

Introducing . . .

FedVTE FEDERAL
VIRTUAL
TRAINING
ENVIRONMENT

FEDCITE

Sponsored by:

**Cybersecurity Education Office (CEO)
DHS National Cyber Security Division**

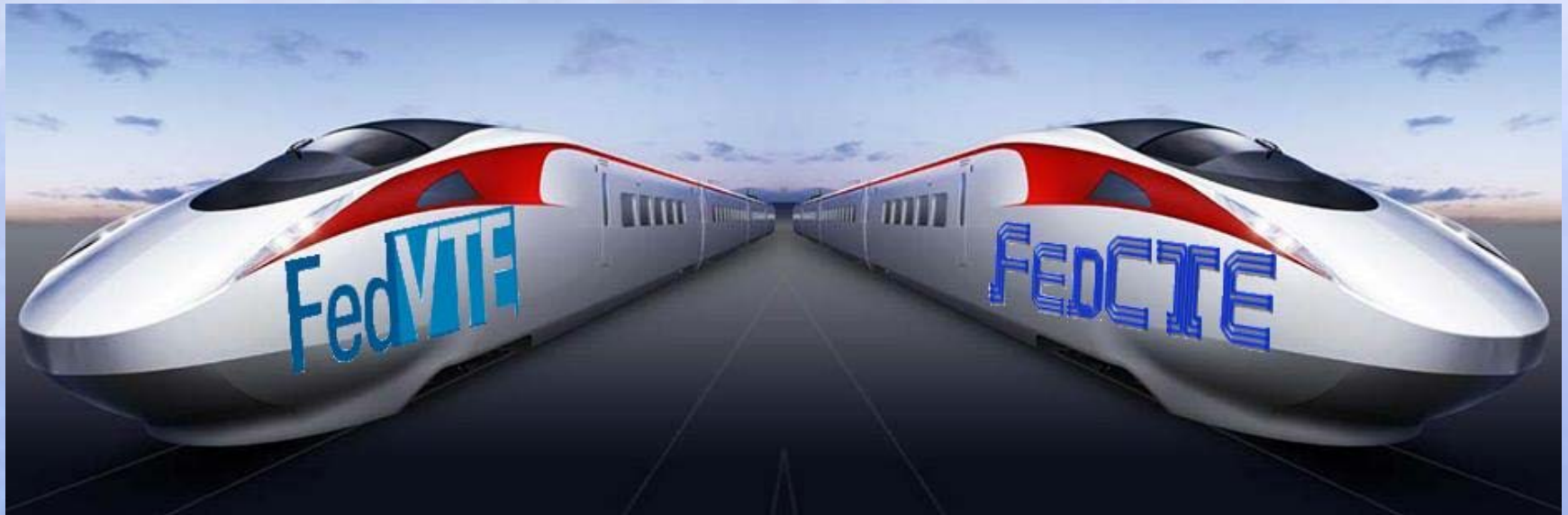
FISSEA 2011



**Homeland
Security**

Coming to a PC near you!

2011



Federal Virtual Training Environment (FedVTE)

Federal Cybersecurity Training Events (FedCTE)



Homeland Security

NSPD-54/HSPD-23

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:

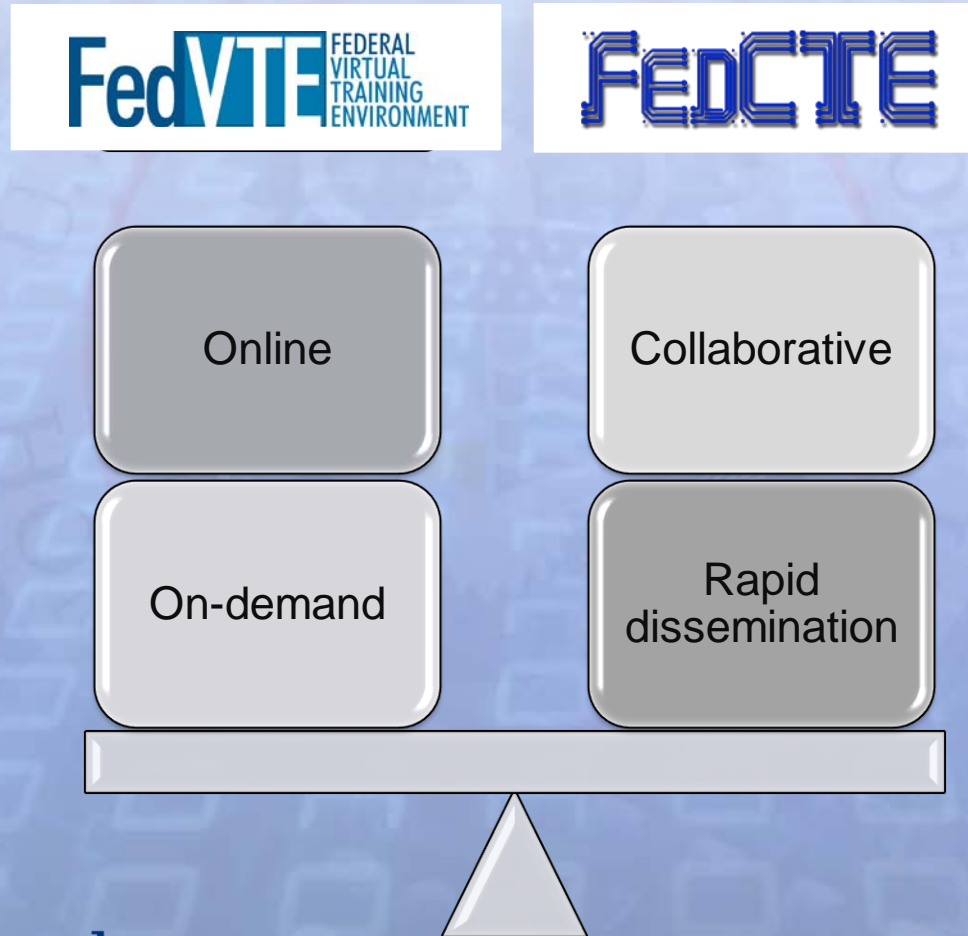
- *Develop a framework for cybersecurity training/career development that keeps pace with technological change*
- *Focus on role-based, specialized skills of current cybersecurity personnel to expand the capabilities of today's workforce*



Homeland Security

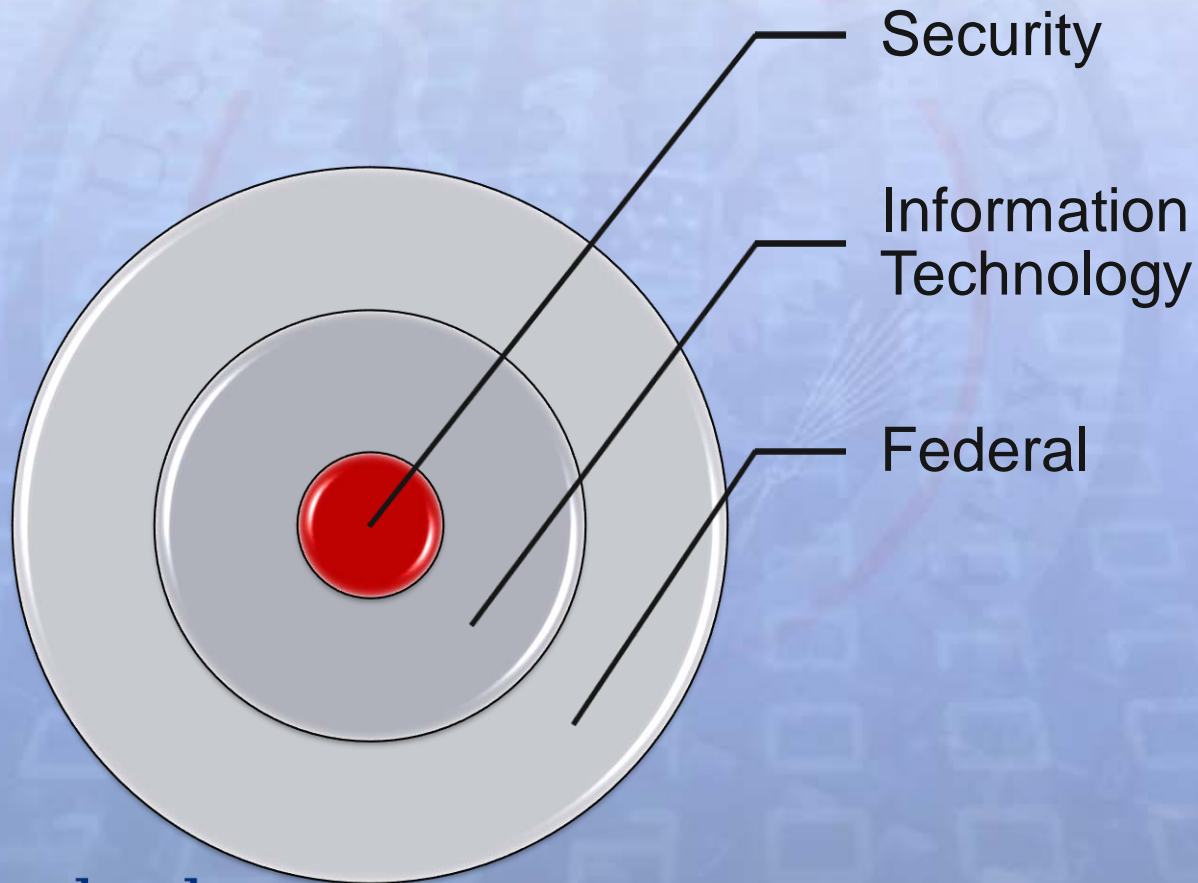
2-programs developed in parallel

To supplement role-based Federal IT security training



Audience


Personnel who protect U.S. Federal information & IT systems



Homeland Security

Virtual Training Environment

Online, on-demand IT security training



FEDERAL VIRTUAL TRAINING ENVIRONMENT

Takeaways Presenters Copyright

IPv6 Capable - DoD Definition

Length: 5 slides (8 minutes) Description

Navigation

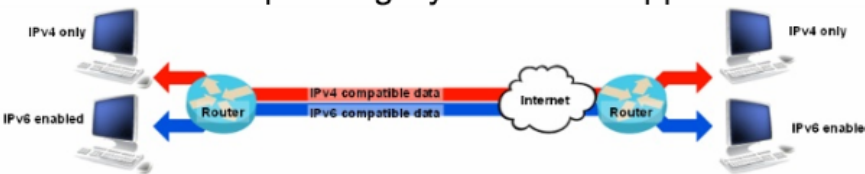
- Demo
- IPv6 Transition Options
- IPv4 to IPv6 Transition: Mechanisms
- Transition Issues

Slide (Single) UNCLASSIFIED

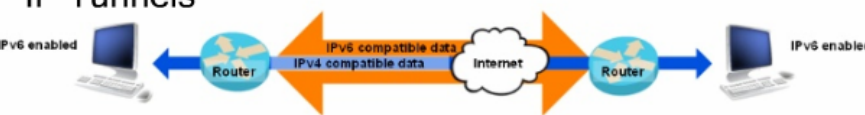
Toggle Slide Navigation ☐ ☐ Create Sticky Note + Print 🖨

IPv4 to IPv6 Transition: Mechanisms


Dual IP Stack Operating Systems and Applications



IP Tunnels




Translation Gateways



CERT
Software Engineering Institute
Carnegie Mellon
UNCLASSIFIED
40

Video



Time Remaining: 4 minutes 27 seconds

Transcript

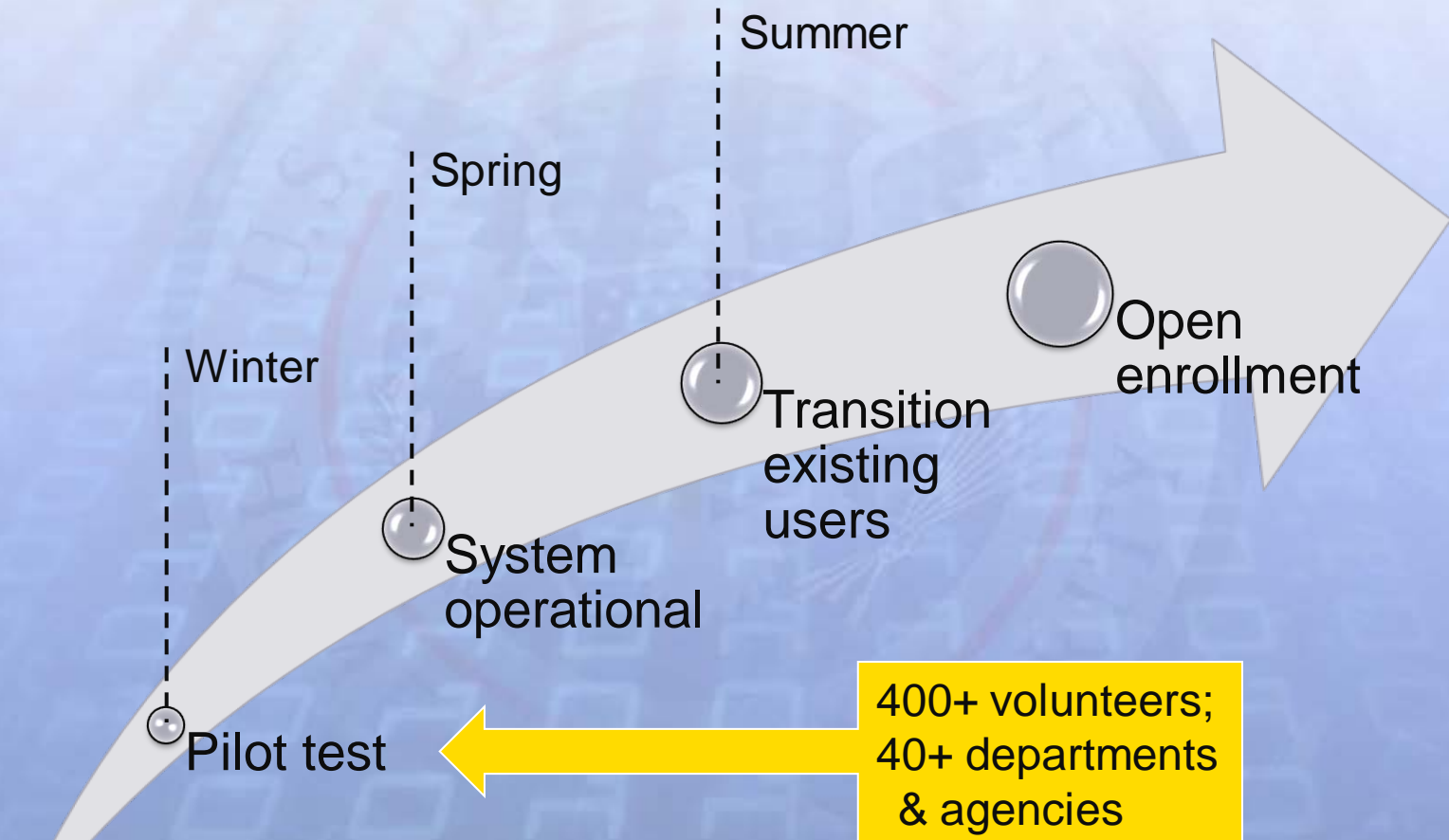
have IPv6 enabled workstation or node or network, that is going to hit some sort of gateway and translate that to IPv4 or IPv4 to IPv6. And that gateway mode falls in line with a few of these things, like 6to4 or Teredo, or actually 6bone which was a transition gateway or a transition technology, where we're actually configuring our system to do IPv6, like 6to4 or something of that nature, going out and

Follow Speaker



FedVTE Development

2011



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Cybersecurity Training Events

Interactive, experiential training for Federal cybersecurity workforce

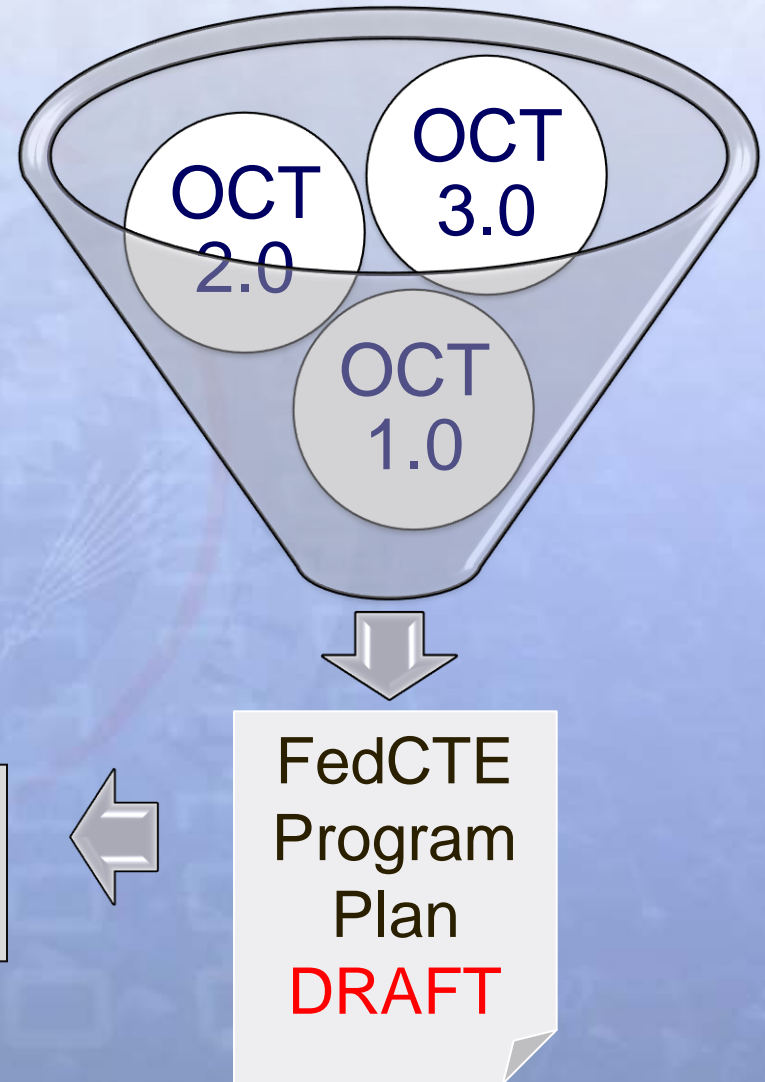


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FedCTE Program Development

Operation Cyber Threat (OCT)

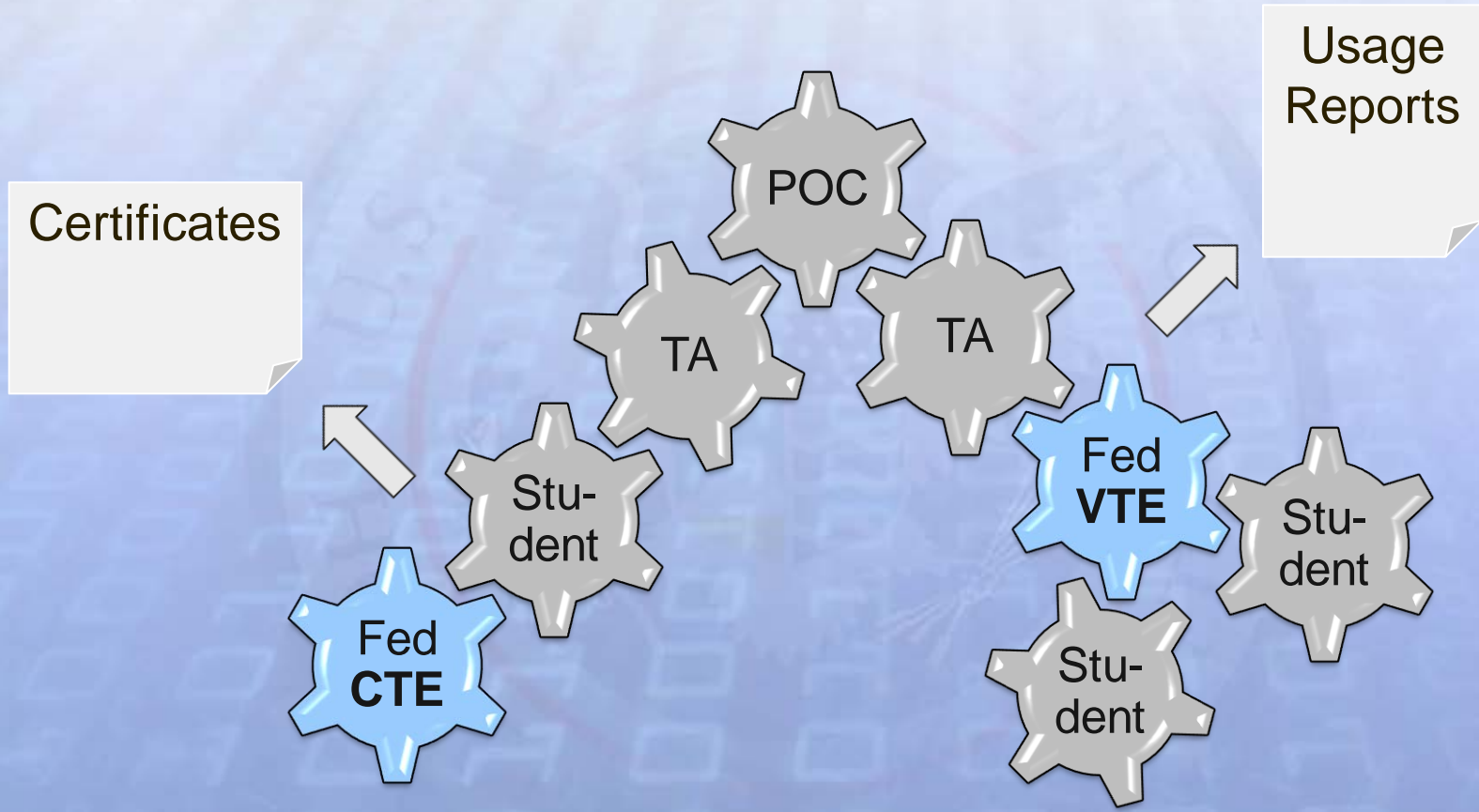
- 3 events in 6 months
- Mixture of collocated & distributed
- 98 students
- 41 agencies
- 38 cities



See DSTC information booth in the lobby for information on upcoming events



Here's how it works



POC = department/agency point of contact
TA = department/agency Training Advisor



Homework

Help us establish POCs and TAs at your Department or Agency.

- CIO or CISO must nominate a POC
 - Nomination email should be sent to FedVTE@dhs.gov
 - Include POCs full name and email address
- Get organized! Establish TAs who can...
 - Identify IT security personnel
 - Authorize training for personnel
 - Run reports



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