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R. Gellens
Core Technology Consulting
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Changing the LoST Location Profile Registry Policy
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Abstract

This document changes the policy of the Location-to-Service Translation (LoST) Location Profile registry established by [RFC5222](#) from Standards Action to Specification Required. This allows standards development organizations (SDOs) other than the IETF to add new values.

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[1.](#) Document Scope

This document changes the policy of the Location-to-Service Translation (LoST) Location Profile registry [[reg](#)] established by [[RFC5222](#)] from Standards Action to Specification Required (as defined in [[RFC8126](#)]). This allows standards development organizations (SDOs) other than the IETF to add new values.

[2.](#) Introduction

The Location-to-Service Translation Protocol, LoST [[RFC5222](#)] uses a location profile when conveying location (e.g., in a mapping request and a service boundary result). [[RFC5222](#)] established an IANA registry of location profiles [[reg](#)], with a registry policy of Standards Action. This requires a standards-track RFC for any new registry values. The National Emergency Number Association (NENA) is an SDO that makes significant use of LoST in its emergency call specifications (e.g., [[NENA-i3](#)]) and has identified a need for additional location profiles. This document changes the registry policy to Specification Required, allowing other SDOs such as NENA to add values.

[3.](#) Security Considerations

No new security considerations are identified by this change in registry policy.

[4.](#) IANA Considerations

IANA is requested to change the policy of the Location-to-Service Translation (LoST) Location Profile Registry (established by [[RFC5222](#)]) to Specification Required. The expert reviewer is

designated by the responsible area director. The reviewer should verify that:

- o the proposed new value is specified by the IETF, NENA, or a similar SDO in which location profiles are in scope;
- o the proposed new value has a clear need (which includes there not being an existing profile that meets the need);
- o the profile specification is unambiguous and interoperable.

5. Acknowledgements

Many thanks to Ted Hardie for his helpful review and suggestions, and to Guy Caron for his suggestion to clarify that "clear need" includes there not being an existing profile.

6. References

6.1. Normative References

- [reg] "Location-to-Service Translation (LoST) Location Profile Registry", <<https://www.iana.org/assignments/lost-location-profiles/lost-location-profiles.xhtml>>.
- [RFC5222] Hardie, T., Newton, A., Schulzrinne, H., and H. Tschofenig, "LoST: A Location-to-Service Translation Protocol", [RFC 5222](#), DOI 10.17487/RFC5222, August 2008, <<https://www.rfc-editor.org/info/rfc5222>>.
- [RFC8126] Cotton, M., Leiba, B., and T. Narten, "Guidelines for Writing an IANA Considerations Section in RFCs", [BCP 26](#), [RFC 8126](#), DOI 10.17487/RFC8126, June 2017, <<https://www.rfc-editor.org/info/rfc8126>>.

6.2. Informative references

- [NENA-i3] National Emergency Number Association (NENA) Interconnection and Security Committee, i3 Architecture Working Group, , "Detailed Functional and Interface Standards for the NENA i3 Solution", 2016, <https://www.nena.org/page/i3_Stage3>.

Author's Address

Randall Gellens
Core Technology Consulting
US

Email: rg+ietf@coretechnologyconsulting.com

URI: <http://www.coretechnologyconsulting.com>