Initial Hypertext Transfer Protocol (HTTP) Authentication Scheme Registrations
draft-ietf-httpbis-authscheme-registrations-10

Abstract

   This document registers Hypertext Transfer Protocol (HTTP)
   authentication schemes which have been defined in 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 A.2.

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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   and may be updated, replaced, or obsoleted by other documents at any
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   material or to cite them other than as "work in progress."

   This Internet-Draft will expire on August 10, 2014.

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Table of Contents

1. Introduction

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

2. Security Considerations

   There are no security considerations related to the registration
   itself.

   Security considerations applicable to the individual authentication
   schemes ought to be discussed in the specifications that define them.

3. IANA Considerations

   The table below provides registrations of HTTP authentication schemes
   to be added to the IANA HTTP Authentication Scheme registry at
   <http://www.iana.org/assignments/http-authschemes> (see Section 5.1
   of [draft-ietf-httpbis-p7-auth]).

```
+----------------+-----------+------------------------------------+
| Authentication | Reference | Notes                              |
| Scheme Name    |           |                                    |
+----------------+-----------+------------------------------------+
| Basic          | [RFC2617],|                                    |
|                | Section 2 |                                    |
| Bearer         | [RFC6750] |                                    |
| Digest         | [RFC2617],|                                    |
|                | Section 3 |                                    |
| Negotiate      | [RFC4559],| This authentication scheme violates|
|                | Section 3 | 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     |                                    |
+----------------+-----------+------------------------------------+
```

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-26 (work in
                                    progress), February 2014.

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

Changes up to the IETF Last Call draft are summarized in <http://
trac.tools.ietf.org/html/
draft-ietf-httpbis-authscheme-registrations-08#appendix-B>.

A.1. Since draft-ietf-httpbis-authscheme-registrations-08

Closed issues:

o <http://tools.ietf.org/wg/httpbis/trac/ticket/514>: "registration
   tables should be inside IANA considerations"

Clarified the IANA action to say "add".

Updated httpbis reference.

A.2. Since draft-ietf-httpbis-authscheme-registrations-09

Closed issues:

o <http://tools.ietf.org/wg/httpbis/trac/ticket/530>:
   "draft-ietf-httpbis-authscheme-registrations-09"

Updated httpbis 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/