

IDR  
Internet-Draft  
Intended status: Standards Track  
Expires: May 1, 2017

J. Snijders  
NTT  
October 28, 2016

**Deprecation of BGP Path Attribute values 30, 31 and 129  
draft-snijders-idr-deprecate-30-31-129-01**

Abstract

This document requests IANA to deprecate the following BGP path attributes values: 30, 31 and 129.

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 <http://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 May 1, 2017.

Copyright Notice

Copyright (c) 2016 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 (<http://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 Simplified BSD License text as described in Section 4.e of the Trust Legal Provisions and are provided without warranty as described in the Simplified BSD License.

## Table of Contents

<a href="#">1.</a>	Introduction . . . . .	<a href="#">2</a>
<a href="#">2.</a>	IANA Considerations . . . . .	<a href="#">2</a>
<a href="#">3.</a>	Security Considerations . . . . .	<a href="#">2</a>
<a href="#">4.</a>	Informative References . . . . .	<a href="#">2</a>
<a href="#">Appendix A.</a>	Acknowledgements . . . . .	<a href="#">2</a>
	Author's Address . . . . .	<a href="#">2</a>

## [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 and 129 has been confirmed by the involved vendors.

## [2.](#)    IANA Considerations

Per this document, IANA has marked values 30, 31 and 129 as "deprecated" in the "BGP Path Attributes" registry under the "Border Gateway Protocol (BGP) Parameters" group.

## [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.

## [Appendix A.](#)    Acknowledgements

The author would like to gratefully acknowledge Marlien Vijfhuizen who helped discover the squatting of value 30.

Author's Address



Job Snijders  
NTT Communications  
Theodorus Majofskistraat 100  
Amsterdam 1065 SZ  
NL  
  
Email: [job@ntt.net](mailto:job@ntt.net)