



Session #T2

Presenters:	Derek Koopowitz, Norm Gutierrez, Rob McIndoe – California State Automobile Association (AAA Northern California)
Presentation Title:	Infrastructure Vulnerability Assessments
Abstract:	
<p>The presentation will outline the reasons for a vulnerability assessment and will also provide a live demonstration on an infrastructure vulnerability assessment. Attendees will take away the knowledge and language to articulate to senior management the organizational benefits for performing an internal vulnerability assessment. We will focus on Windows servers, UNIX (Linux) and databases (Oracle and SQL Server) and provide an efficient methodology for performing each phase of a vulnerability assessment for these systems. Participants will see tools such as Nmap, Nessus, and other Windows null session exploit tools, password cracking etc., and demonstrations on how to conduct their own assessments using these tools. Attendees will gain a heightened level of awareness of how to identify where gaps may exist in their own organization.</p>	
Target Audience:	
<p>IT Audit Managers/Directors, IT auditors, and IT security specialists that have a working knowledge of Windows/Linux, databases and networks – intermediate to advanced skill levels.</p>	
COBIT Objectives:	
Speaker Bio:	



Derek Koopowitz – CISA

IT Audit Manager at California State Automobile Association (CSAA – AAA Northern California) – based in San Francisco. Derek has been working in IT since 1978 with the last 9 years in Internal Audit – 4 years at CSAA. Prior to CSAA, he worked as an audit/security consultant at Chevron for 5 years doing audit work all over the world. Overall, he spent almost 17 years working at Chevron as a consultant in various IT capacities and prior to that spent over 5 years at Bechtel as a consultant on various software projects. Derek currently has 4 IT auditors at CSAA with openings for 2 additional auditors in our Glendale, AZ office. The majority of audits at CSAA are very technical and focus on Windows server, UNIX, Oracle, MS SQL server, and networks. We also provide ongoing consulting to our IT division which is located in Glendale, AZ along with reviewing major software/hardware projects that are in flight. Derek has a Diploma in Electronic Data Processing from Witwatersrand College for Advanced Technical Education in South Africa.

Norm Gutierrez – CISA, CISSP

Senior IT Auditor at CSAA – based in San Francisco. Norm has been in the IT Industry for 18 years. Early in his career he was a consultant and a Novell Certified Netware Engineer (CNE) focusing on clients in the investment banking arena in San Francisco. During the mid 90's, Norm worked in the Silicon Valley where he held various engineering positions working closely with high-tech giants, such as Cisco and Intel. His extensive experience with hardware certifications, standards and partnerships with Novell, Microsoft and Redhat landed him opportunities during the dot.com boom where he experienced the value and need for IT controls. During his IT Audit career with CSAA, Norm has always evangelized the need for highly technical audits to gain an effective understanding of problems that an organization may be facing. Norm has a Bachelor's degree in Computer Science from San Francisco State University.

Rob McIndoe - CISSP, GSEC, CISA, CCNA, MCSE, MCT

Senior IT Auditor at CSAA – based in Glendale, AZ. Rob has been working in Information Security since 1995, beginning his career architecting and securing classified networks for the United States Air Force. He has also been an instructor providing training for the MCSE tracks for both Windows NT and Windows 2000. Prior to CSAA, Rob worked for Charles Schwab where he performed all web application security testing for their web sites and brought his experience to provide awareness and training to the Schwab development community of the ramifications of attacks like cross-site scripting and SQL injection. While at Schwab, he played a key role in institutionalizing the Open Web Application Security Project (OWASP) web application secure coding standards now in use at Schwab. He is a member of ISACA, ISSA, IIA, and IEEE. Rob has Master's degree in Management of Information Systems Security from Colorado Technical University.