

Lightweight Verifiable Credential Schema Version 1.0

Committee Specification Draft 01

18 October 2023

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Abstract:

This document defines a lightweight identity credential schema, based on the W3C Verifiable Credential (VC) standard, to enable individuals (VC subjects) to share their verified identity attestations across different platforms and services. The format is referred to as the "Lightweight Verifiable Credential Schema" and is abbreviated as LVCS.

Status:

This document was last revised or approved by the OASIS Lightweight Verifiable Credential Schema and Process (LVCSP) TC on the above date. The level of approval is also listed above. Check the "Latest stage" location noted above for possible later revisions of this document. Any other numbered Versions and other technical work produced by the Technical Committee (TC) are listed at <https://www.oasis-open.org/committees/tc_home.php?wg_abbrev=lvcsp#technical>.

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Note that any machine-readable content ([Computer Language Definitions](https://www.oasis-open.org/policies-guidelines/tc-process-2017-05-26/#wpComponentsCompLang)) declared Normative for this Work Product is provided in separate plain text files. In the event of a discrepancy between any such plain text file and display content in the Work Product's prose narrative document(s), the content in the separate plain text file prevails.

Key words:

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in BCP 14 [[RFC2119](#RFC2119)] and [[RFC8174](#RFC8174)] when, and only when, they appear in all capitals, as shown here.

Citation format:

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# Introduction

[All text is normative unless otherwise labeled]

## Changes from earlier Versions

[Optional section.]

This section provides a description of significant differences from previously published, differently numbered Versions of this specification, if any. (Detailed revision history of this numbered Version should be tracked in an Appendix.)

## Glossary

[Optional section.]

### Definitions of terms

[Optional section.]

### Acronyms and abbreviations

[Optional section.]

### Document conventions

[Optional section.]

* Naming conventions
* Font colors and styles
* Typographical conventions

# Section Title

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## Level 2 section title

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### Level 3 section title

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#### Level 4 section title

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##### Level 5

Avoid using more than five levels.

# Conformance

[Required section.]

(**Note**: The [OASIS TC Process](https://www.oasis-open.org/policies-guidelines/tc-process-2017-05-26/#wpComponentsConfClause) requires that a specification approved by the TC for public review, or for publication at the Committee Specification or OASIS Standard level must include a separate section, listing a set of numbered conformance clauses, to which any implementation of the specification must adhere in order to claim conformance to the specification (or any optional portion thereof). This is done by listing the conformance clauses here.

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See "Guidelines to Writing Conformance Clauses":
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1. References

[Required section.]

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For example:

**[OpenDoc-1.2]**

Open Document Format for Office Applications (OpenDocument) Version 1.2. Edited by Patrick Durusau and Michael Brauer. 19 January 2011. OASIS Committee Specification Draft 07. https://docs.oasis-open.org/office/v1.2/csd07/OpenDocument-v1.2-csd07.html. Latest stage: https://docs.oasis-open.org/office/v1.2/OpenDocument-v1.2.html.

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* 1. Normative References

The following documents are referenced in such a way that some or all of their content constitutes requirements of this document.

[RFC2119]

Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <<https://www.rfc-editor.org/info/rfc2119>>.

[RFC8174]

Leiba, B., "Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words", BCP 14, RFC 8174, DOI 10.17487/RFC8174, May 2017, <<https://www.rfc-editor.org/info/rfc8174>>.

[Reference]

[Full reference citation]

* 1. Informative References

The following referenced documents are not required for the application of this document but may assist the reader with regard to a particular subject area.

[RFC3552]

Rescorla, E. and B. Korver, "Guidelines for Writing RFC Text on Security Considerations", BCP 72, RFC 3552, DOI 10.17487/RFC3552, July 2003, <<https://www.rfc-editor.org/info/rfc3552>>.

[Reference]

[Full reference citation]

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[Optional section.]

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In addition to considering and describing foreseeable risks, this section should include guidance on how implementers and adopters can protect against these risks.

We encourage editors and TC members concerned with this subject to read Guidelines for Writing RFC Text on Security Considerations, IETF [[RFC3552](#RFC3552)], for more information.

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[Required section.]

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Substantial contributions to this document from the following individuals are gratefully acknowledged:

[Participant Name, Affiliation | Individual Member]

* 1. Participants

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[Optional section.]

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|  |  |  |  |
| --- | --- | --- | --- |
| **Revision** | **Date** | **Editor** | **Changes Made** |
| [Rev number] | [Rev Date] | [Modified By] | [Summary of Changes] |

1. Example Title

Additional Appendixes may be added as needed: The final appendix should be “Notices”.

* IANA Considerations
	1. Subsidiary section

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[Required section. Do not change.]

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