

Workshop 2009/10 Presentation Abstract

Broadband access: Security issues on broadband connection sharing

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The presentation evidences the importance of new models for Internet Access, focusing in the ones that are based on connection share. It describes several existing proposals to conclude that they are promising and viable solutions although they have severe security faults. Draw on the previous conclusion some considerations about security problems are stated:

- What are the security attributes that need to be preserved.
- What are the traditional technical solutions to tackle them and what are their applications constrains.

Finally, we explain the main guideline of our research, which is, the use of cryptography to make possible users identification and traffic accountability preserving citizen rights of privacy and anonymity.