SOACP Module 8: Advanced SOA Design & Architecture

This course provides an in-depth exploration of service-orientation, service-oriented architecture and SOA design patterns, including those that relate to the Enterprise Service Bus (ESB) and Orchestration platforms.

The following primary topics are covered:

- Defining a Service-Oriented Architectural Model and SOA Architecture Types
- Fundamental and Advanced SOA Design Patterns
- Designing SOA with Service Agents and Supporting Multiple Protocols
- Legacy Encapsulation and ESB Design
- Asynchronous and Event-Driven Messaging, Message Routing and Reliable Messaging
- Global and Domain-Level Policy Enforcement and Positioning of Business Rules
- Orchestration Architecture Design, State Deferral and Service Grids
- Service Data Replication, Cross-Service Transactions and Compensating Transactions
- Data Transformation and Protocol Bridging
- ESB and Orchestration as Compound Patterns

Duration: 1 Day

For more information, visit www.soaschool.com.

Text Books

This SOACP course module covers a range of in-depth topics that are described in the course booklet and further elaborated by detailed technical coverage and case study examples in the accompanying SOA Principles of Service Design and SOA Design Patterns text books from the acclaimed Prentice Hall Service Technology Series from Thomas Erl.

Self-Study Kit

The materials for this course module can be purchased separately as part of Module 8 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam S90.08 but they are also suitable for general remote, self-paced study purposes.

For ordering information, visit www.soaselfstudy.com.