Network Working Group
Internet-Draft
Updates: RFC6455 (if approved)
Intended status: Best Current Practice
Expires: September 21, 2016

T. Hardie

March 20, 2016

Clarifying registry procedures for the Websockets sub-protocol registry

draft-hardie-rfc6455-iana-clarification-00

Abstract

This document clarifies the instructions to IANA for the sub-protocol registry set up for Websockets in RFC 6455.

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 September 21, 2016.

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.

1. Introduction

[RFC6455] section 11.5 sets up a Subprotocol Name Registry at IANA and directs IANA to use First Come First Serve registration procedures as set out in [RFC5226].

2. Clarified instructions

The tokens registered in the Websockets sub-protocol registry created by RFC 6445 Section 11.5 are matched using case-sensitive string match. IANA is, however, instructed to decline registrations in the registry which differ only as to case, in order to minimize potential confusion among different registered versions. For other useful advice on avoiding collision, registrants are encouraged to consult the non-normative section 1.9 of RFC 6445.

3. Security Considerations

This document describes an update to registry policy, not a protocol.

4. IANA Considerations

This document is, in its entirety, a clarification of the registry policy for the Websockets sub-protocol name registry.

5. Acknowledgements

Takeshi Yoshino, Anne Van Kesteren, Julian Reshke, and Alexey Melnikov reviewed this update.

6. Normative References

[RFC6455] Fette, I. and A. Melnikov, "The WebSocket Protocol", RFC 6455, DOI 10.17487/RFC6455, December 2011, <http://www.rfc-editor.org/info/rfc6455>.

[RFC5226] Narten, T. and H. Alvestrand, "Guidelines for Writing an IANA Considerations Section in RFCs", BCP 26, RFC 5226, DOI 10.17487/RFC5226, May 2008, <http://www.rfc-editor.org/info/rfc5226>.

Author's Address

Ted Hardie

Email: ted.ietf@gmail.com