

2 Document Identifier: DSP-IS0023

Date: 2022-06-21

4 Version: 1.0.0WIP50

5

1

3

SPDM Conformance Test Suite Guidance

Information for Work-in-Progress version:

IMPORTANT: This document is not a standard. It does not necessarily reflect the views of the DMTF or its members. Because this document is a Work in Progress, this document may still change, perhaps profoundly and without notice. This document is available for public review and comment until superseded.

Provide any comments through the DMTF Feedback Portal:

http://www.dmtf.org/standards/feedback

7 Supersedes: none

8 Document Class: Informative

9 Document Status: Work-in-Progress

10 Document Language: en-US

11

- 12 Copyright Notice
- 13 Copyright © 2022 DMTF. All rights reserved.
- 14 DMTF is a not-for-profit association of industry members dedicated to promoting enterprise and systems
- 15 management and interoperability. Members and non-members may reproduce DMTF specifications and
- documents, provided that correct attribution is given. As DMTF specifications may be revised from time to
- time, the particular version and release date should always be noted.
- 18 Implementation of certain elements of this standard or proposed standard may be subject to third party
- 19 patent rights, including provisional patent rights (herein "patent rights"). DMTF makes no representations
- 20 to users of the standard as to the existence of such rights, and is not responsible to recognize, disclose,
- 21 or identify any or all such third party patent right, owners or claimants, nor for any incomplete or
- inaccurate identification or disclosure of such rights, owners or claimants. DMTF shall have no liability to
- any party, in any manner or circumstance, under any legal theory whatsoever, for failure to recognize,
- 24 disclose, or identify any such third party patent rights, or for such party's reliance on the standard or
- incorporation thereof in its product, protocols or testing procedures. DMTF shall have no liability to any
- 26 party implementing such standard, whether such implementation is foreseeable or not, nor to any patent
- owner or claimant, and shall have no liability or responsibility for costs or losses incurred if a standard is
- 28 withdrawn or modified after publication, and shall be indemnified and held harmless by any party
- 29 implementing the standard from any and all claims of infringement by a patent owner for such
- 30 implementations.
- For information about patents held by third-parties which have notified the DMTF that, in their opinion,
- 32 such patent may relate to or impact implementations of DMTF standards, visit
- 33 http://www.dmtf.org/about/policies/disclosures.php.
- 34 This document's normative language is English. Translation into other languages is permitted.

DSP-IS0023

Redfish Conformance Test Suite Guidance

35	CONTENTS	
36	Foreword	4
37	Conformance Test Suite	5
38	SPDM Responder Conformance Validator	. 5
39 40	ANNEX A (informative) Change log	. 6

41	Foreword
42 43	The SPDM Conformance Test Suite Guidance (DSP-IS0023) was prepared by the Platform Management Components Intercommunication (PMCI) Working Group.
44 45	DMTF is a not-for-profit association of industry members dedicated to promoting enterprise and systems management and interoperability. For information about the DMTF, see http://www.dmtf.org .
46 47	This version is the first version of this document. Future changes will be recorded in the change log in

48	Conformance Test Suite			
49 50	The following list is recommended by the DMTF PMCI Working Group for an SPDM conformance test suite. Each test provides an output file which documents the results of the test.			
51 52	All the tests are open source. If issues are found, please submit the issues to the appropriate repository so they can be addressed.			
53 54	These tests are described below, along with a link to the open source repository. • SPDM Responder Conformance Validator			
55	SPDM Responder Conformance Validator			
56 57 58 59	This SPDM Responder Conformance Validator checks the conformance of an SPDM Responder implementation against Security Protocol and Data Model (SPDM) specification [DSP0274] (https://www.dmtf.org/dsp/DSP0274) and Secured message Using SPDM specification [DSP0277] (https://www.dmtf.org/dsp/DSP0277).			
60	The test can be found at https://github.com/DMTF/SPDM-Responder-Validator.			

61	ANNEX A
62	(informative)

63 64

65

Change log

Version	Date	Description
1.0.0a	2022-06-21	Initial Release

66