
Stream: Internet Engineering Task Force (IETF)
RFC: [9650](#)
Updates: [5029](#)
Category: Standards Track
Published: August 2024
ISSN: 2070-1721
Author: T. Li
Juniper Networks

RFC 9650

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>.

Copyright Notice

Copyright (c) 2024 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to BCP 78 and the IETF Trust's Legal Provisions Relating to IETF Documents (<https://trustee.ietf.org/license-info>) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document. Code Components extracted from this document must include Revised BSD License text as described in Section 4.e of the Trust Legal Provisions and are provided without warranty as described in the Revised BSD License.

Table of Contents

| | |
|-----------------------------|---|
| 1. Introduction | 2 |
| 2. IANA Considerations | 2 |
| 3. Security Considerations | 2 |
| 4. References | 2 |
| 4.1. Normative References | 2 |
| 4.2. Informative References | 3 |
| Acknowledgements | 3 |
| Author's Address | 3 |

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>>.

Acknowledgements

The author would like to thank John Scudder for his contributions.

Author's Address

Tony Li
Juniper Networks
Email: tony.li@tony.li