

# Initial Hypertext Transfer Protocol (HTTP) Authentication Scheme Registrations

## 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.

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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<br>Bearer<br>Digest<br>Negotiate | [RFC2617], Section 2<br>[RFC6750]<br>[RFC2617], Section 3<br>[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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