TLS Registries Update

Rich Salz*, Sabrina Tanamal (IANA) IETF 119

Miscellany

- Experts: Yoav Nir, Rich Salz, Nick Sullivan; two of three needed
- Still zero rejections
- Upcoming: protocols and algorithms will require TLS WG agreement or consensus or something
 - O Intent is ALPN, exporters, etc., do not.

Extensions

- In progress: Hybrid X509 from ASC X9.146 (ANSI, ISO to follow); allows client and server to pick which key in a hybrid cert to use, or both
 Withdrawn; it was premature
- DTLS return_routability_check:

```
O 61 rrc CH, SH Y N [draft-ietf-tls-dtls-rrc-10]
```

ECH: encrypted_client_hello, ech_outer_extensions, ech_required (temporary alert)

Cipher Suites, Signatures, Groups

Nothing new

ALPN and Exporters

- One in-progress:
 - o "co" CoAP (over DTLS)
 - "coap" text changed to "CoAP (over TLS)"
- No new exporters