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5 **DASH Conformance Program 2.0 Policies and**  
6 **Procedures**

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35

## Abstract

36 This document describes the policies and procedures that participants of the DASH Conformance  
37 Program 2.0 shall follow to obtain Certification. This document also includes the DASH Conformance  
38 Program 2.0 Application Agreement, which binds the participants of the Conformance Program to the  
39 provisions of these policies and procedures.

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# 97 DASH Conformance Program 2.0 Policies and Procedures

## 98 1 Overview

### 99 1.1 Document purpose and scope

100 Desktop and mobile Architecture for System Hardware (DASH) is a manageability initiative of the  
101 Distributed Management Task Force, Inc. (DMTF). The Initiative is described at  
102 <http://www.dmtf.org/standards/mgmt/dash>. The technical requirements of DASH 1.0 are specified in  
103 [DSP0232](#), *DASH Implementation Requirements 1.0*; DASH 1.1 are specified in [DSP0232](#), *DASH*  
104 *Implementation Requirements 1.1*; DASH 1.2 are specified in [DSP0232](#), *DASH Implementation*  
105 *Requirements 1.2*. The System Management Forum (SMF), a forum within the DMTF, has developed a  
106 DASH Conformance Program 2.0 (the Program) that certifies DASH 1.0, DASH 1.1 and DASH 1.2  
107 supported products.

108 The elements of the Program include a synchronized set of Implementation Requirements Specifications,  
109 a Conformance Test Suite, a registry of Certified Test Results of products that have demonstrated  
110 conformance to Specifications, and processes and documentation that support these elements.

111 This document describes the policies and procedures of the DASH Conformance Program 2.0 referenced  
112 by the DASH Conformance Program 2.0 Application Agreement. By executing the DASH Conformance  
113 Program 2.0 Application Agreement, participants in the Program agree to abide by the provisions of these  
114 policies and procedures.

### 115 1.2 Program administration

116 The DASH Conformance Program 2.0 is operated by the DMTF. The DMTF contracts with an  
117 independent third party to manage the DASH Conformance Program 2.0 as Conformance Program  
118 Administrator (Program Administrator). The Program Administrator is the Participant's DMTF contact for  
119 all applications, submissions, questions, correspondence, and general administration for the DASH  
120 Conformance Program 2.0. The Program Administrator is responsible for maintaining applicant  
121 confidentiality in all phases of the Program as defined by these policies and procedures.

### 122 1.3 Normative references

123 The following referenced documents are indispensable for the application of this document. For dated or  
124 versioned references, only the edition cited (including any corrigenda or DMTF update versions) applies.  
125 For references without a date or version, the latest published edition of the referenced document  
126 (including any corrigenda or DMTF update versions) applies.

127 ISO/IEC Directives, Part 2, Rules for the structure and drafting of International Standards, 88  
128 <http://isotc.iso.org/livelink/livelink.exe?func=ll&objId=4230456&objAction=browse&sort=subtype>

### 129 1.4 Terms and definitions

130 In this document, some terms have a specific meaning beyond the normal English meaning. Those terms  
131 are defined in this clause. The terms "shall" ("required"), "shall not," "should" ("recommended"), "should  
132 not" ("not recommended"), "may," "need not" ("not required"), "can" and "cannot" in this document are to  
133 be interpreted as described in ISO/IEC Directives, Part 2, Annex H. The terms in parentheses are  
134 alternatives for the preceding term, for use in exceptional cases when the preceding term cannot be used  
135 for linguistic reasons. Note that ISO/IEC Directives, Part 2, Annex H, specifies additional alternatives.  
136 Occurrences of such additional alternatives shall be interpreted in their normal English meaning.

137 Table 1 defines terms used in this document. Abbreviations are provided in parentheses.

138

**Table 1 – Terms and definitions**

Term	Definition
Agreement	This document when accepted and signed by the Applicant, the DMTF, and the DMTF Conformance Program Administrator
Applicant	A Company applying for Conformance Test Result Certification under this Program
Certification	The acknowledgment by the Conformance Program Administrator that a validation has been completed for a Conformance Test Result Submission, and that the Conformance Requirements, including the Application and applicable fees, have been met
Certification Registry	The formal record of each DMTF Conformance Program and Certified Conformance Test Result Submission, maintained in electronic and documentary form by the DMTF and made publicly available at the DMTF Web site ( <a href="http://www.dmtf.org">www.dmtf.org</a> )
Certified Submission	A Submission for which the Program Administrator has validated, evaluated, and certified Conformance Test Results and issued written notice to the Applicant of successful Conformance Testing completion
Conformance	The fulfillment of a product, process, or service of specified requirements
Conformance Program (CP), or Program	The DMTF DASH Conformance Program 2.0
Conformance Program Deficiency (CPD)	An acknowledged error in the Conformance Program that inhibits the certification process. The Conformance Program includes both the certification process and information about how to begin conformance testing. A Conformance Program Deficiency is one possible outcome of an Issue Report.
Conformance Requirements	A definition of the mandatory and optional behavior a Submission shall implement in order to be considered conformant. The Conformance Requirements are included in <a href="#">DSP0232</a> , <i>DASH Implementation Requirements 1.0</i> ; <a href="#">DSP0232</a> , <i>DASH Implementation Requirements 1.1</i> ; <a href="#">DSP0232</a> , <i>DASH Implementation Requirements 1.2</i> .
Conformance Test Package	A Conformance Test Package is a binary image or archive file that contains executable tests and other files for configuring, running, and interpreting those tests. The Conformance Test Package contains the Conformance Test Suite.
Conformance Test Result Submission	A Test Suite-generated file of Product Conformance Test results that the Applicant sends to the DMTF for Certification. It contains the Applicant's precise, detailed description of how and in what environment the Conformance Requirements were tested.
Conformance Test Suite (CTS)	A tool licensed under the DMTF Conformance Program to the Applicant for use in testing a Product and generating a Submission
DMTF	The Distributed Management Task Force, Inc., a not-for-profit corporation formed under I.R.C. Section 501(c)(6), and Oregon law
Eligibility Requirements	The set of requirements that a company shall meet in order to register and participate in the Conformance Program. Companies that meet the Eligibility Requirements are referred to as Eligible Participants.
Fee Schedule	The "Schedule of Fees" contained in ANNEX D
Interpretation (INT)	A decision made by the DMTF that elaborates or refines the meaning of a Conformance Requirement. An Interpretation is one possible outcome of an Issue Report.

Term	Definition
Issue Report (IR)	<p>A formal written report that requests clarification of or questions the intent or correctness of a Conformance Requirement, the Conformance Test Suite, or the Conformance Program itself</p> <p>A written question along with any supporting details and/or documents addressed to the Program Administrator requesting clarification, intent, or correctness of a Specification, a Test Suite, or the Conformance Program Policies and Procedures</p>
Participant	An Applicant that has been approved to participate in the Conformance Program
Authorized Contacts	The person in the Participant company who is authorized by the company to make Program-related decisions for the company. The Program Administrator accepts Program-related information and decisions from these persons only.
Product	Any desktop or mobile system sold by the Applicant that qualifies for Conformance Testing and Conformance Test Result Certification per the Conformance Program Policies and Procedures. Applicant's Products being tested pursuant to this Application Agreement are identified in ANNEX E, "Applicant Submission Information".
Program Administrator (PA)	The DMTF-appointed entity for administering the conformance program as described in 1.2, "Program administration"
Specification Authority (SA)	The party responsible for developing, maintaining, and interpreting the Specifications
Submission	A Participant request for Certification of Conformance Test Results for a Tested Product and any other Products the Participant claims are conformant per the same Results
Test Suite Authority (TSA)	The entity responsible for developing and maintaining the Conformance Test Suite and for confirming defects in the Conformance Test Suite reported as issues by Program Participants. For the DASH Conformance Program 2.0, the TSA is comprised of Leadership level members of the System Management Forum.

139 **2 Policies**

140 **2.1 Conformance Test Package**

141 Each Conformance Test Package distributed by the Conformance Program is labeled with a version  
 142 number. The term "Conformance Test Suite" used in the process descriptions that follow refers to the  
 143 version of tests and test input files in a particular Conformance Test Package version.

144 **2.2 Conformance Requirements**

145 The Conformance Requirements are rules established and used by the DMTF to evaluate the results of  
 146 execution of the Conformance Test Suite (see 3.5, "Submission evaluation"). The Conformance  
 147 Requirements include statements that relate the results of one or more CTS tests to a result of "pass" or  
 148 "fail" for a submission.

149 The following policies govern the Conformance Requirements under the Program:

- 150 • Conformance tests of the Conformance Test Suite verify correctness for all mandatory clauses,  
 151 for all conditional clauses for which the condition is true, and for all optional clauses that are  
 152 implemented by the Tested System against DASH 1.0 or DASH 1.1 or DASH 1.2 specifications.
- 153 • Non-normative statements and clauses in profile specifications (for example, "Use Cases"  
 154 clauses) are not tested.



- 155 • Conformance Test Suite can be configured to test Requirements of DASH 1.0 specification or  
156 DASH 1.1 specification or DASH 1.2 specification, and no additional requirements are imposed.
- 157 • The testing is restricted to interactions through the Management Access Point (or MAP).
  - 158 – Functional testing is not performed (for example, values reported by the MAP, such as  
159 temperature or RPM, are not tested for correctness on the Tested System).
  - 160 – Only testable functionality through the MAP is tested. For instance, behavior in case of  
161 errors or failure is not tested if errors or failure cannot be provoked through the MAP.
- 162 • A copy of the Conformance Requirements is included in the Conformance Test Package.
- 163 • All submissions of results from a versioned Conformance Test Package, as described in 2.1,  
164 are evaluated using the Conformance Requirements that are distributed with that Conformance  
165 Test Package.
- 166 • The SMF may periodically update the Conformance Requirements and create a new  
167 Conformance Test Package (with a new version number), as described in clause 7, “DASH  
168 Conformance 2.0 Program updates”.

169 The DASH Conformance Test Suite 2016 is the first conformance test authorized by the DMTF and is  
170 modified only if required as a result of the DMTF Conformance Program 2.0 Appeals process. The latest  
171 DASH Conformance Requirements are maintained as an Annex in this policies and procedures document  
172 (see ANNEX A).

## 173 **2.3 Eligible participants**

174 Any company that wants to participate in the DASH Conformance Program 2.0 under the terms stated in  
175 the DASH Conformance Program 2.0 Application Agreement is welcomed to participate. Program Fees  
176 are levied based on the company’s membership status in DMTF and its System Management Forum  
177 (SMF). Companies not currently members of DMTF and companies that are currently DMTF members but  
178 not members of the SMF pay Application and Per-Product fees as described in the Fee Schedule  
179 (ANNEX D). DMTF SMF members have all or part of their fees included in SMF membership dues. For  
180 fees not included in DMTF SMF membership dues, see the Fee Schedule (ANNEX D).

## 181 **2.4 Scope of Conformance Test Results certification**

182 The object of the DASH Conformance Test Suite 2016 is a Tested System. Conformance Test Results for  
183 a Tested System are associated by the Vendor to a Vendor’s Product.

184 Certification is granted only for test results of “provider” or “server-side” implementations (for  
185 conformance to DASH 1.0 or DASH 1.1 or DASH 1.2) — that is, implementations that are managed  
186 through a Manageability Access Point (MAP). Conformance testing and certification of test results is not  
187 currently performed on “client-side” implementations (for example, management consoles). Certification of  
188 test results is not granted on an individual profile basis.

### 189 **2.4.1 Specification versions**

190 DASH Conformance Test Suite 2016 can certify a test system for only DASH 1.0 or DASH 1.1 or DASH  
191 1.2 conformance. One has to provide the appropriate initiative information when running the DASH  
192 Conformance Test Suite v2.0 to obtain Conformance Test Results for a specific supported DASH initiative.

### 193 **2.4.2 Product**

194 The Tested System may be a Vendor’s desktop, mobile, or other system Product, or may contain the  
195 Vendor’s Product as a component. Conformance Test Suite results describe the performance of the  
196 Tested System; therefore, the information that the Vendor includes in the Submission shall contain  
197 sufficient information for customers of the Product to understand the configuration of the Tested System.

### 198 2.4.3 Product Family

199 The DASH Conformance Program 2.0 allows the Vendor to relate Conformance Test Results for a Tested  
200 System to one or more Products or Product Families. By including additional Products or Product  
201 Families in the Conformance Test Results file, the Vendor claims that the identified Conformance Test  
202 Results obtained for the Tested System apply to all Products and the Product Families listed in the  
203 Submission. The validity of the application of the Conformance Test Results of the Tested System to the  
204 Vendor's Products is the responsibility of the Vendor.

### 205 2.4.4 Product versions

206 The DASH Conformance Program 2.0 allows the Vendor to update published Certifications of test results  
207 when there are changes in the related Product or Product Family version. By modifying the version  
208 designation for a Vendor's Product or a Product Family in the Certification Registry, the Vendor claims  
209 that the results obtained for the Tested System apply to the new version of the Product or the Product  
210 Family listed in the Certification Registry entry. The validity of the application of the Conformance Test  
211 Results of the Tested System to the new versions of the Vendor's Products is the responsibility of the  
212 Vendor.

## 213 3 Procedures

### 214 3.1 Registering for the Program

215 To participate in the DASH Conformance Program 2.0, a company registers its interest to participate in  
216 the Program by submitting an Application Agreement. Each company submits only one Agreement for the  
217 DASH Conformance Program 2.0. Then, as long as the company remains qualified to participate, the  
218 company may submit test results and claims for its products using the Program Policies and Procedures.

219 To apply (register) to participate in the DASH Conformance Program 2.0, an applicant shall do one of the  
220 following

- 221 1) Mail or Email or Fax a signed Application Agreement to the Program Administrator of System  
222 Management Forum, using the address or email address or fax number listed in the Application  
223 Agreement.
- 224 2) Electronically submit application agreement available at [Application Agreement](#).

225 The Program Administrator performs the following tasks:

- 226 1) Review the request to make sure it includes the required information.
- 227 2) Record the Application in a list of Applications received.
- 228 3) Send the Conformance Test Package (including information and tools needed to complete the  
229 testing process) to the Participant, including:
  - 230 • The *Conformance Program Policies and Procedures*
  - 231 • The Conformance Test Suite
  - 232 • The Conformance Requirements that the SMF uses for evaluating the results
  - 233 • Instructions for running the tests and submitting results
  - 234 • Instructions for submitting questions and appealing results
- 235 4) If the Participant completes the Testing Process and the Submission Process as described in this  
236 document, following the instructions included in the Conformance Test Package, the Program  
237 Administrator records successful demonstration of compliance.

### 238 3.1.1 Company Authorized Contacts

239 The Participant is allowed to name up to two Authorized Contacts for the Program. Authorized Contacts  
240 are authorized by the participating company to make program-related decisions for the company, such as  
241 submit test results, submit Submission Forms, raise program Issues, and give publication authorizations.  
242

243 The Program Administrator may reject any company request that is in conflict with a request or  
244 submission made previously by another Company Authorized Contact until the Program Administrator is  
245 satisfied that all Authorized Contacts are in agreement with the request content.

### 246 3.2 Obtaining the DASH Conformance Test Suite 2016

247 The DASH Conformance Test Suite 2016 may be downloaded from the Conformance Program Web site  
248 ([www.dmtf.org](http://www.dmtf.org)). The DASH CTS 2016 is available for limited use by participating and non-participating  
249 companies; however, only companies who are registered as Program Participants may publish results.  
250 Refer to the "Terms of Use" on the download page.

### 251 3.3 Testing

252 The Participant runs the Conformance Test Suite, according to the instructions provided, on a Product,  
253 and then follows the Submission Process.

254 Instructions for running the tests are included in the Conformance Test Package and may vary from  
255 version to version. The Participant shall return test results without modifying any of the information  
256 generated by the test. If the Participant finds problems with the test and wants to contest the results, the  
257 Participant shall follow the [Appeals Process](#) (see clause 5).

258 After executing the test, the Participant determines whether to complete the [Submission Procedures](#) (see  
259 clause 3.4).

### 260 3.4 Submission procedures

#### 261 3.4.1 Submitting Conformance Test Results for a Tested Product

262 The Participant collects information created by the test (according to the instructions provided) and shall  
263 send the information to the Program Administrator by one of the following

- 264 1) Mail the results of the test and a copy of the product Submission Form included in ANNEX E.  
265 The Participant's completed Submission Form contains required information about the Product.
- 266 2) Electronically submit the same at [Product Submission form](#)

267 The Program Administrator validates the test results file, checks the digital signature applied by the test  
268 suite, and evaluates the results file content according to the Program Conformance Requirements. If all  
269 Submission Evaluation criteria are met, the Program Administrator assigns a Certification Identifier to the  
270 Conformance Test Results, archives the results file, and sends a Test Result Certification Notice that  
271 includes the Certification Identifier to the Participant.

272 At the time of Submission, the Participant shall include a Qualification that describes the Product's  
273 management feature that is required for the Tested System to meet the Conformance Requirements.  
274 Also, at the time of Submission, the Participant may claim that the Conformance Test Results apply to  
275 another Product offered by the Participant that also requires the same management feature described in  
276 the Qualification.

### 277 3.4.2 Submitting “Qualified Product” claims

278 The Participant may submit additional claims for “Qualified Products” for previously submitted and  
279 certified Conformance Test Results. Any Product that shares the same Qualification and is warranted by  
280 the Participant to meet the Conformance Requirements may be added to an existing Test Result  
281 Certification by submitting a new Submission Form and including the Certification Identifier of the  
282 applicable Conformance Test Results.

## 283 3.5 Submission evaluation

284 The Program Administrator reviews the information returned and determines whether the information  
285 indicates that the Participant has demonstrated that the Tested Product is conformant. The criteria for this  
286 determination are the Conformance Requirements, which are sent to the Participant as a result of  
287 Registration.

288 The Program Administrator sends a notification to the Participant describing the results of the review and  
289 stating the SMF determination as to whether the Tested Product demonstrates conformance.

290 If the Program Administrator determines that the Product demonstrates conformance, the Program  
291 Administrator completes the [Conformance Publication Process](#) (see clause 3.6), unless the Participant  
292 requested no conformance publication in the Application Agreement.

293 The Participant reviews the determination. If the Participant believes that the determination is incorrect,  
294 the Participant completes the [Appeals Process](#) (see clause 5).

## 295 3.6 Conformance Publication process

296 The Program Administrator performs the steps of the Publication process. The Program Administrator  
297 informs the SMF chairs about Submissions for Products that demonstrate conformance.

### 298 3.6.1 Publishing Conformance Test Result certifications

299 In addition to test results data, the Conformance Test Results file contains vendor-supplied product data  
300 that describe the Tested System, the Product, and other data that relate the results to other vendor  
301 information, such as the Product Family and vendor contact information.

302 Because all of the product data is vendor-supplied, the vendor is responsible for the accuracy and validity  
303 of the data.

304 When the Conformance Test Results file is received as part of a Submission, validated, and certified by  
305 the Program Administrator, a record is created in the Conformance Program’s Certification Registry  
306 located on a DMTF server.

307 Publication (creation of a DMTF Certification Registry entry) is done only after receipt of any applicable  
308 Conformance Program Application and/or Submission fees.

309 Published Certification Registry entries may be removed from publication at any time (see 3.6.2).

#### 310 3.6.1.1 Certification Registry contents

311 For each submitted Conformance Test Results file, a Submission entry is created. The Submission is  
312 identified by an assigned, unique Submission identifier.

313 One Certification Record is created for each Product for which a Conformance Test Result file applies. A  
314 Certification Identifier is assigned to each Certification Record. For Products that are Tested Products  
315 (that is, a submitted Conformance Test Result file was generated from testing of the Product), the entry is

316 noted as a “Tested Product” entry. Any Product *associated* with a Conformance Test Result by the  
 317 Vendor is noted as a “Qualified Product” and is referred to as a “Qualified Product” entry.

318 The Certification Registry contents are described in Table 2 and Table 3.

319 **Table 2 – Certification Registry Entry: Conformance Test Result submission**

Field (All values are strings)	Comments
Submission Identifier	Assigned by the Program Administrator
Vendor information (Vendor-supplied)	None
Vendor Name	None
Tested Product data (Vendor-supplied)	None
Product	None
Product Type: [ System   Component ]	Describes the Product: <b>System</b> indicates that the Product is a stand-alone, integrated system. <b>Component</b> indicates that the Product provides MAP functionality in the Tested System.
Name	None
Model number	None
Version	None
Other Model info (vendor-supplied)	None
Qualification	Describes the Vendor-defined management feature required that allows the Product to meet the Conformance Requirements
Product Family	None
Identification / Name / Designation for the Product Family	None
List of qualified members of the Product Family	None
Name	None
Model number	None
Model Version	None
Tested System Configuration	None
Managed System Type: [ System   Simulation   Proxy   Other ]	Describes the Tested System: <b>System</b> – Stand-alone, integrated system <b>Simulation</b> – MAP is managing a simulated system <b>Proxy</b> – MAP resides on a physically separate system <b>Other</b> – Vendor-supplied string (next field)
Other: <string>	None
Hardware environment (Systems, Cards, Features/Options, etc.)	None
HW Component 1:	None

Field (All values are strings)	Comments
HW Component 2:	None
HW Component N:	None
Software environment (Operating Systems, Drivers, Firmware, Simulators, etc.)	None
SW Component 1:	None
SW Component 2:	None
SW Component N:	None
Other components	None
<strings>	None
CTS Result Data (CTS-generated)	None
CTS summary result (Pass or Fail)	None
Profile summary result for each Profile discovered and tested	None
Timestamp of test	None

320

**Table 3 – Certification Registry Entry: Certification record**

Field (All values are strings)	Comments
Certification Identifier	None
Certification Type (Tested Product or Applied Results)	Indicates whether this record describes a Product that has submitted results or a Product that was associated by applying results based on the Qualification
Submission Identifier	None
Certification Identifier	None
Vendor information (Vendor-supplied)	None
Vendor Name	None
Product data (Vendor-supplied)	None
Product	None
Product Type: [ System   Component ]	Describes the Product: <b>System</b> indicates that the Product is a stand-alone, integrated system. <b>Component</b> indicates that the Product provides MAP functionality in the Tested System.
Name	None
Model number	None
Version	None
Other Model info (vendor-defined)	None

Field (All values are strings)	Comments
Product Family	None
Identification / Name / Designation for the Product Family	None

### 321 **3.6.2 Deleting Conformance Test Result Certification publications**

322 For the DASH Conformance Program 2.0, Participants may remove a Product's listing from the DMTF  
 323 Web pages that publish certified test results by contacting the Program Administrator by email to request  
 324 the removal. (The Program Administrator's email address is included in the DASH Conformance Program  
 325 Policy and Procedures returned to the Applicant at Registration.) Only the Participant's Authorized  
 326 Contact is allowed to request removal of published certified results.

### 327 **3.7 Public Conformance Claims**

328 Participants are prohibited from making any Public Conformance Claims until they have been contacted  
 329 by the Conformance Program Administrator that their submission(s) have been validated, certified, and  
 330 published on the DMTF Certification Registry. Once Participants have been contacted by the  
 331 Conformance Program Administrator that their submission(s) has been validated, certified, and appear on  
 332 the DMTF Certification Registry, they may make Public Conformance Claims related to the applicable  
 333 conformance program and/or test suite(s). Participants are strongly encouraged to reference the DMTF  
 334 Certification Registry as part of their Public Conformance Claim.

#### 335 **Conformance Program Naming Conventions**

336 DASH Conformance Program 2.0

337 DASH Conformance Test Suite 2016 or DASH CTS 2016

#### 338 **Conformance Claim Examples**

339 "Product X meets the requirements of the DASH Conformance Program 2.0."

340 "Product X is certified under the DASH Conformance Program 2.0."

341 "Product X conforms to the DASH Conformance Test Suite 2016."

342 "Product X conforms to the DASH CTS 2016."

## 343 **4 Issue Reporting process**

### 344 **4.1 Overview**

345 At any point during the Program, a Participant may encounter an Issue that inhibits the test result  
 346 certification effort. The Participant may file an Issue Report by email to the Program Administrator to  
 347 obtain resolution of the issue. The Program Administrator is the sole contact with the Participant for issue  
 348 reporting, though others will be involved in determining the resolution.

349 The types of issues that may be reported include:

- 350 • Potential errors or ambiguities in the Conformance Requirements or the underlying standards  
351 referenced by the DASH Conformance Requirement specifications
- 352 • Potential deficiencies in the Conformance Test Suites used to assess Conformance  
353 Requirements or other test suites referenced by the Program (if any)
- 354 • Possible process errors in the Program, specifically related to the registration process,  
355 agreements, and general Program issues

356 The Issue Report is used specifically for the preceding types of errors that are inhibiting the test result  
357 certification effort. For general questions about the test result certification process, running the test suites,  
358 or other issues, the Program Administrator will provide assistance on obtaining further information.

## 359 **4.2 Issue Report resolution process**

360 The Program Administrator is responsible for reviewing and providing a resolution to all Issue Reports.  
361 The key element of the review process is a deterministic process for a formal resolution to the Issue  
362 Report.

363 A preliminary review is performed by the Program Administrator, and an initial response is provided to the  
364 Participant within 10 business days of the Issue Report submission. This review allows simple issues to  
365 be dealt with expeditiously. A detailed review is undertaken for issues that are more complicated or when  
366 the preliminary review does not resolve the issue. Final resolution is provided as soon as possible.

367 In most cases, 20 business days is sufficient to provide a final Issue Report. However, in exceptional  
368 circumstances, final resolution may take longer. If possible, the Issue Report is addressed sufficiently  
369 within the 20 business days to allow the test result certification process to proceed pending final  
370 resolution.

371 If the Participant is not satisfied with the final resolution, the Participant may invoke the Appeals Process.

372 The Issue Report resolution process allows the Participant to remain anonymous, so pre-certification  
373 activity is kept entirely confidential, that is, between the Participant and the Program Administrator. The  
374 anonymous review process requires the Program Administrator to filter requests before distribution.  
375 Filtering removes as much identifying information as possible from the Submission, including the identifier  
376 and the Participant company information. However, the Conformance Test Results may contain content  
377 that uniquely identifies the Participant. If the Participant wants to maintain the confidentiality of that  
378 information, the Participant shall supply new Conformance Test Results, removing the confidential  
379 information while maintaining the same functionality of the original submission-identifying strings or other  
380 confidential information. If Participant-specific information is included in the clauses reserved for the  
381 technical descriptions, filtering will not produce an anonymous request.

382 In order for the Program Administrator to resolve Issue Reports for issues related to the test suites, an  
383 opinion from the Test Suite Authority is required. Likewise, for Issue Reports related to the Conformance  
384 Program, the Program Administrator requires an opinion from the Program Sponsor.

## 385 **4.3 Resolution of Issue Reports**

386 The possible outcomes for Issue Report resolution are as follows:

- 387 • Accepted as an error or ambiguity in the specifications (requiring an Interpretation or INT)
- 388 • Accepted as an error in a test suite (a CTS Deficiency)
- 389 • Accepted as an error in the Conformance Program (CP Deficiency)
- 390 • Rejected



391 Interpretations, CTS Deficiencies, and CP Deficiencies never cause previously Certified Test Result  
392 Submissions to be “uncertified”. Interpretations, CTS Deficiencies, and CP Deficiencies can cause the  
393 definition of Conformance to evolve over time. Subsequent Participant Submissions are always required  
394 to conform to the current Conformance Requirements.

#### 395 **4.3.1 Interpretations**

396 An Interpretation elaborates or refines the meaning of a Specification, thereby clarifying an error or  
397 ambiguity in the DMTF Specification. Interpretations apply to a specific version of a Specification and are  
398 permanent against that version. They remain in force until the Specification is updated, at which time the  
399 elaboration or refined meaning should be incorporated into the updated version of the Specification.

400 Interpretations of Specifications never result in behavior that was previously considered to be conformant  
401 being declared non-conformant at a given revision level of the Specification. However, Interpretations  
402 may cause a change in a future release of a Specification that will prohibit behavior previously considered  
403 acceptable. Interpretations can only result in behavior that was previously considered to be non-  
404 conformant being declared to be conformant.

405 The DMTF is responsible for deciding the meaning of conformance to normative referenced  
406 Specifications in the DASH Conformance Program v2.0.

#### 407 **4.3.2 Conformance Test Suite Deficiency**

408 A Conformance Test Suite Deficiency is an acknowledged error in a test suite. A Conformance Test Suite  
409 Deficiency applies to a specific version of a test suite and is permanent against that version. The  
410 Deficiency remains in force until the test suite is updated, at which time the error should be fixed in the  
411 updated test suite. If the Test Suite Authority decides not to fix a Conformance Test Suite Deficiency in  
412 the updated test suite, the Test Suite Authority submits a new Issue Report and assigns it as a  
413 Conformance Test Suite Deficiency against the new test suite version, flagging the Conformance Test  
414 Suite Deficiency as a re-issue.

415 In all circumstances, the complete test suite or set of test suites shall be run during formal testing. The  
416 existence of any Conformance Test Suite Deficiency with respect to a test suite does not absolve a  
417 Participant from running the test in question, or any part thereof.

##### 418 **4.3.2.1 Provisional Test Result Certification due to CTS Deficiency**

419 After the Test Suite Authority has acknowledged a Deficiency, the Participant may request a Waiver for  
420 the CTS test item that is failing due to the Deficiency. If the Waiver removes the last test failure preventing  
421 certification of the Test Results, the DMTF grants a Provisional Certification for the Test Results pending  
422 update of the test suite. The Participant’s Submission may be published on the Conformance Program  
423 Web site with an indication that the Test Result Certification is Provisional. The Provisional Test Result  
424 Certification remains in effect until an updated Test Suite is available that contains the correction. At that  
425 time, the Participant has 30 business days in which to re-test with the updated Test Suite and submit new  
426 test results for certification. If the Participant does not submit new test results within 30 business days  
427 following test suite availability, the Provisional Test Result Certification is rescinded by the DMTF and the  
428 Tested Product is removed from the Program Web site.

#### 429 **4.3.3 Conformance Program Deficiency**

430 A Conformance Program Deficiency is an acknowledged error in the Conformance Program. The  
431 Conformance Program includes the workflow and information systems provided to test Submissions.  
432 Conformance Program Deficiencies apply to the version of the Conformance Program in which they are  
433 found. If the issue is blocking the test result certification effort, a patch is made to the Conformance  
434 Program to enable certification to proceed. Otherwise, the issue is fixed in a future update of the  
435 Conformance Program and the Conformance Program Deficiency remains in force until such an update.

#### 4.3.3.1 Provisional Test Result Certification due to CP Deficiency

437 After the Test Suite Authority has acknowledged a Deficiency, the Participant may request a Waiver  
438 pending resolution of the Deficiency. The DMTF grants a Provisional Test Result Certification for the Test  
439 Results pending resolution of the Deficiency. The Participant's Product may be published on the  
440 Conformance Program Web site with an indication that the Test Result Certification is Provisional. The  
441 Provisional Test Result Certification remains in effect until the Deficiency is resolved. At that time, the  
442 Participant has 30 business days in which to resubmit test results for processing using the revised  
443 Program process. If the Participant has not resubmitted Test Results within 30 business days after  
444 resolution, the Provisional Test Result Certification is rescinded by the DMTF and the Submission is  
445 removed from the Program Web site.

#### 4.4 Issue Report repository

447 The Program Administrator maintains an SMF Member-only Web-accessible repository of all submitted  
448 Issue Reports. This repository is accessible by all DMTF SMF members. The viewable information  
449 contains technical details, such as the nature of the issue and its current status of resolution, but does not  
450 contain clauses reserved for Participant and Submission details, thus maintaining the Participant's  
451 confidentiality.

## 5 Appeals process

453 Participants may appeal decisions made by the DMTF or the Program Administrator. The occasions that  
454 may give rise to an appeal include, but are not limited to, the following:

- 455 • The Participant disagrees with the resolution of an Issue Report.
- 456 • The Participant disagrees with the Program Administrator's grounds for denying the award of  
457 certification to test results.

458 The two levels of appeal are a Technical Review and a Board Review. Review decisions are made in  
459 accordance with DMTF policies. At each level of appeal, the Participant has the right to representation at  
460 the review meeting to make the technical case but is not required to have representation. The appeals  
461 process is anonymous if the Participant does not want to be represented at the review meetings. In such  
462 cases, the Program Administrator removes the details of the Participant and the Submission from all  
463 information provided for the Technical and Board reviews.

464 A Participant wanting to dispute a DMTF or Program Administrator decision may request a Technical  
465 Review. Technical Reviews require the DMTF Technical Committee to consider the matter and produce a  
466 response with a recorded vote according to DMTF voting rules. The Technical Committee may  
467 commission reports from independent experts and may seek input from other committees within DMTF as  
468 it sees fit.

469 If the Participant is not satisfied with the outcome of the Technical Review, the Participant may request an  
470 appeal to the DMTF Board of Directors within 14 business days of being notified in writing by the Program  
471 Administrator of the results of the Technical Review. The DMTF's Board of Directors may ask for  
472 technical reports from the relevant working groups and may also ask for reports from independent  
473 experts. The Board Review is completed as soon as possible after the Board is informed by the Program  
474 Administrator of the Participant's written request for a Board Review. The results of a Board Review are  
475 final and cannot be further appealed.

476 Appeal requests are made to the Program Administrator. After a formal written appeal has been  
477 submitted, the Program Administrator evaluates the appeal fairly and in a non-discriminatory manner. The  
478 Program Administrator may request additional information or tests from the Participant that are deemed  
479 necessary and advisable in order to resolve the issue. The Program Administrator communicates the  
480 decision of the Appeal to the Participant.

481 Participants should be aware that while the DMTF makes every effort to act on a timely basis, it may take  
482 several weeks before an appeals decision is reached. In most cases, 60 business days is sufficient to  
483 provide a final appeal decision. However, in exceptional circumstances, final resolution may take longer.

## 484 **6 Confidentiality**

485 All information relating to a Participant and the Submissions to be certified are treated as confidential  
486 information by the Program Administrator during the certification process (that is, prior to the award of  
487 certification). This includes information related to the Registration Form, Conformance Statements, Issue  
488 Reports, Fees, and so on.

489 Test results are always confidential. Information regarding the results of using the test suites shall not be  
490 disclosed in any publicly available document or to any third party by the Program Administrator, the  
491 Participant, or any party acting on the Participant's behalf.

492 In addition, the Program Administrator always holds confidential any information regarding unsuccessful  
493 applications for certification.

### 494 **6.1 Disclosure of Certification information**

495 Certification Information consists of the fact that certification was achieved and the description of the  
496 Certified Submission. Any claims of conformance or information related to the certification process may  
497 be made public only after the Program Administrator has notified the Participant in writing through email  
498 that the Submission has passed the Conformance Requirements.

499 The Program Administrator makes test result certification information publicly available by including it in  
500 the Certification Register available on the DMTF's Web site.

### 501 **6.2 Optional confidential treatment of Certification information**

502 On occasion, a Participant applies for and achieves test result certification prior to the launch of the tested  
503 product in the marketplace. To enable a Participant to keep such information confidential prior to launch,  
504 the Participant may request that the test result certification information be kept confidential for a maximum  
505 period of six months from the date of written notification by the Program Administrator that the Test Result  
506 Submission has passed the Conformance Requirements.

507 During this period, the Participant may not make any representation of conformance with the  
508 Conformance Program without first informing the Program Administrator that the confidential period has  
509 expired. If the Participant wants to keep the test result certification information for a Submission  
510 confidential permanently, the Participant may request withdrawal and deletion of such information. Such a  
511 Submission is then no longer considered a Certified Submission.

512 When the six-month confidential period expires, the Participant shall notify the Program Administrator that  
513 the test result certification information that is posted on the DMTF Web site should be made public;  
514 otherwise, the Submission ceases to be considered a Certified Submission.

## 515 **7 DASH Conformance 2.0 Program updates**

516 The Conformance Test Package (described in clause 2) may change over time. Some events that may  
517 make a change necessary are as follows:

- 518 • A change in Conformance Requirements
- 519 • Addition, deletion, or modification of tests
- 520 • Changes in test software
- 521 • Changes in Eligibility Requirements

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## ANNEX A

### DASH Conformance Requirements

524 A Tested System that meets the following requirements shall be deemed “Conformant” by the System  
525 Management Forum and the DMTF:

- 526 • The Tested System shall implement all CIM profiles defined as Mandatory by *DASH*  
527 *Implementation Requirements 1.0* ([DSP0232](#)) or *DASH Implementation Requirements 1.1*  
528 ([DSP0232](#)) or *DASH Implementation Requirements 1.2* ([DSP0232](#)).
- 529 • The Tested System may implement Conditional and Optional profiles from *DASH*  
530 *Implementation Requirements 1.0* ([DSP0232](#)) or *DASH Implementation Requirements 1.1*  
531 ([DSP0232](#)) or *DASH Implementation Requirements 1.2* ([DSP0232](#)).
- 532 • For each Profile implemented by the Tested System, the Tested System shall meet the  
533 requirements of the corresponding Profile test of the Conformance Test Suite as follows:
  - 534 – The Tested System shall pass all tests for Mandatory requirements.
  - 535 – The Tested System shall pass all tests for any Optional requirements that are implemented  
536 by the Tested System.
  - 537 – The Tested System shall pass all tests for any Conditional requirements that are  
538 implemented by the Tested System and for which the Tested System exhibits the  
539 Conditions.
  - 540 – For any Profile that allows zero central instances, the Tested System may implement zero  
541 instances.
  - 542 – Protocol interactions during the Profile test shall be conformant as defined and used by the  
543 Profile tests.

544 The DASH Conformance Test Suite 2016 reports Conformance Test Results as follows:

- 545 • The DASH Conformance Test Suite 2016 reports conformance test results at three levels:  
546 individual test results, per-Profile summary results, and a CTS summary result.
- 547 • The per-Profile summary result shall be “Info” when no Registered Profile is found for the Profile.
- 548 • The per-Profile summary result shall be “Pass” when there is no applicable individual test result  
549 of “Fail” (that is, when all individual test results for the Profile are “Pass”, “Info”, or “Warning”).
- 550 • The Tested System shall receive a CTS summary result of “Pass” when there are no per-Profile  
551 summary results of “Fail” (that is, when all per-Profile summary results are “Pass”, “Info”, or  
552 “Warning”) and there is no summary result of “Fail” for each of the test sections “Discovery”,  
553 “Transport”, “WS-Event”, and “WS-Protocol”.

554 The submitted DASH Conformance Test Results for a Tested System that meet the following  
555 requirements shall be deemed “Certified” by the System Management Forum and the DMTF:

- 556 • The certification of Conformance Test Results is performed solely on the basis of the  
557 Conformance Test Results folder that results from a test run on a single Tested System and is  
558 submitted by an Eligible Participant.
- 559 • The Conformance Test Results folder shall be obtained by execution of the DASH  
560 Conformance Test Suite 2016 and it shall contain a Conformance Test Results file with a valid  
561 digital signature (certificate.xml) and tar file of the results placed there by the Conformance Test  
562 Suite
- 563 • The Conformance Test Results file shall not indicate a failure. TestsFailed field of the Test  
564 Summary section of Conformance Test Results shall have a value of 0

565 • The submission will be considered valid only if the Conformance Test Results (certificate.xml)  
566 were generated after the released date/time of the authorized DASH Conformance Test Suite  
567 2016.

568 • The submission will be considered valid only when the Conformance Test Results file  
569 containing a valid digital signature (certificate.xml) contains valid description of the qualified  
570 product.

571 If the Conformance Test Results file (certification.xml) does not meet the requirements above, the  
572 Program Administrator can request a re-submission, which will likely require a re-execution of the  
573 Conformance Test Suite by the participant.

574  
575

## ANNEX B

### DASH Conformance Test Suite 2016 Scope

576 *DASH Implementation Requirements 1.0* ([DSP0232](#) Version 1.0.1) or *DASH Implementation*  
577 *Requirements 1.1* ([DSP0232 version 1.1.0](#)) or *DASH Implementation Requirements 1.2* ([DSP0232](#)  
578 [version 1.2.1](#)) identifies the specific DMTF specifications and their revisions that are included in the scope  
579 of the Conformance Test Suite (CTS). Per DMTF policy, specification references are always given to the  
580 level of “major” and “minor” revisions (for example, “1.0” or “1.2”). When specifications are revised to note  
581 Errata, a third place in the revision designation is used, as in “1.0.1” or “1.0.3.” Errata editions do not  
582 define new requirements for conformance. While DSP0232 defines the scope of the CTS, there is no  
583 guarantee that the current released CTS will cover all of the stated requirements and future revisions of  
584 the CTS may include tests which were not included in earlier releases.

585 Test coverage of infrastructure and protocol specification included in the scope of DSP0232 is designed  
586 to cover the use of the infrastructure and protocol to access the functionalities defined by DSP0232 and  
587 Test Suite is not designed as a full evaluation of evaluation of implementation of the CIM infrastructure or  
588 protocol specifications.

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**ANNEX C**  
**DASH Conformance Program 2.0 Application Agreement**

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**Distributed Management Task Force, Inc. (DMTF)**  
**DASH Conformance Program 2.0 Application Agreement**

595

596 **Applicant Name** \_\_\_\_\_

597 **Address** \_\_\_\_\_

598 **City, State** \_\_\_\_\_ **ZIP** \_\_\_\_\_

599 **Country** \_\_\_\_\_ **Province** \_\_\_\_\_ **Post Code** \_\_\_\_\_

600 Authorized Contact Signature \_\_\_\_\_

601 Authorized Contact Printed Name \_\_\_\_\_

602 The Applicant named above (an Authorized Contact of the company representing the company  
603 participation in the program) applies to the DMTF for use of the DMTF Conformance Program, on the  
604 terms set forth, for the Products identified herein.

605 For purposes of this Agreement, the terms used herein shall have the meanings documented in  
606 clause 1.4, "Terms and definitions," of the *DASH Conformance Program 2.0 Policies and Procedures*  
607 *document*.

608 **1. Applicant's Obligations**

609 In addition to the Application-related information provided as part of the Application process, the Applicant  
610 will make best efforts to answer all reasonable additional questions the Program Administrator may raise.

611 **1.1 Application Process**

612 The Applicant shall complete and sign both the first and last page of this Application Agreement and  
613 include payment to the DMTF of any applicable fees as provided below.

614 Program Application Agreements and Submission Forms may be sent to the Program Administrator  
615 in any of the following ways:

- 616 - By mail to the following address:
- 617 Distributed Management Task Force, Inc.
- 618 Attn. DMTF DASH Conformance-Program Administrator
- 619 1001 SW 5th Avenue, 1100
- 620 Portland, OR 97204 USA

- 621 - By fax to 503.296.2432

- 622 - Scanned into PDF and sent by email to [dash\\_cp\\_admin@dmtf.org](mailto:dash_cp_admin@dmtf.org)

626 The Participant should retain copies of all Conformance Program forms and correspondence.



**627 1.2 Testing**

628 The Applicant shall complete formal Product testing using a current and authorized version of the  
629 Test Suites. The Program Administrator will maintain a list of the current versions of each Test Suite  
630 for use in this Program and on the DMTF Web site.

**631 1.3 Conformance**

632 For Conformance Test Results to be validated, the Applicant shall submit the Conformance Test  
633 Suite results for formal review to the Program Administrator for the particular version of the  
634 Conformance Test Suite for which the Applicant is requesting Conformance Test Results  
635 Certification. The Applicant shall comply with the Program Administrator's reasonable requests for  
636 clarification or rework regarding the completeness, correctness, or consistency of the information  
637 provided.

**638 1.4 Warranty of Conformance Test Result Certification**

639 The Applicant warrants and represents that the Products identified in ANNEX E, Applicant  
640 Submission Information, meet the Conformance Requirements at the time of Conformance Test  
641 Result Certification and at all times thereafter in which the Products are stated, advertised, or  
642 otherwise claimed in any way by the Applicant to be conformant under this Program.

643 If the Applicant fails to maintain and ensure continued Product compliance with the Conformance  
644 Requirements for this Program, the Program Administrator may revoke the Conformance Test Result  
645 Certification, including all related marketing benefits including but not limited to DMTF Web site  
646 listings. For avoidance of doubt, any demonstrable shortfall with respect to the Conformance  
647 Requirements shall be absolute grounds for the immediate withdrawal of Conformance Test Result  
648 Certification, whether or not that shortfall is apparent from the Conformance Test Result Certification  
649 and testing process itself. The Program Administrator shall provide written notice to the Applicant on  
650 evidence of Product non-conformance and grant a reasonable time, not to exceed five business  
651 days, for Applicant to respond and remediate such failure. If Product compliance is not achieved  
652 during this time, the Program Administrator shall revoke the Conformance Test Result Certification.

**653 1.5 Fees**

654 Publication (creation of a DMTF Certification Registry entry) is done only after receipt of any  
655 applicable Conformance Program Application and/or Submission Fees. The Fee Schedule for the  
656 DASH Conformance Program 2.0 is listed in ANNEX D.

**657 2. Conformance Program Administrator's Obligations****658 2.1 Submission Management**

659 The Program Administrator will audit and review all Program-related information provided by the  
660 Applicant, including the Application and Submission, to determine whether the submitted information  
661 demonstrates that the Submission meets the applicable Conformance Requirements.

662 The Program Administrator will notify the Applicant by email of the result within six business days of  
663 receipt of a complete Submission, as follows:

- 664 • If the reviewed results indicate that the Conformance Requirements have been met, the  
665 Program Administrator will notify the Applicant by sending a Notice of Conformance by  
666 email to the email address of the Technical Contact provided in this Agreement. If  
667 Applicant has granted permission in the signature section of this Application, the Program  
668 Administrator will include the Submission into the Certification Registry.
- 669 • If the reviewed results indicate that the Conformance Requirements have not been met,  
670 the Program Administrator will reject the Submission and report the findings for such  
671 rejection to the Applicant's Technical Contact by email.

## 672 **2.2 Anonymity of Appeals**

673 The Applicant may appeal a decision made or issued at any point in the Program by notifying the  
674 Program Administrator in writing of its desire to invoke the appeals process as defined in the *DASH*  
675 *1.0 Conformance Program Policies and Procedures*. The Program Administrator will facilitate an  
676 anonymous review on behalf of the Applicant.

## 677 **3. Conformance Program Participation**

678 The Applicant acknowledges and agrees that the DMTF determines and oversees Program participation,  
679 fees, eligibility for participation, technical matters, Test Suites, Submissions, the issuance of Notices of  
680 Conformance, and all Conformance Testing requirements, interpretations, and all other matters related to  
681 the Program. The Applicant understands and agrees that participation in the Program is entirely  
682 voluntary, that the DMTF is a not-for-profit 501(c)(6) organization, and that the DMTF has developed,  
683 maintains, and administers the Program as a vendor-neutral activity supportive of interoperability in the  
684 global computer technology industry, consistent with its chartered tax-exempt purposes.

685 Certification of Conformance Test Results does not in any way guarantee the interoperability of the  
686 Tested Product with any other product that is the subject of a Certified Test Result.

## 687 **4. Pre-authorized Automatic DMTF Web Site Listing**

688 The Applicant's Certified Conformance Test Result Submissions will be listed on the DMTF public Web  
689 site at [www.dmtf.org](http://www.dmtf.org) automatically if the Applicant initials the appropriate box on the signature page of  
690 this Application or Submission Form. Posted Certified Submissions can be removed from the DMTF Web  
691 site within 10 business days of the Program Administrator's receipt of a written request from the  
692 Applicant. Likewise, the Applicant may request to change a "do not list" election made on this Application  
693 Agreement by written request to the Program Administrator at any time. Certified Submissions may be  
694 added to or removed from the Certification Registry upon such written request by the Applicant at any  
695 time.

## 696 **5. Confidentiality**

697 DMTF shall safeguard Applicant information which is marked and designated by the Applicant as  
698 CONFIDENTIAL ("Confidential Information"). Such information will be made available solely to the  
699 Program Administrator and will not be distributed nor made available to the DMTF management or  
700 membership.

### 701 **5.1 Confidentiality Covenants and Conditions**

702 The Program Administrator is also bound by the confidentiality covenants and conditions of this  
703 Agreement, as stated below.

#### 704 **5.1.1**

705 The Program Administrator shall, except where a provision of this Agreement expressly provides  
706 otherwise, maintain in confidence all Confidential Information that the Applicant discloses to the  
707 Program Administrator in relation to this Program. No license, express or implied, under any  
708 trademark, copyright, or other intellectual property right of the Applicant is granted by the Applicant to  
709 the Program Administrator by virtue of such disclosure. The Program Administrator shall keep such  
710 Confidential Information in a file jacket marked CONFIDENTIAL and stored in a locked filing cabinet  
711 in a secure location when not in use, properly safeguarded and maintained in strictest confidence.  
712 The Program Administrator shall not use any such Confidential Information except for the Applicant's  
713 own purposes under this Agreement. The Program Administrator's obligations under this subclause  
714 shall be to take such steps as it ordinarily takes to preserve the most important of its own confidential  
715 information, but not less than the above.

716 **5.1.2**

717 The obligations of non-disclosure and non-use set out in this Agreement shall not apply to any item  
718 of information that:

- 719 • Is in the public domain at any time (but without prejudice to any party's rights of action  
720 against another party who wrongfully causes or permits such information to be in the public  
721 domain)
- 722 • Was rightfully in the receiving party's possession without obligation of confidence prior to  
723 its disclosure pursuant to this Agreement, or is subsequently independently developed by  
724 the receiving party's employees having no access to the information disclosed hereunder
- 725 • Is subsequently rightfully obtained without obligation of confidence by the receiving party  
726 from a source other than the Applicant as evidenced by written records
- 727 • Is required to be disclosed by order of any court of competent jurisdiction, provided the  
728 Applicant is given prompt notice of any such order in sufficient time to file legal objection  
729 thereto

730 **5.1.3**

731 No right or interest under any license, patent, or otherwise shall be acquired by the recipient of any  
732 information by virtue of the application of this clause.

733 **5.1.4**

734 To enable the Applicant to keep the fact of Certification confidential for a period of up to six months  
735 from the date of written notice by email by the Program Administrator that the Applicant has achieved  
736 Certification, the Applicant's identity, the fact of Certification, and the information about the Certified  
737 Conformance Test Result Submission will be kept confidential subject to the disclosure and use  
738 restrictions set out in this clause, if the Applicant elects and initials the option for delayed disclosure  
739 as shown on the signature page of this Agreement. During this period, the Applicant may not publicly  
740 claim that the Product is or has passed the Conformance Requirements of this Program, or make  
741 any representation of compliance without first informing the Program Administrator that the Applicant  
742 elects to have the confidential period expire. Application and Submission Information will cease to be  
743 held confidential after such six-month period.

744 **6. Liability**

745 **THE APPLICANT ACKNOWLEDGES THAT IT IS REASONABLE FOR THE DMTF AS A NOT-FOR-PROFIT ORGANIZATION TO EXCLUDE LIABILITY AS SET OUT BELOW AND FOR THE APPLICANT TO TAKE MEASURES, INCLUDING MAINTENANCE OF APPROPRIATE INSURANCE COVERAGES, TO MITIGATE OR PREVENT ANY POTENTIAL LOSSES THAT MAY ARISE.**

749 **THE DMTF ON ITS OWN BEHALF AND ON BEHALF OF ITS OFFICERS, EMPLOYEES, AND AGENTS HEREBY EXCLUDES ALL LIABILITY, WHETHER IN CONTRACT, TORT, OR OTHERWISE, ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE USE OR NON-USE BY ANY PERSON OF ANY INFORMATION PROVIDED BY THE DMTF TO THE MAXIMUM EXTENT PERMITTED UNDER APPLICABLE LAW. IN NO EVENT OR CIRCUMSTANCES SHALL THE DMTF BE LIABLE FOR ANY INDIRECT OR CONSEQUENTIAL LOSSES (INCLUDING, WITHOUT LIMITATION, ANY LOSS OF PROFITS, CONTRACTS, PRODUCTION, OR USE).**

756 **7. Indemnity**

757 The Applicant shall indemnify and hold harmless the DMTF, together with its officers, agents,  
758 subcontractors, and members and their servants when engaged in activities on behalf of the DMTF, but  
759 only to the extent that they are acting in that capacity (together, the "Indemnified"), against any and all  
760 demands and claims of the Applicant, and of third-party liability including liability for losses, damages,

761 settlements, and costs (including lawyers' fees) of any nature whatsoever asserted against or suffered by  
762 the Indemnified, arising from the Conformance Program and not caused by any criminal action, gross  
763 negligence, or tort by the Indemnified, provided that the Indemnified meets the following requirements:

- 764 • Notifies the Applicant within 10 business days of any such demand and claim, and refrains  
765 from any action on account of such demands and claims which may prejudice the  
766 Applicant
- 767 • Cooperates fully with the Applicant in the defense or settlement
- 768 • Grants the Applicant full authority and control to defend and settle any such demands and  
769 claims

770 The DMTF shall take all reasonable steps to limit such damage or loss.

771 No provision of this clause shall apply in any circumstances or in respect of any liability or class of liability  
772 to the extent that it is not in accordance with applicable law. In the event such a provision is held to be  
773 inapplicable or invalid, the parties will amend this Agreement to remove the inapplicable or invalid part of  
774 the provision and otherwise so as to retain the provision and contract intent to the extent permissible  
775 under applicable law.

## 776 8. General

### 777 8.1 *Entire Agreement*

778 This Agreement, including the documents referenced as attached (as may be amended from time to  
779 time), together with all other forms relating to this Agreement submitted and accepted by both  
780 Parties, constitutes the entire Agreement and supersedes all prior oral or written agreements,  
781 understandings, or arrangements between the Parties relating to such subject matter. Neither Party  
782 shall be entitled to rely on any agreement, understanding, arrangement, or representation relating to  
783 the subject matter of this Agreement that is not expressly contained in this Agreement, and no  
784 change may be made to this Agreement except in writing and signed by duly authorized  
785 representatives of both Parties.

### 786 8.2 *Waiver of Rights under this Agreement*

787 No failure or delay on the part of either of the Parties to exercise any right or remedy under this  
788 Agreement shall be construed or operate as a waiver thereof nor shall any single or partial exercise  
789 of any right or remedy preclude the further exercise of such right or remedy as the case may be.

### 790 8.3 *Notices*

791 Any notice or other document to be given under this Agreement shall be in writing in the English  
792 language and, except in circumstances where this Agreement specifically provides for notices by  
793 email, shall be deemed to have been duly given if sent by hand, by recorded delivery, by registered  
794 post, or by facsimile (subsequently confirmed by post) to a party at the specified address for that  
795 party, unless a different address has been given to the other in writing for this purpose. The specified  
796 address for the Program Administrator is the address set out below, and the specified address for  
797 the Applicant is the address provided for on page 1 of this Application Agreement.

798 DMTF notices should be sent to:

799 **Distributed Management Task Force, Inc.**  
800 **Attn. DMTF DASH Conformance-Program Administrator**  
801 **1001 SW 5th Avenue, #1100**  
802 **Portland, OR 97204 USA**  
803  
804 **Fax: 503.296.2432**

**805 9.4 Term and Termination**

806 This Agreement comes into effect at the date of acceptance by the Applicant and will expire only if  
807 explicitly terminated under one of the following conditions:

- 808 • At any time upon six months' written notice by either Party to the other
- 809 • If a period of 30 business days has elapsed from one Party notifying the other Party of a  
810 breach of this Agreement or of the terms of the *DASH Conformance Program 2.0 Policies*  
811 *and Procedures* document, and such a breach has not been rectified to the satisfaction of  
812 the other Party

813 Notwithstanding the termination of this Agreement for any reason, the obligations of non-disclosure  
814 in respect to any confidential information disclosed prior to such termination shall survive for a period  
815 of five years following such termination.

**816 8.5 Governing Law**

817 This Agreement shall be governed by the laws of Oregon, and the parties submit to the non-  
818 exclusive jurisdiction of the United States federal courts located in Oregon.

**819 8.6 Execution**

820 The Applicant:

- 821 • Acknowledges reading and understanding this Agreement
- 822 • Agrees to be bound by the terms of the *DASH Conformance Program 2.0 Policies and*  
823 *Procedures* document
- 824 • Warrants and represents that the Submissions meet the applicable conformance  
825 requirements
- 826 • Warrants that NO MATERIAL CHANGES have been made to this Agreement since it was  
827 made available to the Applicant by the Program Administrator
- 828 • Agrees that all these obligations, and those described in the Confidentiality and Indemnity  
829 clauses of this Agreement, shall survive the termination of this Agreement
- 830 • Has included with this fully executed Agreement all applicable fees due for this Program as  
831 outlined in the "DASH Conformance Program 2.0 Fee Schedule" attached hereto as  
832 ANNEX D
- 833 • Has fully executed the "Applicant Submission Information", for the Submissions attached  
834 hereto as ANNEX E.

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### DASH Conformance Program 2.0 Application Agreement

**ACKNOWLEDGED  
and AGREED by  
Company  
Authorized  
Contacts**

Company \_\_\_\_\_

Company URL: \_\_\_\_\_

Company Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

.

\_\_\_\_\_

**Authorized  
Contact**

Authorized Contact Signature \_\_\_\_\_

Authorized Contact Printed Name \_\_\_\_\_

Date \_\_\_\_\_

Title \_\_\_\_\_

Email \_\_\_\_\_

Business Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone (Office)\_\_\_\_\_ (Mobile)\_\_\_\_\_

**Alternate  
Authorized  
Contact**

Alternate Authorized Contact Signature \_\_\_\_\_

Alternate Authorized Contact Printed Name \_\_\_\_\_

Date \_\_\_\_\_

Title \_\_\_\_\_

Email \_\_\_\_\_

Business Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone (Office)\_\_\_\_\_ (Mobile)\_\_\_\_\_

**Technical Contact  
Information**

Technical Contact Name \_\_\_\_\_

Email \_\_\_\_\_

Business Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone (Office)\_\_\_\_\_ (Mobile)\_\_\_\_\_

**Payment:** Our payment of US\$ \_\_\_\_\_ is attached as payment of our fees for participation in this Program based on the Fee Schedule in ANNEX D.

Payment in US\$ drawn on a US-based bank, payable to the Distributed Management Task Force, Inc., in one of these ways:

**1) By check**

Send a check payable to the DMTF by post to:

Distributed Management Task Force, Inc.  
Unit 82  
P.O. Box 4800  
Portland, OR 97208-4800

**2) By bank wire transfer**

Payments may be made through bank wire transfer. Contact [DMTF Administration](#) to request payment routing instructions. If you have already received a DMTF invoice, you can find the wire transfer information under payment option 2 on your invoice copy.

**3) By credit card**

DMTF accepts VISA, MasterCard, and American Express. Submit by fax to 503.296.2432 or contact DMTF by phone at 503.220.1655.

Include the cardholder's full name, card number, expiration date, and total amount authorized to charge.



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**ANNEX D**  
**DASH Conformance Program 2.0**  
**Fee Schedule**

**Application Fee**

System Management Forum Member (All members)	Membership Benefit
DMTF Participatory Member or Higher	\$ 2,500
All Others	\$ 3,500

**Conformance Test Result Certification Registration Fees**

System Management Forum Leadership Member	Membership Benefit
System Management Forum Participatory Member	Membership Benefit
DMTF Participatory Member or Higher	\$ 500 per product
All Others	\$ 1,000 per product

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**ANNEX E**  
**DASH Conformance Program 2.0**  
**Product Submission Form**

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**DASH Conformance Program 2.0 Submission Agreement**

844 Please use this form to:

- 845 • Submit Conformance Test Results for a Tested Product
- 846 • Submit product family names and product names of Qualified Products for which these  
847 submitted Conformance Test Results are applicable
- 848 • Submit product family names and product names of Qualified Products for which previously  
849 submitted Conformance Test Results are applicable

850 This form should be completed by the company's Authorized Contact and sent to the DASH Program  
851 Administrator. If Conformance Test Results are being submitted, the signed Conformance Test Results  
852 produced by the DASH CTS 2016 shall be attached. Publication (creation of a DMTF Certification  
853 Registry entry) is done only after receipt of any applicable conformance program application and/or  
854 submission fees.

855 \_\_\_\_\_(Initial Here) Do not publish the Tested and/or Qualified Products above on the DMTF Web site  
856 Certification Registry and in Program Marketing Material

857 NOTE: If initialed, it will be the responsibility of an Authorized Contact to send notice to the  
858 Conformance Program Administrator to publish the Tested and/or Qualified Products in this  
859 Submission to the Certification Registry.  
860

861 Request to Certify Conformance Test Results for a Tested Product

<b>Vendor/Company Information</b>	<b>Vendor/Company (required)</b>	<b>Name:</b>
	<b>Authorized Contact Name:</b>	<b>Name:</b>
	<b>Authorized Contact Email:</b>	<b>Email:</b>
	<b>Authorized Contact Phone:</b>	<b>Phone:</b>
<b>Submission Information</b>	<b>Certification Requested</b>	<b>DASH 1.0 / DASH 1.1 / DASH 1.2</b>
	<b>Conformance Test Suite / Version (required)</b>	<b>DASH CTS 2016 Version _____</b>
	<b>Date Tested (required)</b>	<b>Date:</b>
	<b>Provisional Certification Requested? (check)</b>	<input type="checkbox"/> <b>Request to issue Provisional Certification</b>
	<b>Reason for Provisional Request</b> <i>Required when claiming Provisional Certification. List any CTS defect sightings or other Program issues.</i>	
<b>Tested Product Information</b> <i>Identifies the Product Name, Model, and Version for which the Test Results apply.</i>	<b>Name (required): *</b>	<b>Name:</b>
	<b>Model (required): *</b>	<b>Model:</b>
	<b>Version (required):</b> <i>Describes the specific variant of the Product with the Name and Model given. For example, the specific form factor identification.</i>	<b>Version:</b>
	<b>Product Description:</b> <i>General description of the Product.</i>	<b>Description:</b>
	<b>Product Family:</b> <i>The name of the product family</i>	<b>Family:</b>
	<b>Compliance Qualification (required)</b> Vendor's description of the product feature required by the vendor in the Tested Product or System in order to meet the conformance requirements. For example, if a particular product feature shall be ordered, enter that feature identification here. Other examples of Qualifications include specific firmware versions, add-in parts or adapters, etc.	
	<b>Product Type (required)</b> <i>"System" indicates that the results are submitted for a stand-alone, integrated system product. "Component" indicates that the results are submitted for a component product. If Product Type is "Component", the section titled "Tested System Information" is required.</i>	<b>Check one:</b> <b>System _____ Component _____</b>
<b>Tested System Information (conditional)</b> <i>Information about product-specific configurations or options required to obtain the results. If the product for which the result is being submitted is a Component, information about the system in which the component was tested.</i>	<b>Name:</b>	<b>Name:</b>
	<b>Model:</b>	<b>Model:</b>
	<b>Version:</b>	<b>Version:</b>
	<b>Vendor:</b>	<b>Vendor:</b>
	<b>Description:</b>	<b>Description:</b>
	<b>Hardware Environment</b> <i>(Cards, Features, Options, etc.; add list items if necessary):</i>	• • •
	<b>Software Environment</b> <i>(Operating System, Drivers, Firmware, etc.; add list items if necessary):</i>	• • •
	<b>Other Required System Components</b> <i>(add list items if necessary):</i>	• • •

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**Request to Apply Certified Conformance Test Results to Qualified Products**

<b>Type of Request (check one)</b>	Apply the "Qualified Products" (below) to the certified conformance test results <input type="checkbox"/> in the "Request to Certify Conformance Test Results for a Tested Product" above <input type="checkbox"/> identified by the following Certification Identifier				
<b>Certification Identifier</b>	Certification ID# _____ (If you checked "in the 'Request to Certify Conformance Test Results for a Tested Product'", leave this value blank. Otherwise, enter the identifier that the company received from the Program Administrator for a previously certified test result Submission.)				
<b>Qualified Products</b>	<b>Name</b>	<b>Model</b>	<b>Version</b>	<b>Description</b>	<b>Product Family Name</b>
List all products for which the Certification identified above is applicable. Name, Model, and Version are required for each entry.					

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