IRTF-RG
Authentication Authorisation and Accounting ARCHitecture

chairs:
C. de Laat
J. Vollbrecht
• AAA-WG
  – Chartered originally to support many applications
  – 3 subgroups, one for every A
  – Authorization subgroup -> 6 application - domains
    » NASREQ, MOBILE IP, Internet printing, BB, E Commerce, Distance Learning
  – AAA-WG re-chartered to focus on NASREQ&MOBILE-IP

• AAAARCH
  – Research group started December 1999
  – Come up with model and architecture to support wide variety of applications over multiple administrative domains (kingdoms)
  – When ready for engineering ---> IETF
  – Documents ready in about 3 IETF's
The architecture's focus is to support AAA services that:

• can inter-operate across organizational boundaries
• are extensible yet common across a wide variety of Internet services
• enables a concept of an AAA transaction spanning many stakeholders
• provides application independent session management mechanisms
• contains strong security mechanisms that be tuned to local policies
• is a scalable to the size of the global Internet
• Chair(s)
  – John Vollbrecht - jrv@merit.edu
  – Cees de Laat - delaat@phys.uu.nl

• Mailing list(s)
  – aaaarch@fokus.gmd.de

• Web page
  – http://www.phys.uu.nl/~wwwfi/aaaarch
  – or follow links on the IRTF homepage

• We encourage participation!

• Tomorrow meeting 13-15h
Future AAA Application (ASP)

Layer 3/4 Switch

User-Home Organ.
Bandwidth Broker
Financial Organ.

User

Internet

Bandwidth Broker
Financial Organ.

Layer 3/4 Switch

Service Profiles

Content Server

Content Server

Content Server

ISP's

ASP

User

AAA

AAA

AAA

AAA