

Silk Project

Education and Training Status

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Silk Education and Training Partners

- Cisco
- CEENet (Central and Eastern European Network)
- Internet Society (ISOC)
- NATO
- Network Startup Resource Center (NSRC)
- RIPE (Regional Registry)

NREN Requested Topics (in priority order)

- 1. Distance Education**
- 2. Security**
- 3. Wireless**
- 4. IPv6**
5. Autonomous Systems
6. Caching
7. ENUM, VoIP
8. Other technologies

Silk Wireless Workshop

- Workshop #2 Wireless
 - (Silk Management Workshop #1)
 - 16-26 August 2004
 - Budapest
 - NATO ANW
 - With CEENet
 - All Silk countries represented (including AF)

Silk Security Workshop

- Workshop #3 Security
 - 21-24 June 2004
 - AM host
 - Local Committee: Grigor Babayan, Edgar Danielyan
 - Instructors: Robert Cowles, Yuri Demchenko, Armando Leite, Thiebaut Meyer and Mikhail Ganev from a CSIRT

Silk Security Workshop

- Program:
 - Security and policies
 - Networking basics, OSI model
 - Policy/role-based access control
 - Introduction to cryptography
 - Modern cryptography
 - Authentication and authorization
 - Intrusion detection and incident response

Silk IPv6 Workshop

- Workshop #4 IPv6
 - 15-17 September 2004
 - DESY host
 - Local Committee: Berezhnev, Frese
 - Instructors: Matt Falkner, Gerhard Gessler, Peter Kirstein, Gunter Van de Velde
 - 6NET funding

Silk IPv6 Workshop

- Program:
 - Background about ESA projects
 - MPE and ULE protocols
 - Silk NOC presentation
 - Introduction to IPv6
 - IPv6 in depth and operation
 - IPv6 deployment

Silk Distance Education Workshop

- Workshop #5 Distance Education
 - 20-25 September 2004
 - AZ host
 - Local Committee: Elchin Aliyev, Svetlana Hasanova
 - With input from Indiana University
 - Instructor: Oleg Lavrov, Estonia

Silk Distance Education Workshop

- Program:
 - Development of Distance Education in the Silk countries by participants
 - Present condition: problems and solutions
 - Stages and the necessity of planning
 - Testing the plan
 - Creation of educational materials: content
 - Carrying out training: processes, subjects, communications, etc.

Silk ccTLD Workshop

- Workshop #6 ccTLD
 - 11-13 October 2004 training in Bangkok
 - Additional Internet Society funding received to attend this workshop
 - Silk participants to train and those persons will help teach Silk workshop in Russian
 - November Silk workshop in Almaty?
 - Tool set and hands-on operational issues

Silk ccTLD Workshop

- Program:
 - Introduction to DNS, BIND, DNSSEC
 - Software and tools for building and operating a registry service and automation techniques
 - How to design and build a scalable registry
 - OpenReg toolset
 - Registry management best practices
 - Policies and procedures and ICANN/IANA
 - RFCs 1591 and 2901 and ethics

New Silk Workshops

- Workshop #7 Local Internet Registry (LIR)
 - Together with ccTLD workshop in Almaty?
 - RIPE workshop instructors
 - Additional RIPE funding received for instructors
- Workshop #8 Network Management, Measurement, and Optimization
 - Bishkek or Tashkent 2005

Silk Workshops Summary

- ✓ 1. Silk Management
- ✓ 2. Wireless
- ✓ 3. Security
- ✓ 4. IPv6
- ✓ 5. Distance Education
- 6. ccTLD – possibly combined with LIR?
 - November 2004 Almaty workshop?
- 7. Local Internet Registry
- 8. Measurement and Monitoring
 - Bishkek or Tashkent 2005

New Silk Workshops (Erratum)

- Workshop #6 ccTLD (will be #7)
 - Postponed until 2005
- Workshop #7 LIR (will be #6)
 - LIR was the next priority NREN topic
 - 8-10 December 2004 Almaty
- Workshops #3-#6 funded by the Internet Society