Hybrid & Private Clouds and What it Means to the Auditor

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Professional Techniques – T24

Session Abstract

What is a Private Cloud? Hybrid Cloud? How can these technologies make cloud computing more secure while still achieving many of the advantages of Public Clouds?

This presentation will answer these questions and provide a framework to assess risks associated with private and hybrid cloud migration.

Target Audience

The target audience for this session includes Internal Auditors, Security Practitioners or anyone wishing to understand what private and hybrid-cloud computer is and how it impacts the security and controls within IT.

COBIT Objectives or Processes

- PO1 Define a strategic IT plan
- PO2 Define the information architecture
- PO3 Determine the technological direction
- PO9 Assess and manage IT risks
- DS1 Define and manage service levels
- DS5 Ensure systems security
- ME3 Ensure compliance with external requirement

Speaker Bio

Scott Lowry
Scott is a graduate of the United States Naval Academy class of 1988, Scott earned his Naval Aviation Wings in 1990. As a carrier-based aviator, he gained extensive project management and leadership

experience before leaving the Navy in 1995 to earn an MBA/MS from the Smith School of Business at the University of Maryland.

Scott joined PricewaterhouseCoopers (PwC) in 1999 and gained experience conducting eBusiness, security, privacy, and Enterprise Resource Planning (ERP) application controls reviews for numerous clients. In 2003, Scott joined the PwC Oracle ERP Team, and was promoted to Manager in 2005. Scott managed numerous application control reviews over the AR, AP, Inventory and Manufacturing Modules for various major corporations. At the time of his departure for Safeway, Scott was responsible for approximately eight staff and $3 million in annual revenue.

In April 2005, Scott joined the Safeway Internal Audit Department as Manager of IT Audit, reporting to the Director. Scott was the first IT Audit Manager and played an instrumental role in hiring all IT Audit staff and developing this new department. During his tenure at Safeway, the IT Audit Department grew to include 11 individuals reporting to the Director.

In November 2010, Scott joined VMware as Senior Manager of IT Audit, reporting to the CAE. Scott assumed responsibility for all IT Audit activities, including risk management and SOX compliance testing. Scott has completed risk management engagements around vCloud Hybrid Service, Security, Intellectual Property, Export Compliance, and Oracle ERP. Scott is a Certified Internal Auditor, Certified Information Systems Auditor and Certified Risk Management Associate.
He holds an MBA in Finance and an MS in Information Technology from the University of Maryland.

Hassan Javed
Hassan has been working in the information technology field for over ten years. He is currently a Senior IT Auditor at VMware focused on risk-based audits (e.g. Information Security, Open Source Software, Intellectual Property, vCloud Hybrid Service) and compliance (ISO27001, SOX). Previously, he was a Supervising Sr. IT Auditor with Safeway completing engagements around SDLC, virtualization, IT security, and regulatory compliance (PCI, HIPAA). In addition, he was a Senior Associate with PricewaterhouseCoopers implementing large scale Identity and Access Management solutions, developing new service offerings, and conducting external audits. Hassan brings his technical skills, depth of experience working with cloud computing (Public and Private), and virtualized environments powered by VMware.

Hassan is a Certified Information Systems Auditor and Certified in Risk and Information Systems Control professional. He holds a B.S. in Management Information Systems from Louisiana State University.

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