

Network Working Group
Internet-Draft
Updates: 7854 (if approved)
Intended status: Standards Track
Expires: 25 March 2024

J. Scudder
Juniper Networks
22 September 2023

Revision to Registration Procedures for Multiple BMP Registries
draft-ietf-grow-bmp-registries-change-04

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

This Internet-Draft is submitted in full conformance with the provisions of BCP 78 and BCP 79.

Internet-Drafts are working documents of the Internet Engineering Task Force (IETF). Note that other groups may also distribute working documents as Internet-Drafts. The list of current Internet-Drafts is at <https://datatracker.ietf.org/drafts/current/>.

Internet-Drafts are draft documents valid for a maximum of six months and may be updated, replaced, or obsoleted by other documents at any time. It is inappropriate to use Internet-Drafts as reference material or to cite them other than as "work in progress."

This Internet-Draft will expire on 25 March 2024.

Copyright Notice

Copyright (c) 2023 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. Acknowledgements	3
5. Normative References	3
Author's Address	3

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:

- * BMP Statistics Types
- * BMP Initiation Message 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 the existing [RFC7854].

4. Acknowledgements

Thanks to Jeff Haas for review and encouragement, and to Tom Petch for review.

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>>.

Author's Address

John Scudder
Juniper Networks
1194 N. Mathilda Ave
Sunnyvale, CA 94089
United States of America
Email: jgs@juniper.net