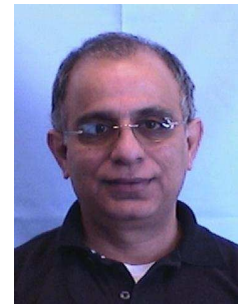


Securing and Auditing Private and Hybrid Cloud Applications

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Professional Strategies – S23

Session Abstract

Abstract:

Part 1: VMware's Journey to the Cloud (Job Simon – 45 minutes)

- Provide a broad understanding of the advantages that corporations can gain by adopting cloud technologies
- Explain the challenges that VMware faced when tasked with moving 40+ applications to a private and hybrid cloud
- Challenges to ensuring security and control in a cloud-based environment
- VMware's success stories and lessons learned from the first leg of its transition to cloud computing

Part 2: Auditing cloud-based applications (Scott Lowry, Hassan Javed – 45 minutes)

- Similarities and differences between auditing traditional applications and cloud-based applications
- Tools and techniques for auditing an ESXi environment
- Internal Audit "lessons learned"

Target Audience

IT Professionals and security practitioners wanting to know more about the benefits and risks of cloud computing. IT Auditors seeking deeper information around risk, controls, and auditability of cloud-based applications.

COBIT Objectives

Speaker Bio

Job Simon heads the IT Strategy and Architecture function at VMware IT. In this capacity he is responsible for the governance and strategy for Enterprise Architecture, PMO office, VMO and IT M&A, which are all managed in a federated model. He is actively involved in driving programs to implement VMware's vision for Cloud computing and IT-as-a-Service. Prior to that he was at Netapp responsible for Enterprise Architecture and Technology services including BI, Integration, Collaboration and Web Services. He has been with software development and IT for 20+ years and is deeply interested in IT transformation based on standards at the Infrastructure, Application and End-user levels. He started his career at Intel in Central Planning and Applications software development. He has also held management positions at Applied Materials and 3Com, in addition to driving Engineering for VMXtreme, a 3D animation content startup.

Scott Lowry heads the IT Audit Department at VMware, Inc. He is responsible for risk assessment and IT compliance activities, reporting to the CAE. In this capacity, he is currently executing a risk assessment of VMware's cloud migration activities. Prior to that, he was at Safeway, where he helped build the IT Audit function. He has 12+ years of internal audit, security and big four experience. He holds an MBA in Finance and an MS in Information Technology from the University of Maryland, and a BS from the US Naval Academy. Scott is a Certified Internal Auditor, Microsoft Certified Systems Engineer and a Certified Information Systems Auditor.

Hassan Javed is a Senior IT Auditor at VMware, Inc. He has been working in the information technology field for over ten years. Previously, he was a Supervising Sr. IT Auditor with Safeway Inc. performing risk-based auditing focused on SDLC, virtualization, IT security, and regulatory compliance (PCI, HIPAA). In addition, he was a Senior Associate with PricewaterhouseCoopers implementing large scale Identity Access Management solutions, developing service offerings, and conducting external audits. Hassan brings his technical skills and depth of experience working with cloud computing (Public and Private) and virtualized environments powered by VMware.