DOD
IA Education, Training, Awareness Products

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Agenda

- Who we are and what we do

- Training Products
  - Personnel Certification
  - Professionalization of the IA Workforce
  - Support to the Warfighter

- Products Under Development

- Future Products

- Videos

- How to Order Products
DOD IA ETA Mission

◆ Provide standardized information assurance (IA) products for Combatant Commands/Services/Agencies to integrate into their IA education, training & awareness (ETA) programs

◆ Develop products to support the DOD-wide IA career field or professional/certification programs

◆ Assist other DOD components in developing and/or conducting INFOSEC training activities

◆ Support DOD and Federal IA education, training & awareness outreach programs
Derivation of Requirements

*Direction derived from:*

- Assistant Secretary of Defense/Command, Control, Communications & Intelligence (ASD/C3I)
  - Director, IA
  - DIAP

- Joint Staff (J6)

- Service HQs  IA Program Offices

- Operators (i.e., DOD CERT)

- Training Organizations
  - Service schools
  - Service & agency training organizations
  - DISA trainers
Prioritization of Requirements

- Priorities established by ASD/C3I

- Prioritization considerations
  - Certification requirements
  - Magnitude of need
  - Availability of funding
  - Availability of content
  - Availability of external funding

- Factors bearing on prioritization:
  - Command decision
  - Rapid transition to new technology impacting existing media products
  - Emergence of new IA policies/concepts
Approach

- DOD-centric with focus on commonality across organizational lines
- Collaborate with other Federal agencies using their dollars to create products that support their unique training programs
# Target Audience

**Combatant Commands/Services/Agencies**

1.5M personnel DOD-wide

- DOD, Federal Government, state and local governments
- Sectors of U.S. critical information infrastructure
- Each educational level of the national military and civilian academic community
- NSA Designated Centers of Excellence
Categories of Products

- Personnel Certification
- Professionalization
- Support to Warfighter
Categories of Products

Personnel Certification

- DOD Information Assurance Awareness
- Operational Information Systems Security
- Windows NT Security
- UNIX Security
- CyberProtect
Categories of Products

Professionalization

- Designated Approving Authority (DAA)
- DITSCAP
- Certifiers Fundamentals
- Web Security
- System Admin Incident Prep & Response – UNIX
- System Admin Incident Prep & Response – Win NT
Categories of Products

Support to the Warfighter

- Information Operations Fundamentals
- Defense in Depth
- Information Age Technology
- Computer Network Defense
- Public Key Infrastructure
- IA for Auditors & Evaluators
- Active Defense – An Executive’s Guide to IA
Active Defense - An Executive’s Guide to Information Assurance

- Based on a Carnegie Mellon course
- Provides high-level overview of IA with emphasis on taking ownership of security of computers
- Treats computer security as a matter of survivability vs. an overhead issue
DOD Certifiers Fundamentals

100% COMPLIANCE WITH NATIONAL SECURITY SYSTEMS STANDARD FOR CERTIFIERS (4015).

- Based on the NSTISSI 4015
- Presents the certifier responsibilities enumerated in NSTISSI No. 4015 in the context of the NIACAP, NSTISSI 1000, DITSCAP
- Technically expert students with 5 years IA experience
Firewall and Router Basics

- An introduction to the security aspects of firewalls and routers for operating and maintaining secure information systems and networks within a networked environment.

Database Security

- Provides training on database security with an emphasis on performing IT security, including risk assessment and security procedures.
- Helps database administrators understand select areas of database environment and policy using Oracle 9i as an example.

Windows 2000 Security

- Security as it pertains to Windows 2000, both server and workstation.
- Shows various ways to secure Windows 2000 systems and addresses current vulnerabilities.
- Addresses Gold Standard
CyberOps

- Five year effort:
  - Net Builder (2 yrs)
  - Net Defender
  - Net Assurer
  - Net Warrior

- Enhancement of code developed by USMA Dept of Electrical Engineering and Computer Science with interactive, web-based graphics

- Modular IA exercise as an academic classroom, technical training and information warfare exercise support tool

- Each module increases depth and realism of exercise play, using a building block approach.
System Defender (Joint DISA/NSA product)

- Product is for anyone in a position to set up security for a system and react if there is a breach.
- Teaches a methodology of proactive defense
- Provides practice through the use of several scenarios.
- Web-based due to opportunity to easily update, allows student-tracking database, via web server and is compatible with ADA 508 requirements.
- Audience includes SAs, ISSOs, ISSMs, Net Admins with Level 2 experience.
DITSCAP Overview/SSAA Preparation Guidance

◆ Overview of the DITSCAP
◆ Detailed guidance on the contents necessary to complete an SSAA
◆ Outline presented in the DITSCAP Application Manual, DOD 8510.1-M
◆ Audience is information system certification team members, ISSMs, ISSOs, SAs, and other personnel responsible for writing or reviewing the SSAAs
◆ This product will also be useful for preparation of an SSAA using the National Information Assurance Certification and Accreditation Process (NIACAP), NSTISSI No. 1000
IA for Legal Workforce

- For government lawyers who need to understand legal and policy issues, both current and emerging, associated with IA and CIP/Homeland Security.
- Will address issues such as FOIA and privacy, Foreign Intelligence Surveillance Act (FISA), monitoring, use of force, including computer operational law and awareness of criminal activity.
- Audience: Combatant Commands/Components SJA; Regional JAGs; IA, IO, CIP and Intel specialists; SAs, ISSOs, DAAs, Red Teams,CERTs, web developers who need IA legal awareness
Videos
IA Videos

- Networks at Risk (NCS) (10 min)
- The Information Front Line (IC) (10 min)
- Bringing Down the House (IC) (11 min)

- Computer Security 101 (DOJ) (10 min)
- Computer Security: The Executive Role (DOJ) (10 min)
- Safe Data - Its Your Business (DOL) (18 min)
- Think Before You Respond (USGov) (3 min)

- Protect Your AIS (USGov) (6 vignettes)
- Protect Your AIS - The Sequel (USGov) (30+ vignettes) (30 min)
- Doctor D Stroye (USGov) (7 min)
- The Scarlet V (USGov) (7 min)

http://iase.disa.mil
Magnificent Discretion (USGov) (5:02 min)
Bits and Pieces (USGov) (4:30 min)
Just the Fax (USGov) (7:51 min)
Ears Looking at You (USGov) (8 min)
Sherman on My Mind (USGov) “AIS Misuse”

Solar Sunrise: Dawn of a New Threat (NACIC, NIPC, FBI) (18 min)
Risky Business (NACIC, FBI) (~20 min) (Insider Threat)
Understanding PKI (IPMO)
Order Products Online

For product order form, product descriptions, and frequently asked questions/product notes:

◆ web: http://iase.disa.mil/infosec
   Sign up for automatic e-mail notification of new products

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