



Training

Module 1: Fundamental SOA & Service-Oriented Computing (1 day)

The service-oriented computing platform has emerged as the foremost means of attaining key strategic business goals by leveraging new IT innovations and introducing a new approach to building solutions.

At the center of this platform lies service-oriented architecture (SOA), a powerful model capable of unifying business and technology domains and increasing organizational agility in support of the overarching goals and benefits of service-oriented computing.

This course provides a well-rounded overview of the current SOA industry, covering the following primary topics:

- Strategic Goals and Benefits of SOA and Service-Oriented Computing
- Fundamental Service-Oriented Computing Terms and Taxonomy
- Concepts relating to Services, Service-Oriented Architecture, Service Inventories, Service Compositions, Service-Oriented Solutions, and how these elements inter-relate as part of the overall Service-Oriented Computing platform
- Introduction to the Service-Orientation Design Paradigm and related Principles and Concepts
- SOA Project Delivery Approaches and Planning Considerations
- Introduction to the Service Delivery Lifecycle, including Service-Oriented Analysis, Service-Oriented Design, and Service Modeling processes
- Adoption Impacts and Requirements of SOA and Service-Oriented Computing (infrastructure, organizational, performance, security, migration, technology maturity, and others)

This course is further supplemented with a set of informal exercises that help reinforce key concepts. All course materials are printed in full-color and additional reference textbooks are also supplied, as required.

This is also a credit course for the SOA Certification Program and optional testing is available. For more information about certification and for descriptions of additional courses, visit www.soaschool.com or www.soatraining.com.

