

Security Automation

Conference & Expo



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National Institute of
Standards & Technology
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Located in the Red Auditorium at
the 550-acre NIST Campus in
Gaithersburg, Maryland.

Registration online:
[http://www.nist.gov/public_affairs/
confpage/070919.htm](http://www.nist.gov/public_affairs/confpage/070919.htm)

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September 19 - 20, 2007

NIST Campus, Gaithersburg, MD USA



IT Security Automation Conference

Hear How the Public and Private Sectors are Standardizing and Automating Security Operations and Compliance

Hear from Distinguished Speakers from
Government, Industry, and Academia including:

The Honorable Karen S. Evans (OMB)
Robert F. Lentz, DAS-DIIA (OSD)
Cita Furlani, Director ITL (NIST)
Tim Grance, Program Manager (NIST)
Dennis Heretick, CISO (DOJ)
Richard Hale, CIAO (DISA)
Sherrill Nicely, Deputy Associate Director (DNI)
Alan Paller, Director of Research (SANS)
Tony Sager, Chief (NSA)
Ron Ross, Program Manager (NIST)

Additional Information:

nvd.nist.gov/events.cfm

Detailed Description:

Implementing cost-effective, risk-based information security programs continues to be a top priority for federal, state, and local governments, as well as private sector enterprises. Improving the security of information systems and demonstrating compliance with laws, directives, regulations, standards, and guidance can present some unique challenges to organizations. These challenges can include, for example, the selection and implementation of appropriate security controls for information systems and the associated compliance-related activities to demonstrate security control effectiveness.

This conference presents projects and integration efforts that facilitate the automation and standardization of vulnerability management, security measurement, and compliance checking. A key automation effort includes converting English text contained in various security-related publications (i.e., NIST Special Publication 800-53, DISA security guidance, configuration guides, checklists, etc) into standard, machine-readable XML formats comprising SCAP (e.g., XCCDF and OVAL). The objective of this automation effort is to provide a common understanding and semantic context for organizations and individuals using scanning tools and checklists/configuration guides, and for auditors conducting assessments of security control effectiveness. Among the many other use cases, the objective is to use commercial off-the-shelf (COTS) tools to automatically check the security properties of information systems and effectively map security compliance requirements.