

CCP Module 16: Fundamental Cloud Virtualization

This course provides solid, end-to-end, foundational coverage of virtualization technologies, types and mechanisms.

The following topics are covered:

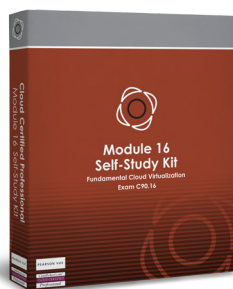
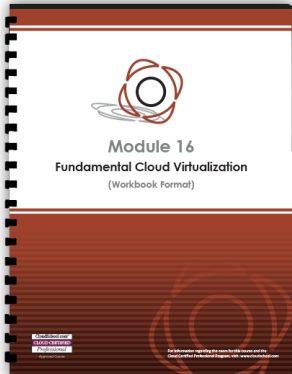
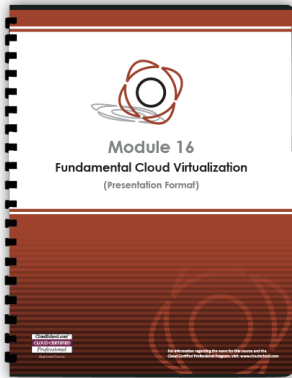
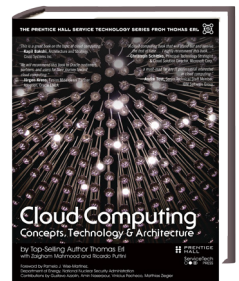
- A Brief history of Virtualization
- Virtualization Concepts and Definitions
- Traditional vs. Contemporary Virtualization
- 10 Virtualization Types (including Data Center, Storage, Application, Desktop, Network, Server, etc.)
- 18 Virtualization Mechanisms (including Virtualization Agent, Virtual Server State Manager, Virtual Appliance, Virtual Firewall, etc.)
- Virtual Machines, Hypervisors Drill-Down
- vCPU, vRAM, vDisk, Virtual to Virtual Conversion
- Thick and Thin Provisioning, Virtual Switches, NIC Teaming
- Service Virtualization ROI and Strategic Benefits
- Virtualization Considerations for Cloud Providers and Consumers
- Resource Pooling and Management, Virtual Infrastructure and Management
- Monitoring and KPIs
- Capacity Planning & Management Considerations

Duration: 1 Day

For more information, visit www.cloudschool.com.

Cloud Computing: Concepts, Technology & Architecture 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: Concepts, Technology & Architecture* 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 16 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam C90.16 and are also suitable for general remote, self-paced study purposes.

For ordering information, visit www.cloudselfstudy.com.