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

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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]).

<table>
<thead>
<tr>
<th>Authentication Scheme Name</th>
<th>Reference</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic</td>
<td>[RFC2617], Section 2</td>
<td></td>
</tr>
<tr>
<td>Bearer</td>
<td>[RFC6750]</td>
<td></td>
</tr>
<tr>
<td>Digest</td>
<td>[RFC2617], Section 3</td>
<td></td>
</tr>
<tr>
<td>Negotiate</td>
<td>[RFC4559], Section 3</td>
<td>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).</td>
</tr>
<tr>
<td>OAuth</td>
<td>[RFC5849], Section 3.5.1</td>
<td></td>
</tr>
</tbody>
</table>
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",

            Kerberos and NTLM HTTP Authentication in Microsoft

            April 2010.


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