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Revision to Registration Procedures for Multiple BMP Registries
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Abstract

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

Status of This Memo

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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 is requested to revise the following registries within the BMP group:

- o BMP Statistics Types
- o BMP Initiation Message TLVs
- o BMP Termination Message TLVs
- o BMP Termination Message Reason Codes
- o BMP Peer Down Reason Codes
- o BMP Route Mirroring TLVs
- o 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".

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3. Security Considerations

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

4. Acknowledgements

Thanks to Jeff Haas for review and encouragement.

5. 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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