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Deprecation of BGP Path Attribute values 30, 31, 129, 241, 242, and 234

draft-ietf-idr-deprecate-30-31-129-00

Abstract

This document requests IANA to mark BGP path attribute values 30, 31, 129, 241, 242, and 243 as "deprecated".

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1. Introduction

It has been discovered that certain BGP Path Attribute values have been used in BGP implementations which have been deployed in the wild while not being assigned by the IANA for such usage. This has led to deployment problems for new technologies such as Large BGP Communities [I-D.ietf-idr-large-community].

The squatting of values 30, 31, 129, 241, 242 and 243 has been confirmed by the involved vendors or through source code review.

2. IANA Considerations

Per this document, IANA is requested to mark values 30, 31, 129, 241, 242, and 243 as "deprecated" in the "BGP Path Attributes" registry under the "Border Gateway Protocol (BGP) Parameters" group. The marking "deprecated" meaning "use is not recommended" ([I-D.leiba-cotton-iana-5226bis]).

3. Security Considerations

There are no meaningful security consequences arising from this registry update.

4. Informative References

[I-D.ietf-idr-large-community]
Heitz, J., Snijders, J., Patel, K., Bagdonas, I., Simpson, A., and N. Hilliard, "Large BGP Communities", draft-ietf-idr-large-community-05 (work in progress), October 2016.

[I-D.leiba-cotton-iana-5226bis]
Cotton, M., Leiba, B., and T. Narten, "Guidelines for Writing an IANA Considerations Section in RFCs", draft-leiba-cotton-iana-5226bis-18 (work in progress), September 2016.

Appendix A. Acknowledgements

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