

Digital Signature Service Core Protocols, Elements, and Bindings V2.0 and Digital Signature Service Metadata V1.0 from the DSS-X TC approved as Committee Specifications

Submitted by cesign on Wed, 2019-07-31 17:58

Type:

TC Administration announcements

OASIS is pleased to announce that Digital Signature Service Core Protocols, Elements, and Bindings Version 2.0 and Digital Signature Service Metadata Version 1.0 from the OASIS Digital Signature Services eXtended (DSS-X) TC [1] have been approved as OASIS Committee Specifications.

The Digital Signature Services (DSS) specification defines JSON- and XML-based request/response protocols, one for signing and one for verifying. Through these protocols a client can send documents or other data to a server and receive back a signature on the documents; or send documents and a signature to a server, and receive back an answer on whether the signature verifies the documents.

The DSS Core specification provides the basic protocols and elements which are adapted to support specific use cases in the DSS profiles. It also defines a timestamp format, a signature property for use with these protocols, and transport and security bindings.

The DSS Metadata specification defines JSON and XML structures and discovery mechanisms for metadata related to digital signature services.

These Committee Specifications are OASIS deliverables, completed and approved by the TC and fully ready for testing and implementation.

The prose specifications and related files are available here:

- Digital Signature Service Core Protocols, Elements, and Bindings Version 2.0
Committee Specification 01
04 July 2019

Editable source (Authoritative):

<https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/dss-core-v2.0-cs01....> [1]

HTML:

<https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/dss-core-v2.0-cs01....> [2]

PDF:

<https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/dss-core-v2.0-cs01.pdf> [3]

JSON and XML schemas:

<https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/schema/> [4]

- Digital Signature Service Metadata Version 1.0
Committee Specification 01
04 July 2019

Editable source (Authoritative):

<https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/dss-md-v1.0-cs01.docx> [5]

HTML:

<https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/dss-md-v1.0-cs01.html> [6]

PDF:

<https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/dss-md-v1.0-cs01.pdf> [7]

JSON and XML schemas:

<https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/schema/> [8]

Distribution ZIP file

For your convenience, OASIS provides a complete package of the prose specification and related files in a ZIP distribution file. You can download the ZIP file here:

DSS Core: <https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/dss-core-v2.0-cs01.zip> [9]

DSS Metadata: <https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/dss-md-v1.0-cs01.zip> [10]

Members of the DSS-X TC [1] approved this specification by Special Majority Vote. The specification had been released for public review as required by the TC Process [2]. The vote to approve as a Committee Specification passed [3], and the document is now available online in the OASIS Library as referenced above.

Our congratulations to the TC on achieving this milestone and our thanks to the reviewers who provided feedback on the specification drafts to help improve the quality of the work.

===== Additional references:

[1] OASIS Digital Signature Services eXtended (DSS-X) TC

<https://www.oasis-open.org/committees/dss-x/> [11]

[2] Public reviews:

- Digital Signature Service Core Protocols, Elements, and Bindings Version 2.0

30-day public review, 30 August 2018:

<https://lists.oasis-open.org/archives/members/201808/msg00011.html>

[12]

- Comment resolution log:

<http://docs.oasis-open.org/dss-x/dss-core/v2.0/csprd01/dss-core-v2.0-csp...> [13]

<http://docs.oasis-open.org/dss-x/dss-core/v2.0/csprd01/dss-core-v2.0-csp...> [14]

* 15-day public review, 13 March 2019:

<https://lists.oasis-open.org/archives/members/201903/msg00007.html> [15]

- Comment resolution logs:

<http://docs.oasis-open.org/dss-x/dss-core/v2.0/csprd02/dss-core-v2.0-csp...> [16]

<http://docs.oasis-open.org/dss-x/dss-core/v2.0/csprd02/dss-core-v2.0-csp...> [17]

- Digital Signature Service Metadata Version 1.0

30-day public review, 04 April 2019:

<https://lists.oasis-open.org/archives/members/201904/msg00001.html> [18]

- Comment resolution log:

<http://docs.oasis-open.org/dss-x/dss-md/v1.0/csprd01/dss-md-v1.0-csprd01...> [19]

[3] Approval ballot:

<https://www.oasis-open.org/committees/ballot.php?id=3411> [20]

Associated TC:

Digital Signature Services eXtended (DSS-X)

Deadline:

Wed, 2019-07-31 - Fri, 2019-08-30

Links:

[1] <https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/dss-core-v2.0-cs01.docx>

[2] <https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/dss-core-v2.0-cs01.html>

[3] <https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/dss-core-v2.0-cs01.pdf>

[4] <https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/schema/>

[5] <https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/dss-md-v1.0-cs01.docx>

[6] <https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/dss-md-v1.0-cs01.html>

[7] <https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/dss-md-v1.0-cs01.pdf>

[8] <https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/schema/>

[9] <https://docs.oasis-open.org/dss-x/dss-core/v2.0/cs01/dss-core-v2.0-cs01.zip>

[10] <https://docs.oasis-open.org/dss-x/dss-md/v1.0/cs01/dss-md-v1.0-cs01.zip>

[11] <https://www.oasis-open.org/committees/dss-x/>

[12] <https://lists.oasis-open.org/archives/members/201808/msg00011.html>

[13] <http://docs.oasis-open.org/dss-x/dss-core/v2.0/csprd01/dss-core-v2.0-csprd01-comment-resolution-log.ods>

[14] <http://docs.oasis-open.org/dss-x/dss-core/v2.0/csprd01/dss-core-v2.0-csprd01-comment-resolution-log.pdf>

[15] <https://lists.oasis-open.org/archives/members/201903/msg00007.html>

[16] <http://docs.oasis-open.org/dss-x/dss-core/v2.0/csprd02/dss-core-v2.0-csprd02-comment-resolution-log.pdf>

[17] <http://docs.oasis-open.org/dss-x/dss-core/v2.0/csprd02/dss-core-v2.0-csprd02-comment-resolution-log.ods>

[18] <https://lists.oasis-open.org/archives/members/201904/msg00001.html>

[19] <http://docs.oasis-open.org/dss-x/dss-md/v1.0/csprd01/dss-md-v1.0-csprd01-comment-resolution-log.txt>

[20] <https://www.oasis-open.org/committees/ballot.php?id=3411>