Messaging Abuse Reporting Format

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Agenda

- 17:10-17:15 Blue sheets & agenda bashing
- 17:15-17:25 MARF's Greatest Hits
- 17:25-17:30 OMA SpamRep & SREP
- 17:30-17:35 What's next for MARF
- 17:35-17:40 Known related work
- 17:40-18:10 Any Other Business

MARF's Greatest Hits

- ## RFC5965 (8/2010) – ARF itself
  - Development began in MAAWG, moved to IETF for standardization
  - Now cited by three other RFCs, one from another WG

MARF's Greatest Hits

- RFC6430 (11/2011) – "not-spam" feedback type
  - Came from mobile interests
- RFC6449 (11/2011) -- ARF best practices
  - Came from MAAWG, championed by JD Falk
  - External document published as Informational so it can be referenced easily by other RFCs

Not quite done yet…

- draft-ietf-marf-redaction (1/2012)
  - Redacting sensitive data from ARF messages
  - RFC Editor queue
  - Already seeing some use in industry
- draft-ietf-marf-authfailure-report (1/2012)
  - Extension to ARF for authentication failure reports
  - RFC Editor queue
  - Came to us from industry (DMARC)
  - Also influenced by DKIM reporting work

Not quite done yet…

- draft-ietf-marf-dkim-reporting (3/2012)
  - Forensic reporting of DKIM failures
  - RFC Editor queue
  - Based on open source work going back to early DKIM days
  - Heavily modified by IETF before publication
- draft-ietf-marf-spf-reporting (3/2012)
  - Reporting of SPF failures
  - RFC Editor queue
  - Spawned from DKIM reporting
  - Parallel work to support SPF-based reporting

Not quite done yet…

- draft-ietf-marf-as
  - MARF applicability statement; IETF's version of the MAAWG BCP
  - Now under AD Evaluation

What about FBL discovery?

- Our last chartered work item
- draft-ietf-marf-reporting-discovery
  - No proponent of the work after JD was unable to complete it

OMA SpamRep

- The ability to report spam using an XML document transmitted over HTTP POST
  - Meant for use by mobile handsets
- Obvious overlap with our work, so we tried to chart a convergence path, but this never got off the ground
  - No champion for the work
  - SpamRep has seen almost no adoption anyway
    - Though we're told someone wants to renew the work

Return of OMA: SREP

- Another OMA spam reporting initiative, this time trying to do so via IMAP extensions
- IETF has taken a very long time to figure out if we want to do this and, if so, where it should live
- OMA may have given up and decided to go out on their own
- Will know soon…

What's next for MARF?

- …not much
- Wait for AUTH48 on our four approved drafts
- Escort the AS through IESG Evaluation
  - IETF Last Call should start during or shortly after Paris
- Looks like they've all been clustered, so all five will publish together
  - Probably late spring or early summer

Known Related Work

- DMARC is an anti-phishing policy and reporting layer built on top of DKIM and SPF
  - Produced AFRF, which we developed and advanced as draft-ietf-marf-authfailure-report
  - Also includes an XML-based aggregate report structure
  - Will probably come to the IETF at the end of this year or early next
  - http://www.dmarc.org

Known Related Work

- MILE working group
  - Managed Incident Lightweight Exchange
  - Incident information sharing
  - Extensions to IODEF produced by the INCH WG
- SPFBIS working group
  - Moving SPF to Standards Track
- WEIRDS working group
  - Replacing WHOIS with something usable

Known Related Work

- X-ARF
  - Abuse reporting extensions built on top of ARF that the working group chose not to pursue
  - Stuff not related directly to messaging
  - http://www.x-arf.org
- Adding a "Port" field
  - Upcoming individual submission via MAAWG

Any Other Business

- Thank you all for your hard work editing and reviewing things!
- Open mic time