**Cloud Computing Security**



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**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
* 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.

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 |