

EXIN Cloud Computing

Structured technical training and certification preparation

A practical, student-friendly outline covering the principles of CC, implementing and Managing CC, using the Cloud, security and Compliance, and evaluation of CC.

MODULES

5

LESSONS

65

FORMAT

Self-paced

Module Breakdown

MODULE 1

The principles of CC

- EXIN Overview-Part 1
- EXIN Overview-Part 2
- EXIN Overview 2-Part 1
- EXIN Overview 2-Part 2
- The Basics
- History Of Cloud
- Delivery Model Architectures
- Software As A Service
- Justification For Cloud Computing
- Confidentiality And Availability
- Concepts From NIST
- Important Characteristics
- Broad Network Access
- Resource Pooling
- Measured Service
- Service Models
- Terms Of Service
- Recommendations

MODULE 1

The principles of CC (continued)

- Virtualization
- Virtualization Concepts
- Inter-Virtual Machine Attacks
- Virtual Machine Encryption
- Recommendations
- Service Models
- Business Process
- Outsourcing
- Software As A Service-Part 1
- Software As A Service-Part 2
- Risks And Recommendations
- Platform As A Service
- PaaS Considerations
- PaaS Issues
- Infrastructure As A Service
- Scope Of Control
- IaaS Benefits
- IaaS Issues And Concerns

Module Breakdown (continued)

<p>MODULE 1</p> <p>The principles of CC (continued)</p> <ul style="list-style-type: none">IaaS RecommendationsServices Oriented ArchitectureWeb ServicesInfrastructure On DemandWhy CloudCollaborative WorkingNew Business Opportunities	<p>MODULE 2</p> <p>Implementing and Managing CC</p> <ul style="list-style-type: none">Implementing And Managing Cloud Computing
<p>MODULE 3</p> <p>Using the Cloud</p> <ul style="list-style-type: none">Relevant Technologies In CloudStorage Devices-Part 1Storage Devices-Part 2Application Programming InterfacesTraditional Software ModelImpact Of Cloud On UsersProviding Cloud ServicesDeveloping Added Services-Part 1Developing Added Services-Part 2Using Cloud Services	<p>MODULE 4</p> <p>Security and Compliance</p> <ul style="list-style-type: none">Threats And ControlsMalicious InsidersInsiders Remediation
<p>MODULE 5</p> <p>Evaluation of CC</p> <ul style="list-style-type: none">Why CloudResource ScalingQualityThin ClientsBuying Cloud ServicesPay As You Go Vs OwnershipEstablishing RequirementsContract Terms	