

**Vulnerability Assessments, Penetration Studies,
 eDiscovery**

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Core Competencies – C21

Session Abstract

Vulnerability Assessments, Penetration Studies, eDiscovery.

We all may have seen and performed vulnerability scanning tools, penetration studies and e-discovery scans but possibly not all three. This session will discuss the difference in nature and use of each. They each have a distinct purpose and are used for security monitoring and compliance. However, they each have their limitations. Another area for discussion is which product solution to implement. There are commercial and open-source solutions that can satisfy a company's needs.

We will discuss how to import, align, and score assets from each type of vulnerability scanning tools using a common, shared repository (Log Manager) and triage scoring methodology. We will also discuss workflow and remediations of identified and prioritized vulnerabilities.

Target Audience

Information Security Personnel, Compliance Personnel, Technical IT Auditors, Network Security Engineers

COBIT Objectives or Processes

- Distinguish the difference
- How to use each for security monitoring
- How to use each for compliance
- What not to expect from each
- Choose Commercial or Open Source
- Workflow for reviews and remediations

Speaker Bio

Miguel (Mike) O. Villegas is the Vice President for K3DES LLC. He QA's and performs PCI-DSS and PA-DSS assessments for K3DES clients. He also manages the K3DES ISO/IEC 27001:2005 certification program. Mike was previously Director of Information Security at Newegg, Inc.

Mike has over 30 years of Information Systems security and IT audit experience. Mike was previously Vice President & Technology Risk Manager for Wells Fargo Services responsible for IT Regulatory Compliance and was previously a partner at Arthur Andersen and Ernst & Young for their information systems security and IS audit groups over a span of nine years. Mike is a CISA, CISSP, GSEC and CEH. He is also a PCI QSA, PA-QSA and ASV.

Mike is past president of the LA ISACA Chapter during 2010-2012 and was the SF ISACA Chapter President during 2005-2006. He was the SF Fall Conference Co-Chair from 2002-2007 and also served for two years as Vice President on the Board of Directors for ISACA International. Mike has taught CISA review courses for over 17 years.

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