

Auditing Virtualization and Cloud Computing Workshop

Workshop Overview

One of today's most rapidly evolving and widely deployed technologies is server virtualization. Many organizations are already realizing the cost savings from implementing virtualized servers, and systems administrators love the ease of deployment and management for virtualized systems. There are even security benefits to virtualization - easier business continuity and disaster recovery, single points of control over multiple systems, role-based access, and additional auditing and logging capabilities for large infrastructures. With these benefits comes a dark side, however. Virtualization technology is the focus of many new potential threats and exploits and presents new vulnerabilities that must be managed.

Cloud Computing are the second wave, building services and management upon many of principles and technologies vetted by the wave of virtualization. This reinvention introduces many “risks” for the unwary.



What You Will Learn

- The theory of Virtualization and Cloud Computing!
- Practical hands on training with dedicated personal computer for each individual participants!
- Use commercial tools available in the market to assist you to obtain the results you required in various formatted reports without the hassle of generating scripts or “print-screen”!
- Build your own virtualized systems and create your own private Cloud environment!

Who Should Attend

This 2 days workshop is designed especially for IT Auditors and IT Security Professionals who wish to gain knowledge in setting up a virtual computing environment and auditing/securing virtualized servers deployed in their company’s infrastructure. With hands-on workshop, participants would be able to experience on how a virtual infrastructure would look like besides using some of the available tools used for auditing. In addition, participants will also learn how Cloud Computing is deployed, secured and the ways of auditing a Cloud environment!

14 CPE hours

Training Outline & Trainer Profile

Training Outline

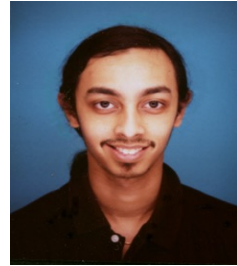
Day One:

- Briefing on Virtualization
- Hands-on Installation of:
 - ESX on Desktops
 - vCenter Server
 - vSphere Client
- Briefing on vCenter, Virtual Storage, Virtual Networks, vMotion
- Exploring vCenter Server
- Creation of Virtual Machines
- Virtual Network Configuration
- Planning and Scoping of Audit on Virtual Environment
- Governance of Virtualized Environment
- Using of ISACA VMWare Server Virtualization Audit Program
- Lab Session – Running VMware Compliance Checker for ESX and PCI DSS, VMInformer, Nessus, NMAP, including penetration testing tools such as Hydra to brute force a virtualized environment and many more!
- Learn how to write audit findings, what are the risks and recommendations on a Virtualization audit!

Day Two:

- Briefing on Cloud Computing
- Know what are PAAS, IAAS, SAAS and many more!
- Learn the current Cloud Security and Threats
- Planning and Scoping of Audit on Cloud environment
- Using the virtualized environment built in Day 1 of the workshop, connect the workstations by other participants to build a private Cloud in the lab!

Anselm Goh



Anselm is the Enterprise Architect with Submerged Realms Enterprise and he has over 17 years of experience in the ICT industry. As a certified enterprise architect, he is responsible in undertaking research work for potentially new technologies that can be implemented within projects. He is also actively involved in projects requiring infrastructure implementations, covering aspects of security, enterprise monitoring, virtualization, storage and backup across various industries in Malaysia. Anselm is currently a TOGAF 8 Certified Enterprise Architect, VMware Certified Professional (VCP) and Certified Ethical Hacker (C|EH). He also holds various technical certifications from Apple, Rational and IBM and Huawei.

Kenneth Ho



Kenneth is the Regional Head IT Security with a regional investment bank. He has over 17 years of IT experience in retailing, blue chip MNC, investment banking and professional services. He oversees all activities related to IT Security to regional countries, ensuring that all policies, standards and procedures are in line with internal and external regulatory requirements. Kenneth had conducted workshops and conference organised by ISACA Malaysia on virtualisation, cloud computing and cybersecurity. He is a CISA, CISM and CGEIT.

Adrian Foo



Adrian is currently the AVP of Operations Audit with a large financial institution. He has over 18 years of IT auditing experience in the financial services industry covering areas such as IT Governance, IT General Controls, Post Implementation Review, Network and Infrastructure Security, Application Controls, Outsourcing, Disaster Recovery. Adrian is a Certified Information Systems Auditor (CISA), Certified Information Security Manager (CISM) and Certified in Risk and Information Systems Control (CRISC).

Details and Registrations

Event: **Auditing Virtualization and Cloud Computing Workshop**

Date: 25 – 26 April 2017

Venue: Info Trek Sdn Bhd
Unit-350, 3rd Floor, AmCorp Mall, 18 Persiaran Barat,
Petaling Jaya, Selangor Darul Ehsan, 46050
<http://www.info-trek.com/>

Fees: RM 2,380 for ISACA members
RM 2,880 for non members

Contact: Mr Seelan, ISACA Office Administrator
Mobile: 017 219 6225 | Email: officeadmin@isaca.org.my

Important Notice

As good practice, ISACA Malaysia Chapter is informing you that your personal data will be processed, retained and used by ISACA Malaysia Chapter in relation to this training event. Your personal data may also be retained and used by ISACA Malaysia Chapter to market and promote training events conducted by ISACA Malaysia Chapter.

Reservations & Registrations:

Places are LIMITED. Please register as early as possible. Registration will only be confirmed upon receipt of registration form, followed by payment, if applicable. If payment is applicable, upon receipt of the registration, the fee will be a debt due to ISACA Malaysia Chapter.

ISACA Malaysia Chapter reserves the right to change the venue, date, speakers, and programme or to cancel the programme should unavoidable circumstances arise. If applicable, a full refund of fees will be made in the event of cancellation.

Payment Details:

Fees are not refundable once registration is confirmed, however, replacements may be sent. Cheques should be made payable to “Information Systems Audit And Control Association” and mailed to: ISACA Malaysia Chapter, Unit 916, 9th Floor, Block A, Damansara Intan, No.1, Jalan SS 20/27, 47400 Petaling Jaya, Selangor.

Alternatively, payment can be banked into: Maybank Account number – 512231822725. Bank in slip or Internet Banking confirmation MUST be faxed to 03-7726 1257 or emailed to officeadmin@isaca.org.my, with a cover note stating Event Name, Organisation / Participant(s) Name and Amount Banked In. Payment will not be recognised without this cover note.

Note: This is an editable PDF.

Participant Name	Designation	Membership No	Email

Organisation & Contact Details

Organisation Name			
Address			
Contact Person			
Telephone		Department	
Fax		Email	