



Published on OASIS (<https://www.oasis-open.org>)

Call for Consent for MQTT V5.0 as OASIS Standard

Submitted by cesign on Thu, 2019-02-21 21:02

Type:

OS Ballot

The OASIS Message Queuing Telemetry Transport (MQTT) TC members [1] have approved submitting the following Candidate OASIS Standard to the OASIS Membership in a call for consent for OASIS Standard:

MQTT Version 5.0

Candidate OASIS Standard 02

11 February 2019

This is a call to the primary or alternate representatives of OASIS Organizational Members to consent or object to this approval. You are welcome to register your consent explicitly on the ballot; however, your consent is assumed unless you register an objection [2]. To register an objection, you must:

1. Indicate your objection on this ballot, and
2. Provide a reason for your objection and/or a proposed remedy to the TC.

You may provide the reason in the comment box or by email to the Technical Committee on its comment mailing list or, if you are a member of the TC, to the TC's mailing list [2]. If you provide your reason by email, please indicate in the subject line that this is in regard to the Call for Consent.

This Committee Specification was approved by the Technical Committee and was submitted for the required 60-day public review [3]. All requirements of the OASIS TC Process having been met [4][5], the Candidate OASIS Standard is now submitted to the voting representatives of OASIS Organizational Members.

-- Details --

The Call for Consent opens on 22 February 2019 at 00:00 UTC and closes on 07 March 2019 at 23:59 pm timezone. You can access the ballot at:

Internal link for voting members: <https://www.oasis-open.org/apps/org/workgroup/voting/ballot.php?id=3308> [1]

Publicly visible link: <https://www.oasis-open.org/committees/ballot.php?id=3308> [2]

OASIS members should ensure that their organization's voting representative responds according to the

organization's wishes. If you do not know the name of your organization's voting representative is, go to the My Account page at

http://www.oasis-open.org/members/user_tools [3]

then click the link for your Company (at the top of the page) and review the list of users for the name designated as "Primary".

-- Information about the Candidate OASIS Standard and the MQTT TC --

MQTT is a client/server publish/subscribe messaging transport protocol. It is lightweight, open, simple, and designed to be easy to implement. These characteristics make it ideal for use in many situations, including constrained environments such as for communication in Machine to Machine (M2M) and Internet of Things (IoT) contexts where a small code footprint is required and/or network bandwidth is at a premium.

The protocol runs over TCP/IP, or over other network protocols that provide ordered, lossless, bi-directional connections.

The TC received 4 Statements of Use from HiveMQ, IBM, the Eclipse Paho Project, and VerneMQ [2].

URIs

The prose specification document and related files are available here:

Editable Source (Authoritative):

<https://docs.oasis-open.org/mqtt/mqtt/v5.0/cos02/mqtt-v5.0-cos02.docx> [4]

?

HTML:

<https://docs.oasis-open.org/mqtt/mqtt/v5.0/cos02/mqtt-v5.0-cos02.html> [5]

PDF:

<https://docs.oasis-open.org/mqtt/mqtt/v5.0/cos02/mqtt-v5.0-cos02.pdf> [6]

Distribution ZIP files:

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

<https://docs.oasis-open.org/mqtt/mqtt/v5.0/cos02/mqtt-v5.0-cos02.zip> [7]

-- Additional information --

[1] OASIS Message Queuing Telemetry Transport (MQTT) TC

<https://www.oasis-open.org/committees/mqtt/> [8]

TC IPR page

<https://www.oasis-open.org/committees/mqtt/ipr.php> [9]

<https://www.oasis-open.org/policies-guidelines/tc-process-2017-05-26#OSc...> [10]

[2] MQTT TC comment mailing list: mqtt-comment@lists.oasis-open.org [11]

(You must be subscribed to send to this list. To subscribe, see

https://www.oasis-open.org/committees/comments/index.php?wg_abbrev=mqtt [12].)

MQTT main mailing list: mqtt@lists.oasis-open.org [13]

[3] Candidate OASIS Standard Special Majority Vote:
<https://www.oasis-open.org/committees/ballot.php?id=3264> [14]

Candidate OASIS Standard Special Majority Vote 02:
<https://www.oasis-open.org/committees/ballot.php?id=3300> [15]

[4] Public reviews:

- 30-day public review, 10 August 2017:
<https://lists.oasis-open.org/archives/members/201708/msg00004.html> [16]
- Comment resolution log:
<http://docs.oasis-open.org/mqtt/mqtt/v5.0/csprd01/mqtt-v5.0-csprd01-comm...> [17]

- 15-day public review, 17 November 2017:
<https://lists.oasis-open.org/archives/members/201711/msg00005.html> [18]
- Comment resolution log:
<http://docs.oasis-open.org/mqtt/mqtt/v5.0/csprd02/mqtt-v5.0-csprd02-comm...> [19]

- 60-day public review, 16 November 2018:
<https://lists.oasis-open.org/archives/members/201811/msg00003.html> [20]
- Comment resolution log:
<http://docs.oasis-open.org/mqtt/mqtt/v5.0/cos01/mqtt-v5.0-cos01-comment-...> [21]

[5] Statements of Use:

HiveMQ:
<https://www.oasis-open.org/apps/org/workgroup/mqtt/email/archives/201807...> [22]

IBM:
<https://www.oasis-open.org/apps/org/workgroup/mqtt/email/archives/201807...> [23]

Eclipse Paho Project:
<https://lists.oasis-open.org/archives/mqtt-comment/201808/msg00000.html> [24]

VerneMQ:
<https://lists.oasis-open.org/archives/mqtt-comment/201807/msg00000.html> [25]

Associated TC:

Message Queuing Telemetry Transport (MQTT)

Deadline:

Thu, 2019-02-21 - Thu, 2019-03-07

Links:

[1] <https://www.oasis-open.org/apps/org/workgroup/voting/ballot.php?id=3308>

[2] <https://www.oasis-open.org/committees/ballot.php?id=3308>

[3] http://www.oasis-open.org/members/user_tools

[4] <https://docs.oasis-open.org/mqtt/mqtt/v5.0/cos02/mqtt-v5.0-cos02.docx>

[5] <https://docs.oasis-open.org/mqtt/mqtt/v5.0/cos02/mqtt-v5.0-cos02.html>

- [6] <https://docs.oasis-open.org/mqtt/mqtt/v5.0/cos02/mqtt-v5.0-cos02.pdf>
- [7] <https://docs.oasis-open.org/mqtt/mqtt/v5.0/cos02/mqtt-v5.0-cos02.zip>
- [8] <https://www.oasis-open.org/committees/mqtt/>
- [9] <https://www.oasis-open.org/committees/mqtt/ipr.php>
- [10] <https://www.oasis-open.org/policies-guidelines/tc-process-2017-05-26#OScallForConsent>
- [11] <mailto:mqtt-comment@lists.oasis-open.org>
- [12] https://www.oasis-open.org/committees/comments/index.php?wg_abbrev=mqtt
- [13] <mailto:mqtt@lists.oasis-open.org>
- [14] <https://www.oasis-open.org/committees/ballot.php?id=3264>
- [15] <https://www.oasis-open.org/committees/ballot.php?id=3300>
- [16] <https://lists.oasis-open.org/archives/members/201708/msg00004.html>
- [17] <http://docs.oasis-open.org/mqtt/mqtt/v5.0/csprd01/mqtt-v5.0-csprd01-comment-resolution-log.doc>
- [18] <https://lists.oasis-open.org/archives/members/201711/msg00005.html>
- [19] <http://docs.oasis-open.org/mqtt/mqtt/v5.0/csprd02/mqtt-v5.0-csprd02-comment-resolution-log.docx>
- [20] <https://lists.oasis-open.org/archives/members/201811/msg00003.html>
- [21] <http://docs.oasis-open.org/mqtt/mqtt/v5.0/cos01/mqtt-v5.0-cos01-comment-resolution-log.txt>
- [22] <https://www.oasis-open.org/apps/org/workgroup/mqtt/email/archives/201807/msg00001.html>
- [23] <https://www.oasis-open.org/apps/org/workgroup/mqtt/email/archives/201807/msg00002.html>
- [24] <https://lists.oasis-open.org/archives/mqtt-comment/201808/msg00000.html>
- [25] <https://lists.oasis-open.org/archives/mqtt-comment/201807/msg00000.html>