



Cloud Computing—Seeing through the Cloud: What the IT Auditor Needs to Know

Course Schedule – Topics & Activities

Day One

- What is Cloud Computing?
- Adoption of cloud
 - Current landscape
 - New business models
 - Key business drivers
- Cloud computing architectures
- Cloud computing service delivery models
- Key attributes of Cloud Computing

Day Two

- Top Cloud considerations & challenges
- Review of the Cloud risk map
 - Addressing risks in security & privacy
 - Data management
 - Governance & compliance
 - Operations
 - General business
- Role of internal audit
 - Traditional
 - Strategic advisor

Day Three

- Case Study – Deep dive into a Cloud application
 - Utilize Cloud risk map
 - Identify risks
 - Define scope
- Develop an audit plan based on identified Cloud risks
- Scenario-based activity – Bring a fictional enterprise securely into the cloud

Day Four

- Case Study – Deep dive into Cloud technology (VMware)
 - Utilize Cloud risk map
 - Identify risks
 - Define scope
- Develop an audit plan based on identified Cloud risks
- Case Study – Deep dive into Cloud technology (security & privacy)
 - Utilize Cloud risk map
 - Identify risks
 - Define scope

- Develop an audit plan based on identified Cloud risks
- Scenario-based activity – Bring a fictional enterprise securely into the cloud

*Topics and activities may vary by class and instructor.

Course Duration: 4 days

CPE: up to 32

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