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Revision to Registration Procedures for IS-IS Neighbor Link-Attribute Bit Values

Abstract

RFC 5029, "Definition of an IS-IS Link Attribute Sub-TLV", defines an IANA registry called "IS-IS Neighbor Link-Attribute Bit Values". This document changes the registration procedure for that registry from "Standards Action" to "Expert Review". This document updates RFC 5029.

Status of This Memo

This is an Internet Standards Track document.

This document is a product of the Internet Engineering Task Force (IETF). It represents the consensus of the IETF community. It has received public review and has been approved for publication by the Internet Engineering Steering Group (IESG). Further information on Internet Standards is available in Section 2 of RFC 7841.

Information about the current status of this document, any errata, and how to provide feedback on it may be obtained at <https://www.rfc-editor.org/info/rfc9650>.

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1. Introduction

[RFC5029] defines the "IS-IS Neighbor Link-Attribute Bit Values" registry and specifies a registration procedure of "Standards

Action". In practice, this registration procedure is unnecessarily restrictive, as it prevents allocation of bits to experimental protocols, which in turn increases the risk of conflicts introduced by use of unregistered code points (so-called "code point squatting").

Accordingly, this document changes the registration procedure for the registry, as described in Section 2.

2. IANA Considerations

IANA has changed the registration procedure for the "IS-IS Neighbor Link-Attribute Bit Values" registry to "Expert Review" [RFC8126] and has listed this document as a reference for the registry. General guidance for the designated experts is defined in [RFC7370], and more specific guidance can be found in [RFC5029].

3. Security Considerations

This document does not affect the security issues discussed in [RFC5029].

4. References

4.1. Normative References

[RFC5029] Vasseur, JP. and S. Previdi, "Definition of an IS-IS Link Attribute Sub-TLV", RFC 5029, DOI 10.17487/RFC5029, September 2007, <<https://www.rfc-editor.org/info/rfc5029>>.

4.2. Informative References

[RFC7370] Ginsberg, L., "Updates to the IS-IS TLV Codepoints Registry", RFC 7370, DOI 10.17487/RFC7370, September 2014, <<https://www.rfc-editor.org/info/rfc7370>>.

[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>>.

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