SOA .NET Developer Certification Self-Study Kit Bundle (Partial)

A Certified SOA .NET Developer has proficiency with the development of distributed solutions using .NET programming technologies and tools, and has attained proven mastery of applying service-orientation to the programming and implementation of services-based .NET solutions. This bundle provides you with the self-study materials you need to prepare for the final three exams required to complete the SOA .NET Developer Certification.

The bundle includes the following self-study kits:

- **SOACP Module 10 Self-Study Kit: Advanced Web-Based Service Technology (Exam S90.10)**
  An exploration of Web-based service technologies pertaining to Web service, REST services, and cloud-based service implementation.

- **SOACP Module 13 Self-Study Kit: Service Development with .NET & Windows Azure (Exam S90.13)**
  A series of topics that cover the application of service-orientation to Microsoft technologies, including WCF, WF, Windows Azure, Windows Server AppFabric and BizTalk.

- **SOACP Module 14 Self-Study Kit: Service Development Lab for .NET & Windows Azure (Exam S90.14)**
  A lab-style study providing a number of hands-on exercises that focus on the real world development of on-premise and cloud-based services using service-orientation with Microsoft technologies.

For more information, visit www.soaschool.com.

By purchasing these kits as part of this bundle you receive a 20% discount. To purchase a certification bundle you are not required to purchase all three self-study kits at the same time.

Please note that this bundle requires the following textbooks: SOA with .NET & Windows Azure: Realizing Service-Orientation with the Microsoft Platform, SOA with REST: Principles, Patterns & Constraints for Building Enterprise Solutions with REST, Web Service Contract Design & Versioning for SOA, SOA Principles of Service Design, SOA Design Patterns, Service-Oriented Architecture: Concepts, Technology, and Design. These text books can be purchased separately or together with individual self-study kits or with the bundle when placing an order. For ordering information, visit www.soaselfstudy.com.
SOACP Module 10: Advanced Web-Based Service Technology

This hands-on course comprehensively covers important Web-based service industry technologies pertaining to REST services, Web service policies and cloud computing.

The following primary topics are covered:
- REST-style Service Architecture Characteristics
- REST Constraints, Uniform Contract Considerations, State Management Requirements and Messaging
- REST Service Resource Identification, Definition, Representations, Hypermedia and Application State
- HTTP Methods, Media Types, Headers
- Service Policy Design
- WS-Policy Definitions, Language Elements and Attachment Mechanisms
- Policy Assertion (including Optional/Ignorable)
- Cloud Computing Design Considerations
- Characteristics of a Cloud
- Cloud Delivery Models (SaaS, PaaS, IaaS)
- Cloud Deployment Models (Public, Private, Community, Hybrid)
- Cloud Computing Mechanisms

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 Web Service Contract Design & Versioning for SOA and SOA with REST: Principles, Patterns & Constraints for Building Enterprise Solutions with REST 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 10 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam S90.10 but they are also suitable for general remote, self-paced study purposes.

For ordering information, visit www.soaselfstudy.com.
SOACP Module 13: Service Development with .NET & Windows Azure

This course delves into the .NET and Windows Azure development platforms to focus on how service-orientation principles, patterns and practices can be applied to Microsoft technologies.

The following primary topics are covered:

- Concise Overview of WFC, WF, Windows Azure Windows Server AppFabric, BizTalk Server
- Cloud Service Design and Programming with Windows Azure
- Contract-First Programming with .NET Web Services and REST Services
- Building Reusable .NET Web Services and REST Services
- Creating .NET Service Compositions and Orchestrations with WCF and WF
- Applying SOA Patterns to .NET Service Design and Development
- Applying Service-Orientation Principles to .NET Service Design and Development

Exercises are provided in both printed and electronic formats. Note that this course is intended for experienced .NET programmers.

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 with .NET & Windows Azure: Realizing Service-Oriented with the Microsoft Platform, 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 13 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam S90.13 but they are also suitable for general remote, self-paced study purposes.

For ordering information, visit www.soaselfstudy.com.
Module 14: Service Development Lab with .NET & Windows Azure

As a continuation of course module 13, this lab-style course provides a series of hands-on exercises that enable participants to apply service-orientation and SOA practices first-hand, using .NET and Windows Azure development technologies. Lab exercises are provided in both printed and electronic formats and require participants to solve a number of interrelated development problems.

This course can be delivered with workstations that contain Visual Studio, or completed using only the paper-based version of the exercises. In both cases, attendees receive a CD containing complete project files and source code for all exercises. This course delves into the .NET and Windows Azure development platforms to focus on how service-orientation principles, patterns and practices can be applied to Microsoft technologies.

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 with .NET & Windows Azure: Realizing Service-Orientation with the Microsoft Platform, 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 14 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam S90.14 but they are also suitable for general remote, self-paced study purposes.

For ordering information, visit www.soaselfstudy.com.