICES:**

- Upgrade to EBS R12.2.x
- Version uplift for WebLogic, Forms & Reports, and other Fusion Middleware products.
- Custom code remediation to align with Oracle standards and cloud-ready patterns.

### **MODERNIZATION OPTIONS:**

- Offload BI and reporting to AWS services (Redshift, Athena, QuickSight).
- Introduce automation for patching, cloning, and backups.
- Re-platform legacy customizations onto cloud-native AWS services.
- Integrate EBS with SaaS ERP modules or analytics platforms.

## Cintra Managed Services for EBS on AWS

A unified Oracle + AWS operational support model for both EC2-based databases and OracleDatabase@AWS. Cintra becomes your single accountable partner for EBS and AWS, 24x7.

### WHAT WE MANAGE:

- 24x7 monitoring and incident response.
- Database administration.
- OracleDatabase@AWS: tuning, patching, secure configuration.
- EC2: full DB administration, RMAN, Data Guard, backup/restore.
- Application tier management (WebLogic, Forms, Concurrent Processing).
- AWS operational management: EC2, storage, autoscaling, VPC, CloudWatch, GuardDuty.
- Monthly patching and compliance activities.
- DR readiness and cross-region failover.
- SLA-based service delivery aligned to your business needs.

### CUSTOMER OUTCOMES:

- Improved performance for batch, reporting, and month-end runs.
- Increased reliability through AWS multi-AZ and DR architectures.
- Predictable operating expenses and lower cost of ownership.
- A single accountable partner for EBS + AWS operations.

## Key Benefits for Customers

- Retain highly invested and customized EBS applications while modernizing infrastructure.
- Choose your preferred database model: fully managed (OracleDatabase@AWS) or self-managed (EC2).
- Accelerate AWS adoption with minimal business disruption.
- Improve performance and reliability for mission-critical workloads.
- Reduce operational costs through automation and AWS efficiencies.
- Future-proof your EBS estate with integration paths into AWS analytics and cloud-native services.

## Engagement Models

Choose the engagement model that aligns with where you are on your EBS modernization journey:

### Fixed-price AWS Cloud Assessment

- EBS Optimization & License Assessment; Target architecture, platform recommendation, and full business case.

### Phase-based Migration Delivery

- Structured migration phases for database and application tiers; Controlled cutovers with comprehensive testing and validation.

### EBS Upgrade & Modernization Packages

- Pre-defined upgrade and modernization offerings (e.g. to R12.2.x); Options to integrate reporting, analytics, and automation.

### 24x7 Managed Services Subscription

- Ongoing Oracle + AWS operations, tuning, and DR readiness; SLA-backed service with predictable monthly costs.