The National Information Assurance Partnership: One Year Later

Session Chair: Kris Britton, NIAP

Panelist: Linda Gilmore, SPARTA, Inc.
Bernard Ramsey, Federal Aviation Administration
Marshall Abrams, MITRE Corporation

Panel Abstract:

In 1997, the National Security Agency and the National Institute of Standard and Technology formed the National Information Assurance Partnership (NIAP) to cooperatively promote commercially available information security through the facilitation of product/system security specification, analysis and testing. Since its inception, the NIAP has created a number of services and initiatives to aid organizations in expressing security requirements, testing against those requirements as well as furthering the state of the art in commercial security testing. This panel will describe the services the NIAP is offering as well as some specific activities that have been initiated in the last year.

Panelist: Linda Gilmore, SPARTA, Inc.

Abstract:

SPARTA, Inc. is developing a Common Criteria (CC) Toolbox which is an integrated set of tools to aid system developers and profile authors in the basic tasks associated with the CC (that is, generating a Protection Profile (PP) and a Security Target (ST)). Two separate tools are being developed for different applications against the CC. The CC toolbox in its final form will consist of:

- CC Developer's Assistant (CCDA) tool which aids a system developer in developing a PP Security Target (ST) that describes an existing IT system, or with developing an ST for an input PP.

- Profile Author's Assistance tool which aids a Domain Authority or other PP author in preparing a PP that describes the security environment, objectives, and requirements of their IT system.

This presentation will describe how the CC Toolbox will simplify and streamline the use of the CC for system developers and Protection Profiles (PP) authors by aiding in generating the introductory documentation that is needed to produce CC based specifications.

Panelist: Marshall D. Abrams, MITRE Corporation
Bernie Ramsey, Federal Aviation Administration

Abstract:

The Federal Aviation Administration (FAA) has developed a Common Criteria (CC) Protection Profile (PP) for a nationally-distributed system used to monitor and maintain the National Airspace System (NAS), called the NAS Infrastructure Management System (NIMS). The NIMS PP is one of the first system PPs in the US. The NIMS PP has been reviewed by a National Information Assurance Partnership (NIAP) team to aid determining the suitability of the CC for specifying the security characteristics of systems. The presentation will report on lessons learned.