

# ORACLE APPLICATION INTEGRATION ARCHITECTURE IMPLEMENTATION BOOT CAMP

## KEY BENEFITS

- Open, standards-based architecture accelerates time-to-value
- Pre-built, sustainable integrations reduce implementation risk and cost
- Extension framework protects your investment from upgrades
- Documented best practice reference models help you optimize business operations
- Application independent design makes it easy to plug and play new applications, including Fusion Applications

*Many organizations plan to adopt service-oriented architectures (SOA) to achieve more agile and flexible system landscapes. To substantially support them, Oracle offers its own extensive experience with application integration and SOA adoption in the form of Oracle Application Integration Architecture (AIA).*

*Oracle AIA Implementation Boot Camp is a fast pace hands-on workshop which takes deep into AIA foundation pack, a powerful infrastructure to implement strategic SOA-based integrations without the need to reinvent SOA methodologies, common vocabularies, and key infrastructure components.*

## What will we cover

The AIA Implementation Boot Camp is a three-day hands-on workshop, designed for Oracle Partners who are new to AIA. This Boot Camp will focus exclusively on the AIA foundation pack 2.1 and will be a combination of lecture, hands-on exercises and a case study.

This boot camp will:

- Introduce AIA and its components like Enterprise Business Service (EBS) , Enterprise Business Objects (EBO) & Enterprise Business Messages (EBM), Enterprise Business Flows (EBF) & Application Business Connector Service (ABCS) and how they are related
- Enable to design EBO/EBM/EBS and develop ABCS/EBF
- Expose & Elaborate on extensibility to the architecture, versioning, interaction patterns, transactions & error handling
- Provide information about BSR, CAVS Diagnostics and installer
- Provide the strategic direction and future road map of AIA and its relation to fusion middleware and composite application development.

## Who should attend

The AIA foundation Boot Camps are intended for experienced SOA/EAI implementation consultants and possibly presales consultants. Since this is a class that focuses on AIA foundation pack, only Oracle partners' employees with previous SOA Suite experience should attend these Boot Camps.

The current skill set for the expected attendees for this class will be SOA suite

implementation consultants focused on pre-built integration framework. This class will not cover SOA suite.

**Prerequisite training**

Participation in this boot camp requires the participant has basic understanding of SOA, J2EE concepts, Application Servers, and related technologies such as Web Services, SOAP, XML, Databases, as well as at least some experience doing development work in SOA Suite.

Also, participants will receive additional benefit by reviewing prior to attending the boot camp the courses that are mapped into the [Application Integration Architecture Implementation Boot Camp](#) guided learning path.

**Agenda**

This three-day boot camp will cover various aspects of AIA:

<b>Day 1 - AIA Overview and components</b>
• AIA Overview
• AIA Demo
• EBS
• EBS Sample walk thru
• EBO/EBM
• EBO/EBM Sample walk thru
• Lab: EBO/EBM
<b>Day 2 – AIA components</b>
• Lab: EBS
• Extensibility
• Lab: Extensibility
• ABCS
• Lab: ABCS
• EBF
• EBF Sample walk thru
• Lab: EBF
<b>Day 3 - Framework basics</b>
• Versioning
• Interaction Patterns
• Transactions
• BSR
• Error Handling
• CAVS
• Versioning
• CAVS sample walk thru
• Diagnostics
• Installer

**Environment – Attendee Software Install Requirements**

This Boot camp requires attendees to provide their own laptops for this class.

Attendee laptops must meet the following minimum hardware/software requirements:

**APPLICATION  
INTEGRATION  
ARCHITECTURE**

**DIRECT INTEGRATIONS  
(DI):**

- Solutions that help to manage data; These are pre-built integrations that support data flows between systems.

**PROCESS INTEGRATION  
PACKS (PIPs):**

- Solutions that help optimize business processes; these are pre-built composite business processes across enterprise Applications.

**FOUNDATIONS PACKS  
(FP):**

- “Do-it-yourself” solutions that help standardize processes and allow companies quickly build their own custom integrations. The Foundation Pack provides all necessary tools, templates and methodologies you need to bypass much of the upfront cost and work associated with complex integration projects.
- The Foundation Pack includes Common Object and Shared Service Library with supporting SOA programming model and best practice implementation methods.

Hardware

- RAM: 2GB RM minimum (1 GB RAM is not enough)
- HDD: 30 GB free HDD space
- DVD Reader and USB port

Software (Students to install prior to class)

- The recommended operating system is Windows XP
- The following software should be downloaded and installed to your PC prior to the class:
  - A VMware supported player such as:
    - VMware Player 1.0.0 build 18587 (or higher) for your OS platform (free download)
    - VMware Workstation 5.0 (or higher) for your OS platform (licensed download)
    - VMware Server 1.0.4 (or higher) for your OS platform (free download)
  - VMware image will be provided at the class
  - Adobe Acrobat Reader v5.0 (or higher)
  - WinRAR or other file decompression tool supporting .RAR files. Shareware versions available at <http://www.rarlab.com/download.htm>.

Note: Students are to ensure the above software is installed on their laptops prior to attending class.

**Contact Us**

For more information about scheduled Oracle AIA Implementation Boot Camps, the OPN Boot Camp program, or to request a new boot camp topic, visit:

<http://competencycenter.oracle.com>



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