

SOACP MODULE 05

Advanced SOA Analysis & Modeling with Services & Microservices

Arcitura®
CERTIFIED
SOA Analyst

OVERVIEW

This course delves into the step-by-step processes for the analysis and modeling of services and microservices for REST service and Web service environments. It covers a range of topics with an emphasis on business service context, service models, microservices, functional scope definition, balanced granularity and establishing effective service layers as part of an overall conceptual blueprint.

The following primary topics are covered:

- SOA Project and Lifecycle Stages
- SOA Adoption Planning and Service Profiles
- Service-Oriented Analysis and Service Modeling
- Analysis and Modeling with REST Services and Microservices
- Resource Identification and REST Composition Modeling
- Modeling REST Services as Microservices
- Uniform Contract Modeling and REST Capability Granularity
- Understanding Resources vs. Entities
- Analysis and Modeling with Web Services and Microservices
- Modeling Utility and Entity Web Services
- Modeling Web Services as Microservices
- Service Modeling with BPMN and DMN
- BPMN Process Modeling for Service Modeling
- Decision Modeling with DMN

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 course is available as part of a study kit that includes course materials and supplemental self-study materials. The study kit is available in full-color printed format and eLearning format. Both types of study kits include the contents listed below.

- Workbook
- Self-Study Guide
- Mind Map Poster
- Flashcards
- Audio Tutor Recordings



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	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.

Arcitura SOA School (www.arcitura.com/soa-school)