Introducing . . .
FedVTE and FedCTE

Sponsored by:

Cybersecurity Education and Workforce Development Program (CEWD)
DHS National Cyber Security Division

October, 2010

Agenda

- FedVTE and FedCTE overview & how to get involved
  Benjamin Scribner, *DHS/NCSD/CEWD Lead: FedVTE and FedCTE*

- Q & A
  Jeanne Henifin, *FedCTE Project Coordinator, Department of State /Diplomatic Security Training Center*

  Hassan Gharekhanloo, *Chief or Corporate Systems, Department of State/Foreign Service Institute*

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COMING TO A PC NEAR YOU!!!!
First Quarter 2011

✓ **IT Security Courseware and Hands-on Labs, via the Federal Virtual Training Environment (FedVTE)**

– and –

✓ **Federal Cybersecurity Training Exercise Program (FedCTE)**

CNCI Education Initiative

Senior Steering Committee - *civilian, intelligence, defense, law enforcement*

DHS/Department of State Cybersecurity Training Partnerships:

- *Foreign Service Institute – FedVTE*
- *Diplomatic Security Training Center - FedCTE*

Drivers/Objectives:

- *Develop a framework for cybersecurity training/career development that keeps pace with technological change*
- *Focus on role-based, specialized skills of current cybersecurity personnel to expand the capabilities of today's workforce*
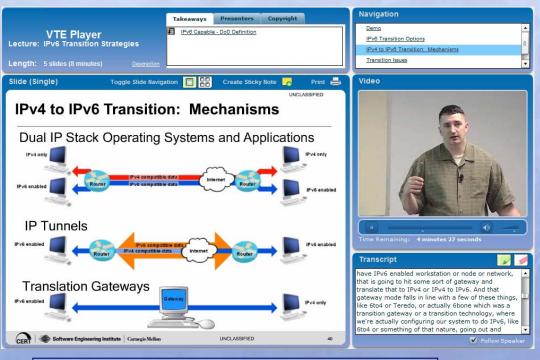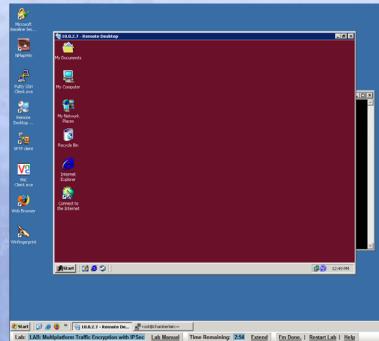
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Virtual Training Environment

Online, on-demand, and available to 125K Federal IT Security users!

Over 800 hours of role-based training

More than 75 hands-on virtual labs

Hosting and help desk by Department of State, Foreign Service Institute

… and FULLY FUNDED!

Application, content, and instructor support by Carnegie Mellon University/Software Engineering Institute

Cybersecurity Training Exercises

Interactive, experiential training for Federal cybersecurity workforce

- Close training gaps
- More frequently refresh knowledge and skills
- Rapidly disseminate new techniques

- Foster cross-governmental collaboration
- Promote inter-Agency sharing of best practices

Learn

Interact

Operational Readiness

Practice

- Reinforce learning concepts
- Build skills and experience
- Provide a safe environment for experimentation

U.S. Department of State
Diplomatic Security Training Center
FLETA Accredited

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FedVTE and FedCTE Status

Q3FY10: Established FedVTE on DOS FSI servers!

Limited availability Pilot

FedVTE

FY10   FY11

Establish office of primary responsibility at each Agency for FedVTE implementation

Establish Content Configuration Board

Q1FY11: Full deployment
- Cutover of DoD users (~30K)
- Initiate gradual roll-out to new users (~100K)

16 July, 2010: First FedCTE Pilot!

8, 9, & 18 November, 2010: Second FedCTE Pilot

FedCTE

FY10   FY11

Q1FY11: Develop FedCTE program plan

Government-wide rollout of FedCTE

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How to Get Involved

Help us establish a point of contact at your Agency

1. Select a point of contact from your office who…

   - Can <u>authorize</u> access to IT security training

   - Has <u>visibility</u> into your agency's IT security workforce

   - CIOs and CISOs nominate points of contact from their organization by sending the full name(s) and contact information to FedVTE@dhs.gov

2. POCs will…

   - Authorize distribution of FedVTE accounts

   - Distribute calling notices for upcoming FedCTE events

   - Help shape the program in support of agency needs

   - Keep you informed as these programs evolve

NOTE: Each agency will have one primary point of contact, but can also use multiple secondary points of contact.

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For more information on the FedVTE or the FedCTE, contact FedVTE@dhs.gov or FedCTE@dhs.gov.

BACKUP

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Operation Cyber Threat 1.0

July 16 2010

- Received more than 100 applications for 68 seats

- Participants from 25 agencies and 38 cities across the US

- Rave reviews in survey response

- Experiential and interactive training

- Shared best practices and developed inter-agency contacts

- Team building

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VTE Material and Usage

- **Course Highlights:**
  - CompTIA Security+ Prep
  - CompTIA Network+ Prep
  - CompTIA A+ Prep (Summer 2010)
  - (ISC)^2 CISSP Prep
  - Cisco CCNA
  - Cisco Security (Summer 2010)
  - Certified Ethical Hacker (Summer 2010)
  - Wireless Security
  - Incident Handling

- **Courses and Content Updated quarterly by SEI**

- **Lifetime Usage Statistics (to DoD)**

  - 445,874 hours of training delivered
  - That's almost 15,000 person-weeks of training!
  - 85,044 Labs delivered
  - 36,880 Users

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Federal Integration

- Learning Management System integration
  - VTE includes progress and completion reports
  - Variety of filters
  - Export to HTML, XML, CSV (through browser UI)

- Registration/Helpdesk
  - Registration through Agency POC
  - Technical and instructor support will be included as part of the FedVTE

- Custom Content
  - Short-term SEI requirement to assist with content
  - Contact FedVTE@dhs.gov to learn more

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