
Stream: Internet Engineering Task Force (IETF)
RFC: [8958](#)
BCP: 65
Updates: [3405](#)
Category: Best Current Practice
Published: December 2020
ISSN: 2070-1721
Author: T. Hardie

RFC 8958

Updated Registration Rules for URI.ARPA

Abstract

This document updates RFC 3405 by removing references to the IETF tree from the procedures for requesting that a URI scheme be inserted into the URI.ARPA zone.

Status of This Memo

This memo documents an Internet Best Current Practice.

This document is a product of the Internet Engineering Task Force (IETF). It represents the consensus of the IETF community. It has received public review and has been approved for publication by the Internet Engineering Steering Group (IESG). Further information on BCPs is available in Section 2 of RFC 7841.

Information about the current status of this document, any errata, and how to provide feedback on it may be obtained at <https://www.rfc-editor.org/info/rfc8958>.

Copyright Notice

Copyright (c) 2020 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 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

- 1. [Introduction](#)
 - 1.1. [Requirements Language](#)
 - 2. [Updated Requirements](#)
 - 3. [IANA Considerations](#)
 - 4. [Security Considerations](#)
 - 5. [References](#)
 - 5.1. [Normative References](#)
 - 5.2. [Informative References](#)
- [Author's Address](#)

1. Introduction

Part Five of the Dynamic Delegation Discovery System (DDDS) [RFC3405] describes the registration procedures for assignments in URI.ARPA. The document requires that registrations be in the "IETF tree" of URI registrations. The use of URI scheme name trees was defined in RFC 2717 [RFC2717] but discontinued by RFC 4395 [RFC4395] and its successors. Since the use of trees was discontinued, there is no way in the current process set out in BCP 35 [RFC7595] to meet the requirement to register within that tree.

1.1. Requirements Language

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in BCP 14 [RFC2119] [RFC8174] when, and only when, they appear in all capitals, as shown here.

2. Updated Requirements

This document removes the normative requirement from RFC 3405 [RFC3405] for registrations in URI.ARPA to be from the IETF URI tree.

All registrations in URI.ARPA **MUST** now be for schemes that are permanent registrations, as described in BCP 35.

3. IANA Considerations

This entire document is updated instructions to IANA.

4. Security Considerations

This update does not change the security considerations in [RFC 3405](#) [RFC3405].

5. References

5.1. Normative References

- [RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <<https://www.rfc-editor.org/info/rfc2119>>.
- [RFC3405] Mealling, M., "Dynamic Delegation Discovery System (DDDS) Part Five: URI.ARPA Assignment Procedures", BCP 65, RFC 3405, DOI 10.17487/RFC3405, October 2002, <<https://www.rfc-editor.org/info/rfc3405>>.
- [RFC7595] Thaler, D., Ed., Hansen, T., and T. Hardie, "Guidelines and Registration Procedures for URI Schemes", BCP 35, RFC 7595, DOI 10.17487/RFC7595, June 2015, <<https://www.rfc-editor.org/info/rfc7595>>.
- [RFC8174] Leiba, B., "Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words", BCP 14, RFC 8174, DOI 10.17487/RFC8174, May 2017, <<https://www.rfc-editor.org/info/rfc8174>>.

5.2. Informative References

- [RFC2717] Petke, R. and I. King, "Registration Procedures for URL Scheme Names", RFC 2717, DOI 10.17487/RFC2717, November 1999, <<https://www.rfc-editor.org/info/rfc2717>>.
- [RFC4395] Hansen, T., Hardie, T., and L. Masinter, "Guidelines and Registration Procedures for New URI Schemes", RFC 4395, DOI 10.17487/RFC4395, February 2006, <<https://www.rfc-editor.org/info/rfc4395>>.

Author's Address

Ted Hardie

Email: ted.ietf@gmail.com