

SOACP MODULE 04

Fundamental SOA Analysis & Modeling with Services & Microservices

Arcitura®
CERTIFIED
SOA Analyst

OVERVIEW

This course provides comprehensive coverage of SOA analysis techniques and approaches, including strategies and concepts for service modeling, composition modeling and microservice modeling. Topics include service models and service layer abstraction, entity, utility and micro task abstraction, as well as specialized service API modeling techniques.

The following primary topics are covered:

- Introduction to SOA Analysis
- Roles of Service Analysts, Service Architects and Service Custodians
- Service, Capability, Data and Constraint Granularities
- Service Models and Service Layer Abstraction
- Business and Utility Services
- Agnostic and Non-Agnostic Services
- Service Inventory Definition Basics
- Domain and Enterprise Service Inventories
- Service Normalization and Logic Centralization
- Service Modeling Basics
- Service Modeling and the Separation of Concerns
- Functional Decomposition and Service Encapsulation
- Entity, Utility and Task Abstraction
- Micro Task Abstraction for Microservice Modeling
- Composition and Recomposition
- Service API Modeling
- Service Decomposition, Proxy Capability and Decomposed Capability
- Endpoint Redirection, Lightweight Endpoint and Entity Linking

Duration: 1 Day

TRAINING + CERTIFICATION

This course is part of a training and accreditation program through which official certification can be achieved and for which official training and certification badges can be issued.



www.arcitura.com/soacp/analyst

eLEARNING + PRINTED STUDY KITS

This Arcitura study kit includes the contents listed below. These course materials are available in full-color printed format, as well as in eLearning subscription format, via online access and offline file download.

- Workbook
- Self-Study Guide
- Mind Map Poster
- Flashcards
- SOA Design Patterns eBook
- Audio Tutor Recordings (usb)



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EXAM PROCTORING

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SOACP MODULE 04

Fundamental SOA Analysis & Modeling with Services & Microservices

	Certified SOA Professional*	Certified SOA Analyst	Certified SOA Architect	Certified Microservice Architect	Certified Service Tech Consultant	Certified Service API Specialist	Certified Service Governance Specialist	Certified Service Security Specialist
MODULE 01 Fundamental SOA, Services & Microservices	●	●	●	●	●	●	●	●
MODULE 02 Service Technology Concepts	○		●	●	●	●		●
MODULE 03 Design & Architecture w/ SOA, Services & Microservices	○	●	●				●	
MODULE 04 Fundamental SOA Analysis & Modeling w/ Services & Microservices		●						
MODULE 05 Advanced SOA Analysis & Modeling w/ Services & Microservices		●						
MODULE 06 SOA Analysis & Modeling Lab w/ Services & Microservices		●						
MODULE 07 Advanced SOA Design & Architecture w/ Services & Microservices			●					
MODULE 08 SOA Design & Architecture Lab w/ Services & Microservices			●					
MODULE 09 Fundamental Microservice Architecture & Containerization				●	●			
MODULE 10 Advanced Microservice Architecture & Containerization				●				
MODULE 11 Microservice Architecture & Containerization Lab				●				
MODULE 12 Fundamental Service API Design & Management					●	●		
MODULE 13 Advanced Service API Design & Management						●		
MODULE 14 Service API Design & Management Lab						●		
MODULE 15 Fundamental Service Governance & Project Delivery							●	
MODULE 16 Advanced Service Governance & Project Delivery							●	
MODULE 17 Service Governance & Project Delivery Lab							●	
MODULE 18 Fundamental Security for Services, Microservices & SOA					●			●
MODULE 19 Advanced Security for Services, Microservices & SOA								●
MODULE 20 Security Lab for Services, Microservices & SOA								●

* The Certified SOA Professional designation is automatically issued when achieving any other SOACP certification. It can also be achieved by receiving passing grades on Exams S90.01B + S90.02B or S90.01B + S90.03B.