



## Module 25: Advanced Cloud Computing

This course covers a series of advanced topics pertaining to strategic planning, design and technology architecture for Cloud Computing environments and solutions

Topics covered include:

- Most Common Risk, Threats and Vulnerabilities of Cloud-based Services and Cloud-hosted Solutions
- Cloud Security Mechanisms Used to Counter Threats and Attacks
- Building Cloud Platforms (IaaS, PaaS and SaaS and how to use them together and across clouds)
- Single Sign-On for Cloud-Based Services
- Service Level Agreements (SLAs) and Calculating Availability and Reliability Rating
- Cloud Service Testing Considerations and Testing Types
- SOA and Cloud Computing Connection Points (Mechanisms, Characteristics, Architecture Types and Goals)
- Metrics for Comparing and Calculating Cloud and On-Premise Solution Costs
- Infrastructure Considerations for Scaling and Improving Reliability of Cloud-based Services
- Modern Cloud Technologies, including Autonomic Computing, Service Grids, and Secure Storage

This course corresponds to Exam S90.25, which is required for the following certification: Certified Cloud Computing Specialist

For more information, visit [www.soaschool.com](http://www.soaschool.com) and [www.soacp.com](http://www.soacp.com).

### Self-Study Kit For Exam S90.25

The materials for this course module can be purchased separately as part of Self-Study Kit for Exam S90.25, which includes additional materials and study aids. These materials are designed to prepare you for Exam S90.25 but they are also suitable for general remote, self-paced study purposes.

The contents in this self-study kit include a full-color Course Module Booklet (173 pages), Self-Study Guide 25, Audio Tutor CD 1 (by Paul Buhler), Audio Tutor CD 2 (by Paul Buhler), 49 Flash Cards, Candidate Agreement, and a Prometric Exam Voucher (\$150 Value) that can be used at any qualified Prometric testing center in the world.

For ordering information, visit [www.soaselfstudy.com](http://www.soaselfstudy.com).

