

GEOPRIV

IETF 74

Note Well

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- the IETF plenary session,
- any IETF working group or portion thereof,
- the IESG or any member thereof on behalf of the IESG,
- the IAB or any member thereof on behalf of the IAB,
- any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices,
- the RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 5378 and RFC 3979 (updated by RFC 4879).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult RFC 5378 and RFC 3979 for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.

Agenda

- 20m Administrivia/Charter discussion (Chairs)
- 30m draft-ietf-geopriv-lis-discovery (Thomson)
- 5m draft-ietf-geopriv-dhcp-lbyr-uri-option (Polk)
- 5m draft-ietf-geopriv-loc-filters (Rosen)
- 30m draft-barnes-geopriv-lo-sec (Cooper)
- 10m draft-mayrhofer-geopriv-geo-uri (Mayrhofer)
- 5m Straw-man strategy for DHCP geodetic location (Polk)
- 5m draft-polk-geopriv-dhc-geoelement-shape-option (Polk)
- 5m draft-tschofenig-geopriv-dhcp-circle (Tschofenig)
- 5m draft-thomson-geopriv-3825bis (Thomson)
- 5m Discussion of DHCP geodetic location (Chairs)
- 10m draft-polk-geopriv-include-exclude-filters (Polk)
- 10m draft-tschofenig-ecrit-trustworthy-location (Tschofenig)
- 10m draft-singh-geopriv-pidf-lo-dynamic (Schulzrinne)

Status

- -pdif-lo-profile: RFC Editor's queue (RFC 5491)
- -radius-lo: Last Call Requested
- -http-location-delivery: Publication Requested
- -civic-address-recommendations: Publication Requested
- -sip-lo-retransmission: Awaiting pub-req
- -policy: Awaiting referral to IESG
- -l7-lcp-ps: New version responds to AD review
- -lbyr-requirements: Ready for WGLC?

Re-charter update

- Chairs presented draft charter at IETF 72
 - Consensus on most parts
- Revised draft charter posted to list on Tuesday
 - Editorial updates
 - Marked milestones that have been met as "Done"
 - Removed text calling out third party queries as a special focus
 - Added milestone for DHCP geodetic updates
 - Added milestone HELD identity extensions
 - Added milestone for GEOPRIV privacy architecture

Draft charter (1)

The IETF has recognized that many applications are emerging that require geographic and civic location information about resources and entities, and that the representation and transmission of that information has significant privacy and security implications. We have created a suite of protocols that allow such applications to represent and transmit such location objects and to allow users to express policies on how these representations are exposed and used. The IETF has also begun working on creating applications that use these capabilities, for emergency services, general real-time communication, and other usages.

The GEOPRIV working group is chartered to continue to develop and refine representations of location in Internet protocols, and to analyze the authorization, integrity, and privacy requirements that must be met when these representations of location are created, stored, and used. The group will create and refine mechanisms for the transmission of these representations that address the requirements that have been identified.

Draft charter (2)

The working group will work with other IETF working groups and other standards development organizations that are building applications that use location information to ensure that the requirements are well understood and met, and that no additional security or privacy issues related to location are left unaddressed as these location information is incorporated into other protocols.

It remains a goal of the GEOPRIV working group to deliver specifications of broad applicability that will become mandatory to implement for IETF protocols that are location aware.

This working group will not develop location-determining technology. However, the IETF acknowledges that information used in the location-determination process will in some cases need to be carried over the Internet. Where necessary, this working group will develop protocols or protocol extensions to encode location-determination data structures defined elsewhere. This working group will not develop technologies to directly address any particular regulatory requirements (e.g. 9-1-1). The group will continue to coordinate with any other IETF entities that are working on those problems to ensure the technologies created here meet the needs of those entities, and that the authorization, integrity, and privacy requirements on the mechanisms provided by these technologies continue to be met.

Draft Charter (3)

Milestones:

Apr 2009 Submit Recommendations for Retransmission in SIP Location Conveyance to the IESG for publication as Informational

Apr 2009 Resubmit Geolocation Policy to the IESG for publication as PS

Jun 2009 Submit a LIS Discovery Mechanism to the IESG for publication as a PS

Jun 2009 Submit Requirements for Location by Reference Protocols to the IESG for publication as Informational

Sep 2009 Submit a DHCP Option for a Location Uniform Resource Identifier (URI) to the IESG for publication as PS

Sep 2009 Submit an Architecture for Location and Location Privacy to the IESG for publication as Informational

Dec 2009 Submit an update to the RFC 3825 DHCP format for geodetic location to the IESG for publication as PS

Dec 2009 Submit a Document Format for Filtering and Reporting PIDF-LO Location Notifications to the IESG for publication as PS

Dec 2009 Submit an extension to HELD to support explicit identifiers to the IESG as PS

Conclusions

- Ready for submission to IESG?
- New working group drafts
 - draft-barnes-geopriv-lo-sec
 - draft-winterbottom-geopriv-held-identity-extensions
 - draft-winterbottom-geopriv-deref-protocol
 - DHCP geodetic location draft TBD