

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:

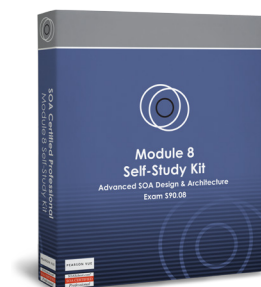
- Defining a Service-Oriented Architectural Model and SOA Architecture Types
- Fundamental and Advanced SOA Design Patterns
- Designing SOA with Service Agents and Supporting Multiple Protocols
- Legacy Encapsulation and ESB Design
- Asynchronous and Event-Driven Messaging, Message Routing and Reliable 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.