

# CCP MODULE 13

## Fundamental Cloud Storage

Arcitura®  
CERTIFIED  
Cloud Storage  
Specialist

### OVERVIEW

This course expands upon the cloud storage topics introduced in Module 2 by further exploring cloud storage devices, structures, and technologies from a more technical and implementation-specific perspective. A set of cloud storage mechanisms and devices are established, along with in-depth coverage of NoSQL and cloud storage services.

The following primary topics are covered:

- Fundamental Storage and Disk Concepts
- IOPS, Disk Throughput, Access Time, Seek Time and Relational Latency
- File Systems and Volume Management
- Distributed/Clustered File Systems, Concatenation and Partitioning
- RAIDs (Descriptions, Comparison, Penalties)
- I/O & Capacity
- Concatenation, Vertical Tiering and Disk Splitting
- Types of Storage (Data Processing, Local, Directly Attached, Remote)
- Storage Levels (Block, File, Object)
- Basic Storage Infrastructure Components
- I/O Flow, NICs and Storage Switches
- Backup Fundamentals
- Snapshots, Disaster Recovery/Protection, Recovery Time

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.

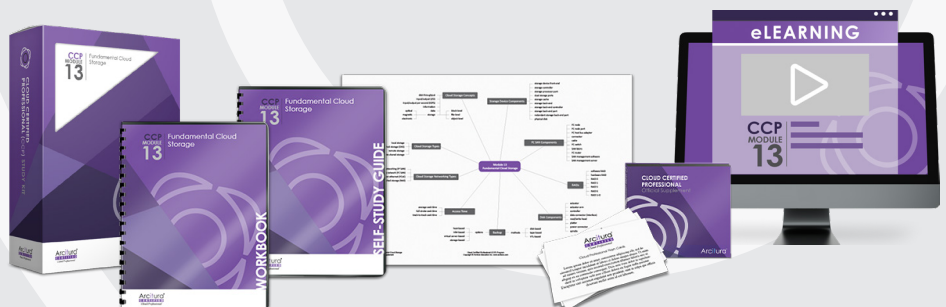


[www.arcitura.com/ccp/storage](http://www.arcitura.com/ccp/storage)

### eLEARNING + PRINTED STUDY KITS

This Arcitura study kit includes the contents listed below. These course materials are available in full-color printed format, as well as in eLearning subscription format, via online access and offline file download.

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



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# CCP MODULE 13

## Fundamental Cloud Storage

	Certified Cloud Professional*	Certified Cloud Technology Professional	Certified Cloud Architect	Certified Cloud Security Specialist	Certified Cloud Governance Specialist	Certified Cloud Storage Specialist	Certified Cloud Virtualization Specialist
MODULE 01 Fundamental Cloud Computing	●	●	●	●	●	●	●
MODULE 02 Cloud Technology Concepts	●	●	●	●	●	●	●
MODULE 03 Cloud Technology Lab		●					
MODULE 04 Fundamental Cloud Architecture			●				
MODULE 05 Advanced Cloud Architecture			●				
MODULE 06 Cloud Architecture Lab			●				
MODULE 07 Fundamental Cloud Security				●			
MODULE 08 Advanced Cloud Security				●			
MODULE 09 Cloud Security Lab				●			
MODULE 10 Fundamental Cloud Governance					●		
MODULE 11 Advanced Cloud Governance					●		
MODULE 12 Cloud Governance Lab					●		
<b>MODULE 13 Fundamental Cloud Storage</b>						●	
MODULE 14 Advanced Cloud Storage						●	
MODULE 15 Cloud Storage Lab						●	
MODULE 16 Fundamental Cloud Virtualization							●
MODULE 17 Advanced Cloud Virtualization							●
MODULE 18 Cloud Virtualization Lab							●

\* The Certified Cloud Professional designation is automatically issued when achieving any other CCP certification. It can also be achieved by receiving passing grades on Exams C90.01 + C90.02.