



SOACP Module 3: SOA Design & Architecture

This course delves into the service-oriented architectural model and the service-orientation design paradigm and establishes the unique characteristics and dynamics that constitute service-oriented solution logic.

The following primary topics are covered:

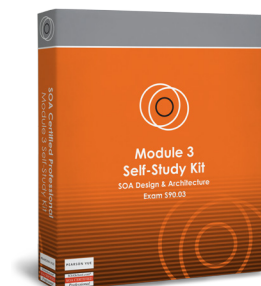
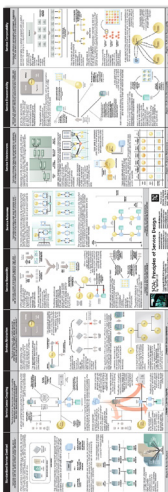
- History of Service-Oriented and SOA
- SOA Theory Fundamentals
- Service-Oriented vs. “Silo”-Based Design
- Distinguishing Characteristics of the SOA Model
- Understanding Services and Service Capabilities
- Complex Service Composition Design, Composition Runtime Roles and Responsibilities
- The Eight Design Principles of Service-Oriented
- Contract-First Design, Standardized Service Contracts and Uniform Contracts
- Service Loose Coupling and Coupling Types, Service Abstraction and Information Hiding
- Service Reusability and Agnostic Design, Service Autonomy and Runtime Control
- Service Statelessness and State Deferral, Service Discoverability and Interpretability
- Introduction to SOA Design Patterns

Duration: 1 Day

For more information, visit www.soaschool.com.

Text Book

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* text book 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 the Module 3 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam S90.03 and are also suitable for general remote, self-paced study purposes.

For ordering information, visit www.soaselfstudy.com.