**Information Security Management**



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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 – Risk, Audit, and Assessment for the Cloud**
* Risk management
* Auditing the cloud
* Remote
* Onsite
* **Day 2 – Data Security in the Cloud**
* Encryption types and availability
* Key management and encryption architectures
* Data/information lifecycle
* Retention
* Disposal
* Classification
* **Day 3 – Identity and Access Management (IAM)**
* IAM architecture and relevance to the cloud
* Authentication and authorization standards
* Account management and provisioning
* Federation
* **Day 4 – Intrusion Detection and Incident Response**
* Incident detection for different cloud models
* Managing Intrusion Detection System/Intrusion Prevention System (IDS/IPS) and alerting
* The event management feedback loop

* **Day 5 – Security Testing**
* CloudAudit A6
* Assessments for the cloud
* Penetration testing the cloud
* Internal assessments
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The Cost Of The Training Program Includes The Following:

1. Scientific article on flash memory.
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| Price (USD) |
| Communicate with the training department  to know the participation fees   * There are offers and discounts for groups |
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