

30-day Public Review for #DSS Extension for Local Signature Computation V1.0

Submitted by cesign on Mon, 2014-02-10 22:29

Type:

Public Review

The OASIS Digital Signature Services eXtended (DSS-X) TC [1] members have recently approved a Committee Specification Draft (CSD) and submitted this specification for 30-day public review:

DSS Extension for Local Signature Computation Version 1.0
Committee Specification 01 / Public Review Draft 01
16 January 2014

Specification Overview:

The core OASIS Digital Signature Service webservice [DSSCore] supports the creation of signatures on behalf of applications and / or users by utilizing server-based signature keys.

This Local Signature Computation profile extends the core functionality such that end users can bring (use) their own (secure) signature-creation device. Examples of such devices are smartcards or usb-tokens but also smartphones, mobile phones, tablets, pc's or laptops with privately held signature keys.

Three solutions are presented to support the varying capabilities of applications and different use cases.

The first solution is useful for web-applications where web browsers can access the (secure) signature-creation device that is available at the desktop (e.g. a smartcard connected via USB).

The second solution is useful for applications that can access the (secure) signature-creation device themselves, for instance desktop applications or smartphone apps.

The third solution is useful for any application where the (secure) signature-creation device can only be accessed via a separate channel, for instance a mobile device, through a third-party.

TC Description:

The DSS-X TC is developing new profiles of the existing OASIS Digital Signature Services core protocol "Digital Signature Service Core Protocols, Elements, and Bindings Version 1.0" and is maintaining this specification and its existing profiles. If at a later date it becomes clear that a new version of DSS is necessary then this may be produced by the TC.

DSS-X is also working on promotion of the standard and the creation of material helping dissemination. In general terms, the TC has the goal to facilitate the processing of digital signatures and time stamps in a client server environment.

The DSS-X TC is a member of the IDtrust Member Section.

Public Review Period:

The public review starts 11 February 2014 at 00:00 GMT and ends 12 March 2014 at 23:59 GMT.

This is an open invitation to comment. OASIS solicits feedback from potential users, developers and others, whether OASIS members or not, for the sake of improving the interoperability and quality of its technical work.

URIs:

The prose specification document and related files are available here:

HTML (Authoritative):

<http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/localsig-v1.0-csp...> [1]

PDF:

<http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/localsig-v1.0-csp...> [2]

Editable source:

<http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/localsig-v1.0-csp...> [3]

XML schemas:

<http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/schemas/> [4]

ZIP distribution file (complete):

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:

<http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/localsig-v1.0-csp...> [5]

Additional information about the specification and the OASIS Digital Signature Services eXtended (DSS-X) TC can be found at the TC's public home page:

<https://www.oasis-open.org/committees/dss-x/> [6]

Comments may be submitted to the TC by any person through the use of the OASIS TC Comment Facility which can be used by following the instructions on the TC's "Send A Comment" page, or directly at:

https://www.oasis-open.org/committees/comments/index.php?wg_abbrev=dss-x [7]

Comments submitted by TC non-members for this work and for other work of this TC are publicly archived and can be viewed at:

<https://lists.oasis-open.org/archives/dss-x-comment/> [8]

All comments submitted to OASIS are subject to the OASIS Feedback License, which ensures that the feedback

you provide carries the same obligations at least as the obligations of the TC members. In connection with this public review of "DSS Extension for Local Signature Computation Version 1.0", we call your attention to the OASIS IPR Policy [2] applicable especially [3] to the work of this technical committee. All members of the TC should be familiar with this document, which may create obligations regarding the disclosure and availability of a member's patent, copyright, trademark and license rights that read on an approved OASIS specification.

OASIS invites any persons who know of any such claims to disclose these if they may be essential to the implementation of the above specification, so that notice of them may be posted to the notice page for this TC's work.

===== Additional references:

[1] OASIS Digital Signature Services eXtended (DSS-X) TC
<https://www.oasis-open.org/committees/dss-x/> [6]

[2] <http://www.oasis-open.org/who/intellectualproperty.php> [9]

[3] <http://www.oasis-open.org/committees/dss-x/ipr.php> [10]

<https://www.oasis-open.org/policies-guidelines/ipr#s10.2.3> [11]
RF on Limited Terms Mode

Associated TC:

Digital Signature Services eXtended (DSS-X)

Associated MS:

IDtrust

Deadline:

Tue, 2014-02-11 - Thu, 2014-03-13

Links:

[1] <http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/localsig-v1.0-csprd01.html>

[2] <http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/localsig-v1.0-csprd01.pdf>

[3] <http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/localsig-v1.0-csprd01.xml>

[4] <http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/schemas/>

[5] <http://docs.oasis-open.org/dss-x/localsig/v1.0/csprd01/localsig-v1.0-csprd01.zip>

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

[7] https://www.oasis-open.org/committees/comments/index.php?wg_abbrev=dss-x

[8] <https://lists.oasis-open.org/archives/dss-x-comment/>

[9] <http://www.oasis-open.org/who/intellectualproperty.php>

[10] <http://www.oasis-open.org/committees/dss-x/ipr.php>

[11] <https://www.oasis-open.org/policies-guidelines/ipr#s10.2.3>