Security and Privacy Working Group: Report, April, 2010

Karen Sollins
Jim Fenton
Co-Chairs
Status

• Leadership
  – Dirk Trossen (moved to U. Cambridge) has been invaluable and will continue to participate actively
  – Jim Fenton (Cisco) new co-chair
• Active participation: BT, Cisco, Comcast, NSN, Telecom Italia, U. Cambridge (Dirk Trossen)
• Bi-weekly webex meetings, recordings, notes, wiki activity
• Social TV paper (see below)
• Moving forward (see below)
Social TV paper

• Nearing an end, but not quite yet
  • Hopefully within a month
• Interesting conclusions:
  – Even the simplest composite is not simple
  – Requirement for clear distinction between information (generally PII) and meta-data
  – Requirement for some kind of ontology (both meaning of information and how one can reason over it)
  – Challenge of managing the information flow across application domain composition
  – Privacy issues in identity management services (see more below)
Looking forward: Identity Management Services

• Why do we need them? What might they do for us?
  – Many member companies have expressed interest, enthusiasm, dismay

• Reality: there are a number of them
  – Serving different needs
  – Not invented here
  – What does it mean to federate them
  – Primary privacy and security issues
  – Secondary (more subtle, second order) privacy and security issues
Defining what to do

• Survey existing entries: Hannes Tschofenig well along this path
• A challenging set of examples derived from member companies (list started on wiki)
• Taxonomy and translations among different existing technologies
• Propose a framework in which to analyze and compare them: Jim Fenton has proposal on the table
• Identify a set of key privacy issues in the context of the framework