

Virtualization: IT Audit and Security Perspectives

Jason Chan, VMware



Professional Techniques Track – Session T12

Abstract:

Virtualization has brought a range of efficiency and operational advantages to today's IT organizations. However, virtual environments also present a number of interesting challenges from a security and audit perspective. This presentation will discuss a number of key topics for analysis when evaluating the security state of virtual infrastructures and is designed to assist audit and security professionals as they prepare for and work in increasingly virtualized environments.

Target Audience:

Intermediate to advanced level audit and IT security personnel. Security consultants and auditors tasked with evaluating the security and control aspects of virtualized environments. The presentation is also appropriate with IT staff (i.e. systems administrators, storage administrators, network administrators) involved with managing virtual environments.

COBIT Objectives:

PO3: Determine technological direction
PO9: Assess and manage IT risks
A16: Manage changes
DS3: Manage performance and capacity
DS4: Ensure continuous service
DS5: Ensure systems security
DS9: Manage the configuration
ME2: Monitor and evaluate internal control

Speaker Bio:

Jason Chan is the Director of Security at VMware. Prior to VMware, he spent most of his career in security consulting, working for firms including @stake and iSEC Partners. Jason has authored a number of articles, co-authored a book, and presented at various security conferences. He received his BS from the College of Charleston and his MS from Boston University.