

Applications Area Architecture Workshop

11/12 February 2008

Workshop Goals

- Examine architectural gaps in applications standards
- Explore sensible reuse of existing standards
- Brainstorm — share and develop ideas for solutions
- Kick off new work

Workshop Format

- Plenary discussion of goals and initial ideas, set up breakout topics
- Breakout sessions go into topics in detail
- Plenary discussion of breakout summaries

Breakout topics

- Use of HTTP for more than just web browsing — the question of updating BCP 56
- Protocol layering — looking at how protocols at the applications layer interact with those at the transport and network layers
- Localization and identity — considering aspects of protocols that need to change with different locales and different user identities; discovery of local services
- Synchronization

Breakout topics

- XML schemas
- URI templates — standardizing a mechanism for plugging functional templates into URIs
- HTTP authentication — looking at where to go with it to try to improve on the current state
- Email re-architecture — considering whether it would be wise to do some major redesign of Internet email

Breakout topics

- Push/pull/notify — considering a proposal for a notification framework as an alternative to polling
- Protocol Architecture Guide, a proposed informational document to record what we've learned over the years about what works and what doesn't