



**Asia Masters Center**

## Cloud Security Fundamentals





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### ➔ Course Objective

- Build a risk-based assessment program for cloud providers' controls
- Understand the key areas to focus on in cloud contracts
- Evaluate the various layers of cloud infrastructure
- Develop a cloud disaster recovery and business continuity plan
- Perform vulnerability assessments in a cloud environment
- Integrate encryption and identity management services in a cloud environment
- Improve your incident response and monitoring capabilities in the cloud

### ➔ Target Audience

- Security personnel who are currently tasked with assessing the technical risks of cloud computing
- Network and systems administrators who currently manage private clouds or need to leverage hybrid and/or public cloud services
- Technical auditors and consultants who need to gain a deeper understanding of cloud computing and security concerns
- Security and IT managers who need to understand the risks of cloud computing and advise business management of the risks and various approaches involved



## Course Outline

- **Day 1 – Introduction to Cloud Computing**
- Delivery models: Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS)
- Cloud types (public, private, hybrid)
- Explaining the Jericho Cloud Cube Model
  
- **Day 2 – Security Challenges in the Cloud**
- Introduction to the topic: Why is this hard?
- Virtualization and multi-tenancy
- Risk assessment for cloud migration
  
- **Day 3 – Infrastructure Security in the Cloud**
- Patch and configuration management
- Change management
- Network and virtualization security
- Application security for SaaS, PaaS, and IaaS
  
- **Day 4 – Policy and Governance for Cloud Computing**
- Internal policy needs
- Contract requirements for security
- Service-level agreements
- Governance models for the cloud



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- **Day 5 – Compliance and Legal Considerations**
- Compliance challenges for the cloud
- Legal and geographic jurisdiction
- Privacy concerns



## Asia Masters Center

### ➤ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- we give the participant training bag includes all the necessary tools for the course.
- Working within groups to achieve the best results.
- All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.
- We can assist you in booking hotels at discounted prices if you wish to book through us.
- We offer the certificate from Asia Masters Center for Training and Administrative Development.

### ➔ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
- 4) Coffee break.
- 5) The training bag includes all the tools for the course.



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### Price (USD)

Communicate with the training department  
to know the participation fees

➤ **There are offers and discounts for groups**

### The details of the bank account

Bank name: CIMB Bank Berhad

Account name: Asia Masters Center SDN. BHD

Bank account number: 80-0733590-5

Swift code: CIBBMYKL

IBAN: Null