AGENDA

• 1 min - **Scribe selection**
• 4 min - **Agenda bashing**
• 45 min - **HTTP draft overview and discussion** [Mark Nottingham]
• 10 min - **Security properties discussion** [Paul Hoffman / Alexey Melnikov]
• 30 min - **HTTP-related draft discussion**
  • HTTP over SCTP [Preethi Natarajan]
  • Bidirectional HTTP [Mark Lentczner]
  • Mutual Authentication [Yutaka OIWA]
HTTP DRAFT-06 OVERVIEW

- ABNF Conversion
- p1-messaging-06
- p5-range-06
- p6-caching-06
ABNF CONVERSION

• Removal of implied LWS, being substituted by BWS, OWS, and RWS (already in draft -05)

• Used RFC5234 ABNF syntax, extended by list rule
  • 1 #element => element *( OWS "," OWS element )

• Added appendices with collected, normalized and sorted ABNF (with list rules being expanded)

• See ticket for details
PI-MESSAGING-06

- Introduction updated
- HTTP URL definition updated to be based on RFC3986
  - Lots of history (better summarized in RFC 3986) removed
- Non-ASCII content obsolete and opaque in header fields and reason phrase [#63 #74 #94 #111]
- Deprecated line folding (except in message/http) [#77]
- Disallow whitespace between field-name and colon [#30]
- Restored text about proxying OPTIONS * [#83]
P5-RANGE-06

- Better definition of custom ranges [#85]
P6-CACHING-06

- Extensive rewrite
- Removed 12+ pages
  - duplication of text / requirements
  - non-normative text
  - general intermediary language heading to p1
- Warnings no longer MUST [issue 138]
- Some clarification of method’s influence on caching [#139]
- Still in progress, but ready for first review
UPCOMING WORK

• Finish caching rewrite

• Messaging work on proxy operation, other adjustments

• Re-evaluate issues list, big issues remaining include:
  • Variant/Entity/Representation/Requested Entity [#69 #109]
  • ETag etc. in “status messages” [#22 #110]
  • Default charset for media types [#20]
SECURITY PROPERTIES

- Chartered deliverable
- No activity since Dublin
- Open issues
  - Suggestion to split “Existing HTTP Security Mechanisms” section into "browser-like" and "automation-like" subsections.
  - Authors don't think this is needed, so some suggested text is needed.
- Describe Microsoft NTLM authentication?
- A good definition of "Web Services" is needed?
HTTP-RELATED DRAFTS

• HTTP over SCTP [Preethi Natarajan]
• Bidirectional HTTP [Mark Lentczner]
• Mutual Authentication [Yutaka OIWA]