IANA Allocation Guidelines for the IPv6 Routing Header

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Abstract

This document specifies the IANA guidelines for allocating new values for the Routing Type field in the IPv6 Routing Header.

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1. Introduction

This document specifies the IANA guidelines [RFC5226] for allocating new values for the Routing Type field in the IPv6 Routing Header [RFC2460]. Previously, no IANA guidance existed for such allocations.

2. IANA Considerations

New Routing Type values are allocated through IETF Review or IESG Approval [RFC5226].

Note that two experimental values (253 and 254) are already available for use [RFC4727].

3. Security Considerations

This specification does not change the security properties of the Routing Header. However, past experience shows that it is easy to design routing headers that have significant problems [RFC5095].

4. References

4.1. Normative References


4.2. Informative References


Appendix A. Changes from RFC 2460

This document specifies only the IANA rules associated with the
Routing Type field.

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