LURK Interim BOF

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Via the Internet Thingy

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Materials:
https://datatracker.ietf.org/meeting/interim-2016-lurk-2/session/lurk/

IETF Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- By participating with the IETF, you agree to follow IETF processes.
- If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.
- You understand that meetings might be recorded, broadcast, and publicly archived.
- For further information, talk to a chair, ask an Area Director, or review the following:
    - BCP 9 (on the Internet Standards Process)
    - BCP 25 (on the WG processes)
    - BCP 78 (on the IETF Trust)
    - BCP 79 (on Intellectual Property Rights in the IETF)
    - Also see: http://www.ietf.org/about/note-well.html

Goals of Interm BOF

- Do we need a work group?
- If so, what would the charter look like?

Agenda

- Agenda Bashing (15 minutes)
- Probe Use Cases (30 minutes)
  - CDN-only / https://datatracker.ietf.org/doc/draft-sheffer-lurk-cert-delegation/
  - CDN-only / TLS/DTLS-only
    https://datatracker.ietf.org/doc/draft-mglt-lurk-tls-use-cases/
  - More than CDN-only /
    https://datatracker.ietf.org/doc/draft-hallambaker-lurk/
- Probe Solution Space
  - Delegating TLS Certificates to a CDN (15 minutes)
    - https://datatracker.ietf.org/doc/draft-sheffer-lurk-cert-delegation/
  - LURK TLS/DTLS Content Provider Edge Server (10 minutes – no draft)
    - https://datatracker.ietf.org/doc/draft-mglt-lurk-tls-abstract-api/
  - PFS-preserving protocol for LURK (15 minutes)
    - https://datatracker.ietf.org/doc/draft-erb-lurk-rsalg/
- Discussion: What does LURK look like? (10 minutes)
- Discussion: Way forward (25 minutes)

Use Cases

draft-mglt-lurk-tls-use-cases-01 (Daniel Migault)

LURK TLS/DTLS USE CASES

Solution Spaces

draft-sheffer-lurk-cert-delegation-00

DELEGATING TLS CERTIFICATES TO A CDN

LURK TLS/DTLS CONTENT PROVIDER EDGE SERVER

PFS-PRESERVING PROTOCOL FOR LURK

What Does LURK Look Like?

- Do we need more than a certificate issuing / lifetime BCP?

- Do we need a robust solution?

- Will a BCP satisfy 90% of the need if we also need a robust solution?

DISCUSSION: Way Forward