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Abstract

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

Status of This Memo

This document is not an Internet Standards Track specification; it is published for informational purposes.

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). Not all documents approved by the IESG are a candidate for any level of Internet Standard; see Section 2 of RFC 5741[1].

Information about the current status of this document, any errata, and how to provide feedback on it may be obtained at http://www.rfc-editor.org/info/rfc7236[2].

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[1] https://www.rfc-editor.org/rfc/rfc5741.html#section-2
[2] http://www.rfc-editor.org/info/rfc7236
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1. Introduction

This document registers Hypertext Transfer Protocol (HTTP) authentication schemes that 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 registrations below have been added to the IANA "Hypertext Transfer Protocol (HTTP) Authentication Scheme Registry" at <http://www.iana.org/assignments/http-authschemes> (see Section 5.1 of [RFC7235]).

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	

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.

[RFC7235] Fielding, R., Ed. and J. Reschke, Ed., "Hypertext Transfer Protocol (HTTP/1.1): Authentication", RFC 7235, June 2014.

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