ACCOUNTING WORKSHOP

GigaABP &
Internet Next generation

22 JUNE 2001
ENSCHEDE
AGENDA

10.30 Welcome (Aiko Pras)
10.35 Introduction Internet NG (Aiko Pras)
10.45 Introduction GigaABP (Sander Hille)
11.00 Introduction & demonstration GigaABP 'ABP-server' (Martin Wibbels/Andrew Tokmakoff)
12.00 Metering of traffic flows (Remco Poortinga)

12.20 Lunch - Bastille

13.30 Provider based accounting (Robert Parhonyi)
14.30 Accounting architectures supporting user mobility (Minh Van Le, Ruben Marsman)
14.50 Functional Architecture for service exploitation (Henk Jonkers)
15.30 Payment and the Dutch payment infrastructure (Sander Hille)
16.15 Jalda Demo (Andrew Tokmakoff)
16.30 Mapping of User Selected QoS to RSVP and Diffserv Attribute (Paulus Karremans)
16.50 Wrap-up/discussie
ca. 17.30 End
ROLL CALL
THE
INTERNET NEXT GENERATION
PROJECT

http://ing.ctit.utwente.nl/

KEY FIGURES
GOALS
RESEARCH TOPICS
ACCOUNTING SPECIFIC RESEARCH
KEY FIGURES

START: 1-1-1999
DURATION: 4 YEARS

PARTNERS:
• CTIT
• ERICSSON EUROLAB NETHERLANDS
• TELEMATICS INSTITUTE - CENTRAL ORGANIZATION
  • KPN RESEARCH

• COSTS 2001: 2.5 MEURO (CTIT: 0.8 MEURO)
  • FTE 2001: 21 (CTIT: 7.5)
PROJECT GOALS

- INCREASE DUTCH CONTRIBUTION TO THE INTERNATIONAL DEVELOPMENT OF NEW INTERNET TECHNOLOGIES
  - INTERNET-2, IETF, IRTF

- KNOWLEDGE CENTER WITHIN THE NETHERLANDS

- WEB SITE(S), TUTORIALS, ONLINE TRAINING MATERIAL, ANTC & ETB
RESEARCH SUBJECT

• PROVISION OF QUALITY OF SERVICE IN THE INTERNET
  • IN CORE NETWORKS (WU3)
  • IN ACCESS NETWORKS (WU4)

• INTRODUCE ACCOUNTING (WU5)

• IMPROVE MANAGEMENT ARCHITECTURE (WU2)
WORK UNIT 5

INTERNET ACCOUNTING

• PROVIDER BASED ACCOUNTING (PBA)
  Cyclic approach: mobility, security, QoS

• MEASUREMENTS AND VISUALIZATION
  OF TRAFFIC FLOWS
APPROACH

Complete Requirements

subset 1

subset 2

subset 3

subset 4

initial requirements

revised requirements

revised requirements

revised requirements

initial design

revised design

revised design

revised design

initial implementation

revised implementation

revised implementation

revised implementation