



Asia Masters Center

Cloud Computing Security





Cloud Computing Security

➔ Course Objective

- Understand cloud strengths and misconceptions, and discuss its benefits and weaknesses
- Explain cloud structure, properties and management services
- Set a cloud adoption strategy
- Discuss the main requirements to move current cloud untrusted infrastructure to a trustworthy internet-scale cloud critical computing infrastructure
- Analyze the major risks associated with the different cloud services and deployment models
- Discuss the main principles, mechanisms and best practices for treating cloud risks
- Demonstrate the discussed concepts using practical case studies, business models and industrial tools

➔ Target Audience

- IT and infrastructure leaders, decision makers (CxO), risk analysts, strategic planners, architects, administrators, software and business developers, and project managers



Course Outline

Day1 :

- Cloud overview
- Cloud definition, misconceptions and evolution
- Cloud services and deployment types
- Challenges
- Cloud management
- Cloud structure and its properties
- Virtual and application layer management services
- Cloud dynamic nature and its challenges

Day2 :

- Application development and integration within clouds
- Security best practices for automating cloud infrastructure management
- Clarifying the concepts using industrial platforms
- Establishing trust in clouds
- Defining cloud trustworthiness
- Its properties
- Assessing cloud trustworthiness

Day3 :

- Establishing trust in:
 - Private
 - Hybrid



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- Community
- Public cloud deployment types
- Establishing trust in:

Day4 :

- IaaS (Infrastructure as a Service)
- PaaS (Platform as a Service)
- SaaS (Software as a Service)
- Clarifying the concepts using openstack management platform

Day 5:

- Practical

➤ **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.



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➔ 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.

Price (USD)

**Communicate with the training department
to know the participation fees**

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

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