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
COMING TO A PC NEAR YOU!!!!

First Quarter 2011

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

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

**FedVTE**

- **Q3FY10**: Established FedVTE on DOS FSI servers!
- **FY10**: Establish office of primary responsibility at each Agency for FedVTE implementation.
- **Limited availability Pilot**

**FedCTE**

- **16 July, 2010**: First FedCTE Pilot!
- **Q1FY11**: Full deployment
  - Cutover of DoD users (~30K)
  - Initiate gradual roll-out to new users (~100K)
- **8, 9, & 18 November, 2010**: Second FedCTE Pilot
- **Q1FY11**: Develop FedCTE program plan
- **Government-wide rollout of FedCTE**

**Homeland Security**
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 authorize access to IT security training
   - Has visibility 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.

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