Raw-Public-Key and Pre-Shared-Key as OAuth client credentials

By
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Acknowledgements

This document is highly inspired by [I-D.ietf-oauth-mtls] written by B. Campbell, J. Bradley, N. Sakimura and T. Lodderstedt.
Client Credentials

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Client credentials as defined by the OAuth 2.0 framework is username and password, which is not as suitable for constrained devices.
Two new OAuth Client Credentials

Raw-Public-Key

(D)TLS handshake is done according to [RFC7250] to authenticate the client.

Pre-Shared-Key

(D)TLS handshake is done according to [RFC4279] to authenticate the client.
Scope

In Scope

Token requests and

Introspection requests

Out of Scope

Client binding of resource requests
Relates to

draft-ietf-ace-oauth-authz

Specifies how OAuth 2.0 is adapted to constrained environments.
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   Specifies a profile using for the ACE framework using DTLS

draft-ietf-oauth-mtls

   Specifies how to use X.509 certificates as OAuth 2.0 client credentials