

CCP Module 17: Advanced Cloud Virtualization

This course builds upon Module 16 by exploring a range of cloud-based virtualization design and management topics, including how virtualization mechanisms and technologies can be combined to form common cloud-based technology architectures.

The following topics are covered:

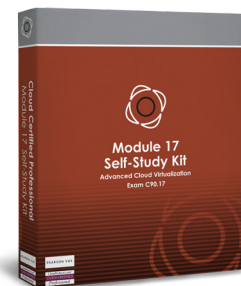
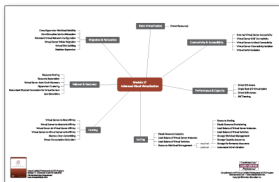
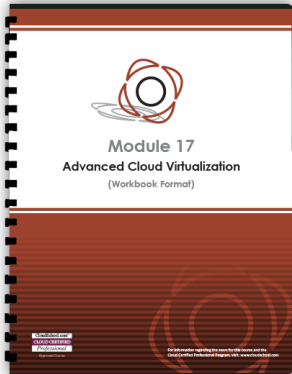
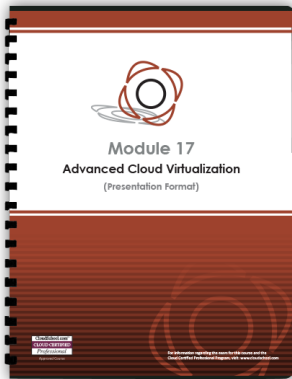
- Resource Replication and Automatic Resource Scaling
- Virtualized Cloud Balancing and Cloud Bursting Architectures
- Achieving Cloud Bursting with Cloud Balancing in a Virtual Environment
- Virtualization Mechanisms for Cloud Bridging
- Storage Tiers and Storage Migration
- Automatic/De-Provisioning of Resources and Services
- Resource and Service Availability Guarantees in Virtualized Environments
- P2V/V2P/V2V Access Management and Customer Isolation
- Virtualized Environment Challenges and Risk Mitigation

Duration: 1 Day

For more information, visit www.cloudschool.com.

Cloud Computing Design Patterns Text Book

This CCP 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 *Cloud Computing Design Patterns* text book 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 the Module 17 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam C90.17 and are also suitable for general remote, self-paced study purposes.

For ordering information, visit www.cloudselfstudy.com.