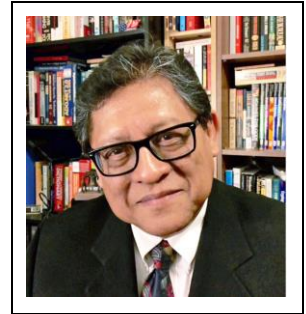


Next Generation Firewalls: Top 8 Revisited

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Core Competencies – C 32

Session Abstract

Recent security breaches to some of the largest and seemingly more secure environments beg the question whether existing protection mechanisms are sufficient to deter unauthorized access to critical assets. Traditional firewalls, anti-virus and intrusion prevention systems appear to have lost their usefulness. In reality, they are still very much in use; however, more robust and effective solutions are needed to keep up with those that threaten our network infrastructures.

Next-Generation Firewalls are integrated network platforms that consist of in-line deep packet inspection (DPI) firewalls, Intrusion Prevention Systems, Application Inspection and Control, SSL/SSH inspection, website filtering, and Quality of Service (QoS)/bandwidth management in the network to protect the network against latest sophisticated attacks. This session will cover NGFW features, uses, business case and vendor offerings. It will also provide the participant with a roadmap on how to audit and manage a NGFWs.

Target Audience

Target audience includes information security engineers, technical auditors, and IT compliance.

Speaker Bio

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

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 QSA and PA-QSA as VP for K3DES.

Mike was president of the LA ISACA Chapter during 2010-2012 and president of the SF ISACA Chapter 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 is currently Certification Chair for LA ISACA and has taught CISA review courses for over 20 years.

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