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Initial Hypertext Transfer Protocol (HTTP)  
Authentication Scheme Registrations  
draft-ietf-httpbis-authscheme-registrations-06

## 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](mailto: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.6](#).

## Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of [BCP 78](#) and [BCP 79](#).

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This Internet-Draft will expire on August 27, 2013.

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## 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> (see Section 2.3 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-22](#) (work in progress), February 2013.

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#### [Appendix A](#). Initial Registry Contents

Authentication Scheme Name	Reference	Notes
Basic	<a href="#">[RFC2617]</a> , <a href="#">Section 2</a>	
Bearer	<a href="#">[RFC6750]</a>	
Digest	<a href="#">[RFC2617]</a> , <a href="#">Section 3</a>	
Negotiate	<a href="#">[RFC4559]</a> , <a href="#">Section 3</a>	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	<a href="#">[RFC5849]</a> , 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.

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