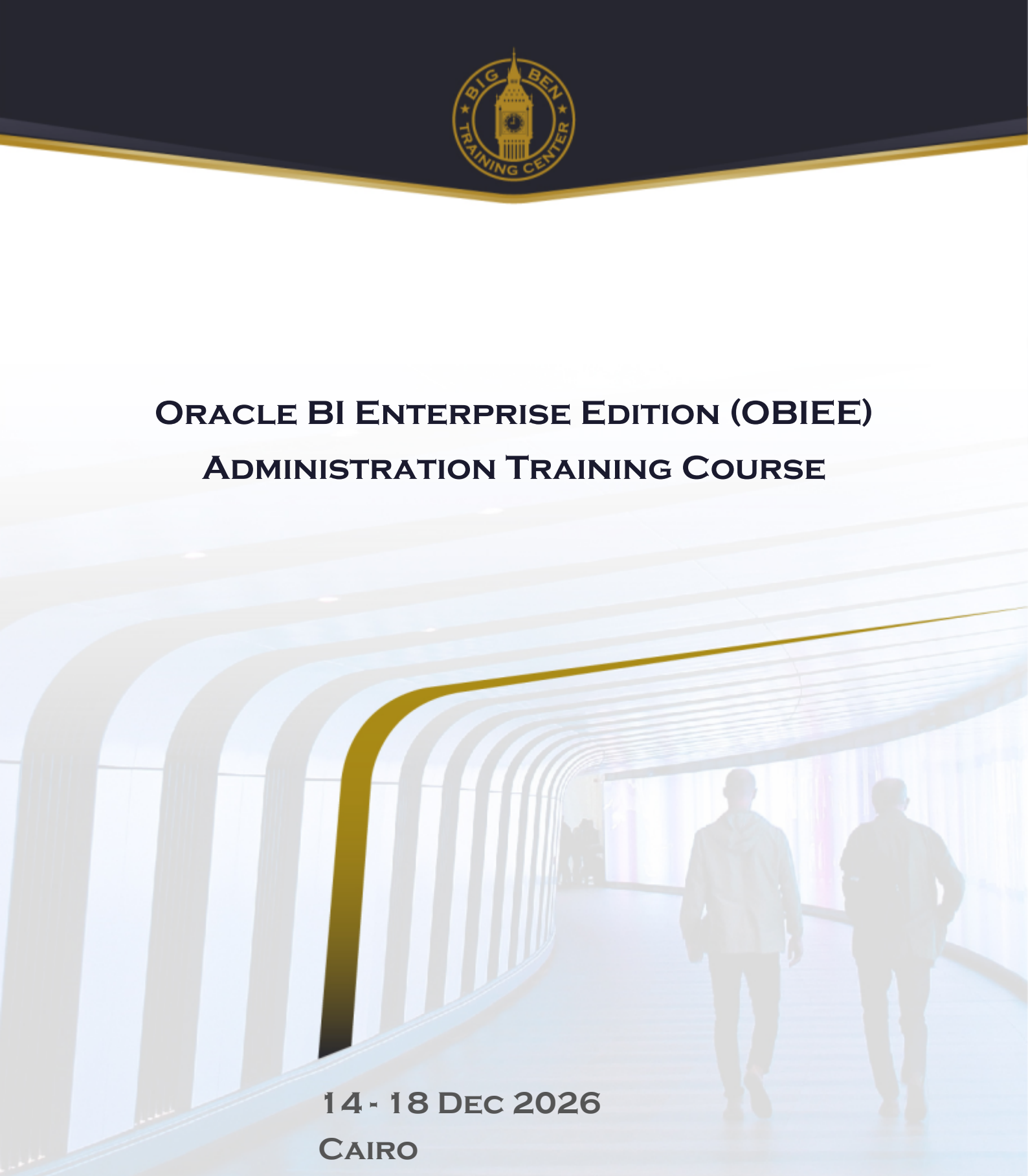
Oracle BI Enterprise Edition (OBIEE) Administration Training Course



14 - 18 Dec 2026

Cairo

3700 € (Per Person)

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Course Introduction / Overview:

This comprehensive course provides an in-depth exploration of Oracle Business Intelligence Enterprise Edition (OBIEE) administration, designed to equip participants with the skills needed to manage, secure, and optimize a robust BI environment. Moving beyond basic report creation, this program delves into the core architectural components, system management, and performance tuning strategies that are critical for enterprise-level deployments. As highlighted by data warehousing pioneer Ralph Kimball in his seminal work, "The Data Warehouse Toolkit," a well-architected BI platform is the foundation for delivering actionable insights. This training operationalizes that concept, guiding participants through the entire lifecycle of OBIEE administration, from initial installation and configuration to advanced security implementation and repository development. At BIG BEN Training Center, we ensure a practical learning journey, focusing on real-world challenges and best practices. Participants will master the intricacies of the BI repository (RPD), learn to implement granular security models, and develop strategies for maintaining system health and performance, ensuring their organization can fully leverage its data assets for strategic decision-making.

Target Audience / This training course is suitable for:

- Business Intelligence Administrators.
- System Administrators and IT Managers.
- Database Administrators (DBAs).
- BI Developers and Technical Consultants.
- Data Warehouse Professionals.
- IT professionals responsible for OBIEE maintenance and support.
- Aspiring BI system administrators.

Target Sectors and Industries:

- Finance and Banking.
- Healthcare and Life Sciences.
- Retail and Consumer Goods.
- Telecommunications and Media.
- Manufacturing and Supply Chain.
- Government and Public Sector Agencies.
- Energy and Utilities.
- Technology and Software Services.

Target Organizations Departments:

- Information Technology (IT).
- Business Intelligence and Analytics.
- Data Management and Warehousing.
- Finance and Accounting.
- Operations and Logistics.
- Strategic Planning and Corporate Performance Management.
- Enterprise Architecture.

Course Offerings:

By the end of this course, the participants will have able to:

- Install, configure, and manage the complete OBIEE 12c environment.
- Build and maintain the three layers of the Oracle BI Repository (RPD).
- Implement a robust and granular security model using application roles and policies.
- Configure and manage OBIEE caching strategies to optimize query performance.
- Monitor system activity and troubleshoot common performance bottlenecks.
- Perform backup, recovery, and migration of OBIEE components.
- Manage the OBIEE Web Catalog, including permissions and object management.
- Configure and schedule automated reports and alerts using agents.
- Integrate OBIEE with external authentication providers like LDAP.
- Apply best practices for system maintenance and lifecycle management.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, practical, and highly interactive, ensuring participants gain tangible skills they can apply immediately. We believe that effective learning in a technical domain like OBIEE administration comes from doing, not just listening. Therefore, the course heavily emphasizes hands-on labs and real-world simulations that mirror the challenges administrators face daily. Each theoretical module is followed by practical exercises where participants will install, configure, secure, and troubleshoot an OBIEE environment. Our expert instructors facilitate a collaborative learning atmosphere, encouraging group discussions and knowledge sharing. Case studies derived from various industries will be analyzed to demonstrate how to solve complex administrative problems and optimize BI systems for specific business needs. This blended approach of expert instruction, practical application, peer-to-peer interaction, and continuous feedback ensures a comprehensive understanding of both the "how" and the "why" behind effective OBIEE administration, fostering deep-seated competence and confidence.

Course Agenda (Course Units):

Unit One: OBIEE Architecture and Installation

- Introduction to Oracle Business Intelligence and its capabilities.
- Exploring the OBIEE 12c architecture and system components.
- Understanding system requirements and pre-installation procedures.
- Performing a standard installation of OBIEE 12c.
- Conducting post-installation validation and initial configuration.
- Navigating the Fusion Middleware Control and WebLogic Server Console.
- Mastering the process of starting and stopping OBIEE services.

Unit Two: Building and Managing the BI Repository (RPD)

- An overview of the Oracle BI Administration Tool.
- Creating a new repository and importing metadata from data sources.
- Building the Physical Layer and configuring connection pools.
- Designing the Business Model and Mapping (BMM) Layer.
- Creating logical tables, complex joins, and derived measures.
- Constructing the Presentation Layer with subject areas for end-users.
- Validating repository consistency and managing repository files.

Unit Three: Implementing OBIEE Security

- Understanding the comprehensive OBIEE security architecture.
- Managing users and groups within the embedded WebLogic Server.
- Configuring authentication using the default security store.
- Implementing application roles and defining permissions.
- Setting up object-level security for dashboards and reports.
- Applying data-level security to restrict user access to specific data sets.
- Integrating OBIEE with external identity stores such as LDAP.

Unit Four: Performance Tuning and System Maintenance

- Monitoring system performance using Fusion Middleware Control.
- Understanding and configuring OBIEE caching strategies.
- Enabling and analyzing usage tracking to monitor user activity.
- Identifying and troubleshooting common performance bottlenecks.
- Implementing robust backup and recovery procedures for the OBIEE environment.
- Managing and interpreting OBIEE log files for diagnostics.
- Utilizing command-line utilities for essential administration tasks.

Unit Five: Advanced Administration and Deployment

- Managing the OBIEE Web Catalog and its objects.
- Configuring and managing agents for scheduled content delivery.
- Administering BI Publisher and its integration with OBIEE.
- Understanding concepts of clustering for high availability.
- Migrating OBIEE content between environments using BAR files.
- Applying patches and performing system upgrades.
- Reviewing enterprise deployment best practices and lifecycle management.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

As BI environments scale, how does the role of an OBIEE administrator shift from purely technical management to strategic data governance and enablement?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by focusing on the strategic role of an OBIEE administrator within an enterprise, moving beyond the procedural "how-to" of tool operation. While other courses may concentrate on feature-by-feature demonstrations, our curriculum is built around real-world problem-solving and architectural best practices. We emphasize the "why" behind administrative decisions, such as why a particular caching strategy is optimal for a high-concurrency environment or how to design a security model that is both robust and maintainable. The program integrates concepts of data governance, performance optimization, and lifecycle management into a single, cohesive narrative. Participants do not just learn to manage OBIEE; they learn to architect and maintain a high-performing, secure, and scalable analytics platform that delivers tangible business value. Our hands-on labs are designed as complex scenarios, not simple tasks, forcing participants to think critically and apply their knowledge to solve multifaceted challenges, thereby preparing them for the complexities of a live production environment.