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RFC 9515
Revision to Registration Procedures for Multiple BMP Registries

Abstract

This document updates RFC 7854, "BGP Monitoring Protocol (BMP)", by changing the registration procedures for several registries. Specifically, any BMP registry with a range of 32768-65530 designated "Specification Required" has that range redesignated as "First Come First Served".

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/rfc9515.

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1. Introduction

[RFC7854] creates a number of IANA registries that include a range of 32768-65530 designated "Specification Required". Each such registry also has a large range designated "Standards Action". Subsequent experience has shown two things. First, there is less difference between these two policies in practice than there is in theory (consider that [RFC8126] explains that for Specification Required, "Publication of an RFC is an ideal means of achieving this requirement"). Second, it's desirable to have a very low bar to registration, to avoid the risk of conflicts introduced by use of unregistered code points (so-called "code point squatting").

Accordingly, this document revises the registration procedures, as given in Section 2.

2. IANA Considerations

IANA has revised the following registries within the BMP group:

- BMP Statistics Types
- BMP Initiation and Peer Up Information TLVs
- BMP Termination Message TLVs
- BMP Termination Message Reason Codes
- BMP Route Mirroring TLVs
- BMP Route Mirroring Information Codes

For each of these registries, the ranges 32768-65530 whose registration procedures were "Specification Required" are revised to have the registration procedures "First Come First Served".

3. Security Considerations

This revision to registration procedures does not change the underlying security issues inherent in [RFC7854].

4. Normative References

[RFC7854] Scudder, J., Ed., Fernando, R., and S. Stuart, "BGP Monitoring Protocol (BMP)", RFC 7854, DOI 10.17487/RFC7854, June 2016, <https://www.rfc-editor.org/info/rfc7854>.

[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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