

HTTPbis Working Group
Internet-Draft
Intended status: Informational
Expires: March 29, 2014

J. Reschke
greenbytes
September 25, 2013

**Initial Hypertext Transfer Protocol (HTTP)
Authentication Scheme Registrations
draft-ietf-httpbis-authscheme-registrations-08**

Abstract

This document registers Hypertext Transfer Protocol (HTTP) authentication schemes which have been defined in standards-track RFCs before the IANA HTTP Authentication Scheme Registry was established.

Editorial Note (To be removed by RFC Editor)

Discussion of this draft takes place on the HTTPBIS working group mailing list (ietf-http-wg@w3.org), which is archived at <http://lists.w3.org/Archives/Public/ietf-http-wg/>.

The current issues list is at <http://trac.tools.ietf.org/wg/httpbis/trac/query?component=authscheme-registrations> and related documents (including fancy diffs) can be found at <http://tools.ietf.org/wg/httpbis/>.

The changes in this draft are summarized in [Appendix B.8](#).

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 March 29, 2014.

Copyright Notice

Copyright (c) 2013 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

1.	Introduction	3
2.	Security Considerations	3
3.	IANA Considerations	3
4.	Normative References	3
Appendix A.	Initial Registry Contents	4
Appendix B.	Change Log (to be removed by RFC Editor before publication)	4
B.1.	Since draft-ietf-httpbis-authscheme-registrations-00 . . .	4
B.2.	Since draft-ietf-httpbis-authscheme-registrations-01 . . .	4
B.3.	Since draft-ietf-httpbis-authscheme-registrations-02 . . .	4
B.4.	Since draft-ietf-httpbis-authscheme-registrations-03 . . .	4
B.5.	Since draft-ietf-httpbis-authscheme-registrations-04 . . .	5
B.6.	Since draft-ietf-httpbis-authscheme-registrations-05 . . .	5
B.7.	Since draft-ietf-httpbis-authscheme-registrations-06 . . .	5
B.8.	Since draft-ietf-httpbis-authscheme-registrations-07 . . .	5

1. Introduction

This document registers Hypertext Transfer Protocol (HTTP) authentication schemes which have been defined in standards-track RFCs before the IANA HTTP Authentication Scheme Registry was established.

2. Security Considerations

There are no security considerations related to the registration itself.

3. IANA Considerations

[Appendix A](#) provides initial registrations of HTTP authentication schemes for the IANA HTTP Authentication Scheme registry at [<http://www.iana.org/assignments/http-authschemes>](http://www.iana.org/assignments/http-authschemes) (see Section 5.1 of [[draft-ietf-httpbis-p7-auth](#)]).

4. Normative References

- | | |
|--|--|
| [RFC2617] | Franks, J., Hallam-Baker, P., Hostetler, J., Lawrence, S., Leach, P., Luotonen, A., and L. Stewart, "HTTP Authentication: Basic and Digest Access Authentication", RFC 2617 , June 1999. |
| [RFC4559] | Jaganathan, K., Zhu, L., and J. Brezak, "SPNEGO-based Kerberos and NTLM HTTP Authentication in Microsoft Windows", RFC 4559 , June 2006. |
| [RFC5849] | Hammer-Lahav, E., "The OAuth 1.0 Protocol", RFC 5849 , April 2010. |
| [RFC6750] | Jones, M. and D. Hardt, "The OAuth 2.0 Authorization Framework: Bearer Token Usage", RFC 6750 , October 2012. |
| [draft-ietf-httpbis-p7-auth] | Fielding, R., Ed. and J. Reschke, Ed., "Hypertext Transfer Protocol (HTTP/1.1): Authentication", draft-ietf-httpbis-p7-auth-24 (work in progress), September 2013. |

Appendix A. Initial Registry Contents

Authentication Scheme Name	Reference	Notes
Basic	[RFC2617], Section 2	
Bearer	[RFC6750]	
Digest	[RFC2617], Section 3	
Negotiate	[RFC4559], Section 3	This authentication scheme violates both HTTP semantics (being connection-oriented) and syntax (use of syntax incompatible with the WWW-Authenticate and Authorization header field syntax).
OAuth	[RFC5849], Section 3.5.1	

Appendix B. Change Log (to be removed by RFC Editor before publication)

B.1. Since [draft-ietf-httpbis-authscheme-registrations-00](#)

Update [draft-ietf-httpbis-p7-auth](#) reference.

B.2. Since [draft-ietf-httpbis-authscheme-registrations-01](#)

Update [draft-ietf-httpbis-p7-auth](#) reference.

Closed issues:

- o <<http://tools.ietf.org/wg/httpbis/trac/ticket/308>>: "need to reserve 'negotiate' as auth scheme name"

B.3. Since [draft-ietf-httpbis-authscheme-registrations-02](#)

Update [draft-ietf-httpbis-p7-auth](#) reference.

B.4. Since [draft-ietf-httpbis-authscheme-registrations-03](#)

Update [draft-ietf-httpbis-p7-auth](#) reference.

B.5. Since [draft-ietf-httpbis-authscheme-registrations-04](#)

Closed issues:

- o <<http://tools.ietf.org/wg/httpbis/trac/ticket/382>>: "add OAuth auth scheme to initial registry contents"

Update [draft-ietf-httpbis-p7-auth](#) reference. Added OAuth 2.0 Bearer scheme.

B.6. Since [draft-ietf-httpbis-authscheme-registrations-05](#)

Update [draft-ietf-httpbis-p7-auth](#) reference.

B.7. Since [draft-ietf-httpbis-authscheme-registrations-06](#)

Update [draft-ietf-httpbis-p7-auth](#) reference.

B.8. Since [draft-ietf-httpbis-authscheme-registrations-07](#)

Update [draft-ietf-httpbis-p7-auth](#) reference.

Author's Address

Julian F. Reschke
greenbytes GmbH
Hafenweg 16
Muenster, NW 48155
Germany

EMail: julian.reschke@greenbytes.de
URI: <http://greenbytes.de/tech/webdav/>

