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#MQTT V5.0 Committee Specification 02 approved & published

Submitted by cesign on Thu, 2018-05-24 18:24

Type:

TC Administration announcements

OASIS is pleased to announce that Committee Specification 02 of MQTT Version 5.0 from the OASIS Message Queuing Telemetry Transport (MQTT) TC [1] has been approved as an OASIS Committee Specification.

MQTT is a Client Server publish/subscribe messaging transport protocol. It is light weight, 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 changes from CS01 were non-material. A red-lined PDF highlighting the changes is also included in this package [2].

This Committee Specification is an OASIS deliverable, completed and approved by the TC and fully ready for testing and implementation.

The prose specifications and related files are available here:

MQTT Version 5.0
Committee Specification 02
15 May 2018

Editable source (Authoritative):

<http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02.docx> [1]

HTML:

<http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02.html> [2]

PDF:

<http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02.pdf> [3]

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:

<http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02.zip> [4]

Members of the MQTT TC approved this specification by Special Majority Vote [3].

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 Message Queuing Telemetry Transport (MQTT) TC
<https://www.oasis-open.org/committees/mqtt/> [5]

[2] <http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02-DIFF.pdf> [6]

[3] Approval ballot:
<https://www.oasis-open.org/committees/ballot.php?id=3210> [7]

Associated TC:

Message Queuing Telemetry Transport (MQTT)

Deadline:

Thu, 2018-05-24 - Sun, 2018-06-24

Links:

[1] <http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02.docx>

[2] <http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02.html>

[3] <http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02.pdf>

[4] <http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02.zip>

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

[6] <http://docs.oasis-open.org/mqtt/mqtt/v5.0/cs02/mqtt-v5.0-cs02-DIFF.pdf>

[7] <https://www.oasis-open.org/committees/ballot.php?id=3210>