

Working Group Charter

This Working Group Charter establishes the Scope and intellectual property terms used to develop the materials identified in this Working Group Charter for the Project. Only Project Steering Members, Associates, and Contributors that Joined the Working Group will be bound by its terms and be permitted to participate in this Working Group.

1. Working Group Name. **DID Authentication WG**
2. Working Group Scope.

The purpose of this working group is to design, recommend and implement authentication and authorization protocols that rely upon open standards and cryptographic protocols using DIDs and DID Documents.

Recommendations and development of specifications, protocols, and formats for data structures used for authentication and authorization. The Working Group's areas of activity may include, but are not limited to, the following:

- Define the formats and protocols necessary for authentication and authorization using DIDs, DID Documents, and verifiable credentials which we intend to recognize as formally DIF-approved.
- Implement DIF-approved DID Auth proposals.
- Develop tools for validation and programmatic interaction for authentication and authorization using DIDs, DID Documents, and verifiable credentials.
- Create specifications and reference implementations that integrate current authentication and authorization protocols with DIDs, DID Documents, and verifiable credentials.
- Security analysis and formal DIF-approved reviews of authentication and authorization protocols involving DIDs, DID Documents, and verifiable credentials.

This working group acknowledges previous specifications that may play a role in the design of the protocols in the following non-exhaustive list :

- OAuth2.0 (RFC6749)
- OpenID Connect
- User Managed Access (UMA2.0)
- WebAuthn
- FIDO
- TLS

Out of scope

- Defining PKI models that would use DIDs.
- Setting UX/UI security requirements of the usage of authentication and authorization protocols
- Defining secure messaging protocols

3. Copyright Policy. Each Working Group must specify the copyright mode under which it will operate prior to initiating any work on any Draft Deliverable or Approved Deliverable other than source code. The copyright mode for this Working Group is.

- Creative Commons Attribution 4.0, as set forth in Appendix A,

4. Approved Deliverable Patent Licensing. Each Working Group must specify the patent mode under which it will operate prior to initiating any work on any Draft Deliverable or Approved Deliverable other than source code. The patent mode for this Working Group is:

- W3C Mode, as set forth in Appendix A,

The assurances provided in the selected patent mode are binding on the Working Group Participant's successors-in-interest. In addition, each Working Group Participant will include in any documents transferring ownership of patents subject to the assurance provisions sufficient to ensure that the commitments in the assurance are binding on the transferee, and that the transferee will similarly include appropriate provisions in the event of future transfers with the goal of binding each successor-in-interest.

5. Source Code. Working Group Participants contributing source code to this Working Group agree that those source code contributions are subject to the Developer Certificate of Origin version 1.1, available at <http://developercertificate.org/>, and the license indicated below. Source code may not be a required element of an Approved Deliverable specification.
 - Apache 2.0, available at <http://www.apache.org/licenses/LICENSE-2.0.html>.
6. Non-Working Group Participant Feedback and Participation. Upon the Approval of the Working Group Participants, the Working Group can request feedback from and/or allow Non-Working Group Participant participation in a Working Group, subject to each Non-Working Group Participant executing the Feedback Agreement set forth in DIF Feedback Agreement

By the Project

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By the Steering Member/Associate/Contributor

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