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5 # DASH Conformance Program 2.0 Policies and
6 # Procedures

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36   Abstract

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

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44   CONTENTS

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93 **Tables**

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98   # DASH Conformance Program 2.0 Policies and Procedures

99   ## 1   Overview

100   ### 1.1   Document purpose and scope

101   Desktop and mobile Architecture for System Hardware (DASH) is a manageability initiative of the
102   Distributed Management Task Force, Inc. (DMTF). The Initiative is described at
103   http://www.dmtf.org/standards/mgmt/dash. The technical requirements of DASH 1.0 are specified in
104   DSP0232, *DASH Implementation Requirements 1.0;* DASH 1.1 are specified in DSP0232, *DASH*
105   *Implementation Requirements 1.1;* DASH 1.2 are specified in DSP0232, *DASH Implementation*
106   *Requirements 1.2;* DASH 1.3 are specified in DSP0232, *DASH Implementation Requirements 1.3*. The
107   System Management Forum (SMF), a forum within the DMTF, has developed a DASH Conformance
108   Program 2.0 (the Program) that certifies DASH 1.0, DASH 1.1, DASH 1.2 and DASH 1.3 supported
109   products.

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

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

117   ### 1.2   Program administration

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

124   ### 1.3   Normative references

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

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

131   ### 1.4   Terms and definitions

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

137   for linguistic reasons. Note that ISO/IEC Directives, Part 2, Annex H, specifies additional alternatives.
138   Occurrences of such additional alternatives shall be interpreted in their normal English meaning.

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

140   **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 (www.dmtf.org)
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 DSP0232, *DASH Implementation Requirements 1.0;* DSP0232, *DASH Implementation Requirements 1.1;* DSP0232, *DASH Implementation Requirements 1.2.*
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

Term	Definition
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.
Issue Report (IR)	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 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
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.

2 Policies

2.1 Conformance Test Package

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

2.2 Conformance Requirements

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

The following policies govern the Conformance Requirements under the Program:

- Conformance tests of the Conformance Test Suite verify correctness for all mandatory clauses, for all conditional clauses for which the condition is true, and for all optional clauses that are

154 implemented by the Tested System against DASH 1.0 or DASH 1.1 or DASH 1.2 or DASH 1.3
155 specifications.

156 • Non-normative statements and clauses in profile specifications (for example, "Use Cases"
157 clauses) are not tested.

158 • Conformance Test Suite can be configured to test Requirements of DASH 1.0 specification or
159 DASH 1.1 specification or DASH 1.2 specification, or DASH 1.3 specification, and no additional
160 requirements are imposed.

161 • The testing is restricted to interactions through the Management Access Point (or MAP).

162 – Functional testing is not performed (for example, values reported by the MAP, such as
163 temperature or RPM, are not tested for correctness on the Tested System).

164 – Only testable functionality through the MAP is tested. For instance, behavior in case of
165 errors or failure is not tested if errors or failure cannot be provoked through the MAP.

166 • A copy of the Conformance Requirements is included in the Conformance Test Package.

167 • All submissions of results from a versioned Conformance Test Package, as described in 2.1,
168 are evaluated using the Conformance Requirements that are distributed with that Conformance
169 Test Package.

170 • The SMF may periodically update the Conformance Requirements and create a new
171 Conformance Test Package (with a new version number), as described in clause 7, "DASH
172 Conformance 2.0 Program updates".

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

2.3 Eligible participants

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

2.4 Scope of Conformance Test Results certification

186 The object of the DASH Conformance Test Suite 2016 is a Tested System. Conformance Test Results for
187 a Tested System are associated by the Vendor to a Vendor's Product.

188 Certification is granted only for test results of "provider" or "server-side" implementations (for
189 conformance to DASH 1.0 or DASH 1.1 or DASH 1.2 or DASH 1.3) — that is, implementations that are
190 managed through a Manageability Access Point (MAP). Conformance testing and certification of test
191 results is not currently performed on "client-side" implementations (for example, management consoles).
192 Certification of test results is not granted on an individual profile basis.

2.4.1 Specification versions

194 DASH Conformance Test Suite 2016 can certify a test system for only DASH 1.0 or DASH 1.1 or DASH
195 1.2 or DASH 1.3 conformance. One has to provide the appropriate initiative information when running the

196 DASH Conformance Test Suite v2.0 to obtain Conformance Test Results for a specific supported DASH
197 initiative.

2.4.2   Product

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

2.4.3   Product Family

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

2.4.4   Product versions

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

3   Procedures

3.1   Registering for the Program

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

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

226   1) Mail or Email or Fax a signed Application Agreement to the Program Administrator of System
227   Management Forum, using the address or email address or fax number listed in the Application
228   Agreement.

229   2) Electronically submit application agreement available at Application Agreement.

230 The Program Administrator performs the following tasks:

231   1) Review the request to make sure it includes the required information.

232   2) Record the Application in a list of Applications received.

233   3) Send the Conformance Test Package (including information and tools needed to complete the
234   testing process) to the Participant, including:

235   •   The *Conformance Program Policies and Procedures*

236   •   The Conformance Test Suite

237   •   The Conformance Requirements that the SMF uses for evaluating the results

238   •   Instructions for running the tests and submitting results

239   •   Instructions for submitting questions and appealing results

240   4)   If the Participant completes the Testing Process and the Submission Process as described in this
241   document, following the instructions included in the Conformance Test Package, the Program
242   Administrator records successful demonstration of compliance.

243   3.1.1   Company Authorized Contacts

244 The Participant is allowed to name up to two Authorized Contacts for the Program. Authorized Contacts
245 are authorized by the participating company to make program-related decisions for the company, such as
246 submit test results, submit Submission Forms, raise program Issues, and give publication authorizations.
247
248 The Program Administrator may reject any company request that is in conflict with a request or
249 submission made previously by another Company Authorized Contact until the Program Administrator is
250 satisfied that all Authorized Contacts are in agreement with the request content.

251   3.2   Obtaining the DASH Conformance Test Suite 2016

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

256   3.3   Testing

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

259 Instructions for running the tests are included in the Conformance Test Package and may vary from
260 version to version. The Participant shall return test results without modifying any of the information
261 generated by the test. If the Participant finds problems with the test and wants to contest the results, the
262 Participant shall follow the *Appeals Process* (see clause 5)*.*

263 After executing the test, the Participant determines whether to complete the *Submission Procedures* (see
264 clause 3.4).

265   3.4   Submission procedures

266   3.4.1   Submitting Conformance Test Results for a Tested Product

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

269   1)   Mail the results of the test and a copy of the product Submission Form included in ANNEX E.
270   The Participant's completed Submission Form contains required information about the Product.

271   2)   Electronically submit the same at Product Submission form

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

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

3.4.2 Submitting "Qualified Product" claims

283 The Participant may submit additional claims for "Qualified Products" for previously submitted and
284 certified Conformance Test Results. Any Product that shares the same Qualification and is warranted by
285 the Participant to meet the Conformance Requirements may be added to an existing Test Result
286 Certification by submitting a new Submission Form and including the Certification Identifier of the
287 applicable Conformance Test Results.

3.5 Submission evaluation

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

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

295 If the Program Administrator determines that the Product demonstrates conformance, the Program
296 Administrator completes the *Conformance Publication Process* (see clause 3.6), unless the Participant
297 requested no conformance publication in the Application Agreement.

298 The Participant reviews the determination. If the Participant believes that the determination is incorrect,
299 the Participant completes the *Appeals Process* (see clause 5).

3.6 Conformance Publication process

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

3.6.1 Publishing Conformance Test Result certifications

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

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

309 When the Conformance Test Results file is received as part of a Submission, validated, and certified by
310 the Program Administrator, a record is created in the Conformance Program's Certification Registry
311 located on a DMTF server.

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

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

315   3.6.1.1   Certification Registry contents

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

318 One Certification Record is created for each Product for which a Conformance Test Result file applies. A
319 Certification Identifier is assigned to each Certification Record. For Products that are Tested Products
320 (that is, a submitted Conformance Test Result file was generated from testing of the Product), the entry is
321 noted as a "Tested Product" entry. Any Product *associated* with a Conformance Test Result by the
322 Vendor is noted as a "Qualified Product" and is referred to as a "Qualified Product" entry.

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

324   **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: **System** indicates that the Product is a stand-alone, integrated system. **Component** 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

Field (All values are strings)	Comments
Managed System Type: [System | Simulation | Proxy | Other]	Describes the Tested System: **System** – Stand-alone, integrated system **Simulation** – MAP is managing a simulated system **Proxy** – MAP resides on a physically separate system **Other** – Vendor-supplied string (next field)
Other: <string>	None
Hardware environment (Systems, Cards, Features/Options, etc.)	None
HW Component 1:	None
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

325   **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

Field (All values are strings)	Comments
Product Type: [System | Component]	Describes the Product: **System** indicates that the Product is a stand-alone, integrated system. **Component** 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

326 3.6.2 Deleting Conformance Test Result Certification publications

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

332 3.7 Public Conformance Claims

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

340 **Conformance Program Naming Conventions**

341   DASH Conformance Program 2.0

342   DASH Conformance Test Suite 2016 or DASH CTS 2016

343 **Conformance Claim Examples**

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

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

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

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

348 4 Issue Reporting process

349 4.1 Overview

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

354 The types of issues that may be reported include:

355 • Potential errors or ambiguities in the Conformance Requirements or the underlying standards
356 referenced by the DASH Conformance Requirement specifications

357 • Potential deficiencies in the Conformance Test Suites used to assess Conformance
358 Requirements or other test suites referenced by the Program (if any)

359 • Possible process errors in the Program, specifically related to the registration process,
360 agreements, and general Program issues

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

4.2 Issue Report resolution process

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

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

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

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

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

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

4.3 Resolution of Issue Reports

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

392 • Accepted as an error or ambiguity in the specifications (requiring an Interpretation or INT)

393 • Accepted as an error in a test suite (a CTS Deficiency)

394 • Accepted as an error in the Conformance Program (CP Deficiency)

395 • Rejected

396 Interpretations, CTS Deficiencies, and CP Deficiencies never cause previously Certified Test Result
397 Submissions to be "uncertified". Interpretations, CTS Deficiencies, and CP Deficiencies can cause the
398 definition of Conformance to evolve over time. Subsequent Participant Submissions are always required
399 to conform to the current Conformance Requirements.

4.3.1 Interpretations

400

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

405 Interpretations of Specifications never result in behavior that was previously considered to be conformant
406 being declared non-conformant at a given revision level of the Specification. However, Interpretations
407 may cause a change in a future release of a Specification that will prohibit behavior previously considered
408 acceptable. Interpretations can only result in behavior that was previously considered to be non-
409 conformant being declared to be conformant.

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

4.3.2 Conformance Test Suite Deficiency

412

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

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

4.3.2.1 Provisional Test Result Certification due to CTS Deficiency

423

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

4.3.3 Conformance Program Deficiency

434

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

441 4.3.3.1 Provisional Test Result Certification due to CP Deficiency

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

451 4.4 Issue Report repository

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

457 5 Appeals process

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

460 • The Participant disagrees with the resolution of an Issue Report.

461 • The Participant disagrees with the Program Administrator's grounds for denying the award of
462   certification to test results.

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

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

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

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

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

6   Confidentiality

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

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

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

6.1   Disclosure of Certification information

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

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

6.2   Optional confidential treatment of Certification information

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

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

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

7 DASH Conformance 2.0 Program updates

520

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

523   •   A change in Conformance Requirements

524   •   Addition, deletion, or modification of tests

525   •   Changes in test software

526   •   Changes in Eligibility Requirements

527	**ANNEX A**
528	**DASH Conformance Requirements**

529 A Tested System that meets the following requirements shall be deemed "Conformant" by the System
530 Management Forum and the DMTF:

531 • The Tested System shall implement all CIM profiles defined as Mandatory by *DASH*
532 *Implementation Requirements 1.0* (DSP0232) or *DASH Implementation Requirements 1.1*
533 (DSP0232) or *DASH Implementation Requirements 1.2 (*DSP0232).

534 • The Tested System may implement Conditional and Optional profiles from *DASH*
535 *Implementation Requirements 1.0* (DSP0232) or *DASH Implementation Requirements 1.1*
536 (DSP0232) or *DASH Implementation Requirements 1.2 (*DSP0232).

537 • For each Profile implemented by the Tested System, the Tested System shall meet the
538 requirements of the corresponding Profile test of the Conformance Test Suite as follows:

539 – The Tested System shall pass all tests for Mandatory requirements.

540 – The Tested System shall pass all tests for any Optional requirements that are implemented
541 by the Tested System.

542 – The Tested System shall pass all tests for any Conditional requirements that are
543 implemented by the Tested System and for which the Tested System exhibits the
544 Conditions.

545 – For any Profile that allows zero central instances, the Tested System may implement zero
546 instances.

547 – Protocol interactions during the Profile test shall be conformant as defined and used by the
548 Profile tests.

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

550 • The DASH Conformance Test Suite 2016 reports conformance test results at three levels:
551 individual test results, per-Profile summary results, and a CTS summary result.

552 • The per-Profile summary result shall be "Info" when no Registered Profile is found for the Profile.

553 • The per-Profile summary result shall be "Pass" when there is no applicable individual test result
554 of "Fail" (that is, when all individual test results for the Profile are "Pass", "Info", or "Warning").

555 • The Tested System shall receive a CTS summary result of "Pass" when there are no per-Profile
556 summary results of "Fail" (that is, when all per-Profile summary results are "Pass", "Info", or
557 "Warning") and there is no summary result of "Fail" for each of the test sections "Discovery",
558 "Transport", "WS-Event", and "WS-Protocol".

559 The submitted DASH Conformance Test Results for a Tested System that meet the following
560 requirements shall be deemed "Certified" by the System Management Forum and the DMTF:

561 • The certification of Conformance Test Results is performed solely on the basis of the
562 Conformance Test Results folder that results from a test run on a single Tested System and is
563 submitted by an Eligible Participant.

564 • The Conformance Test Results folder shall be obtained by execution of the DASH
565 Conformance Test Suite 2016 and it shall contain a Conformance Test Results file with a valid
566 digital signature (certificate.xml) and tar file of the results placed there by the Conformance Test
567 Suite

568 • The Conformance Test Results file shall not indicate a failure. TestsFailed field of the Test
569 Summary section of Conformance Test Results shall have a value of 0

570   •   The submission will be considered valid only if the Conformance Test Results (certificate.xml)
571   were generated after the released date/time of the authorized DASH Conformance Test Suite
572   2016.

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

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

579   # ANNEX B
580   # DASH Conformance Test Suite 2016 Scope

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

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

594

595

596 <div align="center">**ANNEX C**</div>
597 <div align="center">**DASH Conformance Program 2.0 Application Agreement**</div>

598 <div align="center">**Distributed Management Task Force, Inc. (DMTF)**</div>
599 <div align="center">**DASH Conformance Program 2.0 Application Agreement**</div>

600

601 **Applicant Name** _____

602 **Address** _____

603 **City, State** _____   **ZIP** _____

604 **Country** _____   **Province**_____   **Post Code_____**

605 Authorized Contact Signature _____

606 Authorized Contact Printed Name _____

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

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

613 ## 1. Applicant's Obligations

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

616 ### *1.1 Application Process*

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

619 Program Application Agreements and Submission Forms may be sent to the Program Administrator
620 in any of the following ways:
621

622 - By mail to the following address:
623   Distributed Management Task Force, Inc.
624   Attn. DMTF DASH Conformance-Program Administrator
625   1050 SW 6th Avenue, #1100
626   Portland, OR 97204 USA
627

628 - By fax to 503.296.2432
629

630 - Scanned into PDF and sent by email to dash_cp_admin@dmtf.org

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

1.2   Testing

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

1.3   Conformance

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

1.4   Warranty of Conformance Test Result Certification

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

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

1.5   Fees

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

2.   Conformance Program Administrator's Obligations

2.1   Submission Management

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

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

- If the reviewed results indicate that the Conformance Requirements have been met, the Program Administrator will notify the Applicant by sending a Notice of Conformance by email to the email address of the Technical Contact provided in this Agreement. If Applicant has granted permission in the signature section of this Application, the Program Administrator will include the Submission into the Certification Registry.

- If the reviewed results indicate that the Conformance Requirements have not been met, the Program Administrator will reject the Submission and report the findings for such rejection to the Applicant's Technical Contact by email.

677   *2.2   Anonymity of Appeals*

678   The Applicant may appeal a decision made or issued at any point in the Program by notifying the
679   Program Administrator in writing of its desire to invoke the appeals process as defined in the *DASH*
680   *1.0 Conformance Program Policies and Procedures.* The Program Administrator will facilitate an
681   anonymous review on behalf of the Applicant.

682   ## 3.   Conformance Program Participation

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

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

692   ## 4.   Pre-authorized Automatic DMTF Web Site Listing

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

701   ## 5.   Confidentiality

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

706   *5.1   Confidentiality Covenants and Conditions*

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

709   **5.1.1**

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

721   **5.1.2**

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

724   • Is in the public domain at any time (but without prejudice to any party's rights of action
725   against another party who wrongfully causes or permits such information to be in the public
726   domain)

727   • Was rightfully in the receiving party's possession without obligation of confidence prior to
728   its disclosure pursuant to this Agreement, or is subsequently independently developed by
729   the receiving party's employees having no access to the information disclosed hereunder

730   • Is subsequently rightfully obtained without obligation of confidence by the receiving party
731   from a source other than the Applicant as evidenced by written records

732   • Is required to be disclosed by order of any court of competent jurisdiction, provided the
733   Applicant is given prompt notice of any such order in sufficient time to file legal objection
734   thereto

735   **5.1.3**

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

738   **5.1.4**

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

6. Liability

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

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

7. Indemnity

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

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

769 • Notifies the Applicant within 10 business days of any such demand and claim, and refrains
770 from any action on account of such demands and claims which may prejudice the
771 Applicant

772 • Cooperates fully with the Applicant in the defense or settlement

773 • Grants the Applicant full authority and control to defend and settle any such demands and
774 claims

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

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

781 ## 8. General

782 ### *8.1 Entire Agreement*

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

791 ### *8.2 Waiver of Rights under this Agreement*

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

795 ### *8.3 Notices*

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

803 DMTF notices should be sent to:

804 **Distributed Management Task Force, Inc.**
805 **Attn. DMTF DASH Conformance-Program Administrator**
806 1050 SW 6th Avenue, #1100
807 **Portland, OR 97204 USA**
808
809 **Fax: 503.296.2432**

810   *9.4   Term and Termination*

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

813   •   At any time upon six months' written notice by either Party to the other

814   •   If a period of 30 business days has elapsed from one Party notifying the other Party of a
815   breach of this Agreement or of the terms of the *DASH Conformance Program 2.0 Policies*
816   *and Procedures* document, and such a breach has not been rectified to the satisfaction of
817   the other Party

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

821   *8.5   Governing Law*

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

824   *8.6   Execution*

825   The Applicant:

826   •   Acknowledges reading and understanding this Agreement

827   •   Agrees to be bound by the terms of the *DASH Conformance Program 2.0 Policies and*
828   *Procedures* document

829   •   Warrants and represents that the Submissions meet the applicable conformance
830   requirements

831   •   Warrants that NO MATERIAL CHANGES have been made to this Agreement since it was
832   made available to the Applicant by the Program Administrator

833   •   Agrees that all these obligations, and those described in the Confidentiality and Indemnity
834   clauses of this Agreement, shall survive the termination of this Agreement

835   •   Has included with this fully executed Agreement all applicable fees due for this Program as
836   outlined in the "DASH Conformance Program 2.0 Fee Schedule" attached hereto as
837   ANNEX D

838   •   Has fully executed the "Applicant Submission Information", for the Submissions attached
839   hereto as ANNEX E.

840   **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 <u>Distributed Management Task Force, Inc.,</u> in one of these ways:

1) **By check**

   Send a check payable to the DMTF by post to:

   <u>Distributed Management Task Force, Inc.</u>
   1050 SW 6th Avenue, #1100
   Portland, OR 9720

2) **By bank wire transfer**

   Payments may be made through bank wire transfer. Contact <u>DMTF Administration</u> 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.

841   **ANNEX D**
842   **DASH Conformance Program 2.0**
843   **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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845 <div align="center">**ANNEX E**</div>
846 <div align="center">**DASH Conformance Program 2.0**</div>
847 <div align="center">**Product Submission Form**</div>

848 <div align="center">**DASH Conformance Program 2.0 Submission Agreement**</div>

849 Please use this form to:

850 • Submit Conformance Test Results for a Tested Product

851 • Submit product family names and product names of Qualified Products for which these
852 submitted Conformance Test Results are applicable

853 • Submit product family names and product names of Qualified Products for which previously
854 submitted Conformance Test Results are applicable

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

860 _____(Initial Here) Do not publish the Tested and/or Qualified Products above on the DMTF Web site
861 Certification Registry and in Program Marketing Material

862 NOTE: If initialed, it will be the responsibility of an Authorized Contact to send notice to the
863 Conformance Program Administrator to publish the Tested and/or Qualified Products in this
864 Submission to the Certification Registry.
865

866   **Request to Certify Conformance Test Results for a Tested Product**

Vendor/Company Information	Vendor/Company (required)	Name:
	Authorized Contact Name:	Name:
	Authorized Contact Email:	Email:
	Authorized Contact Phone:	Phone:
Submission Information	Certification Requested	**DASH 1.0 / DASH 1.1 / DASH 1.2 / DASH 1.3**
	Conformance Test Suite / Version (required)	**DASH CTS 2016 Version _____**
	Date Tested (required)	Date:
	Provisional Certification Requested? (check)	☐ **Request to issue Provisional Certification**
	Reason for Provisional Request *Required when claiming Provisional Certification. List any CTS defect sightings or other Program issues.*	
Tested Product Information *Identifies the Product Name, Model, and Version for which the Test Results apply.*	Name (required): *	Name:
	Model (required): *	Model:
	Version (required): *Describes the specific variant of the Product with the Name and Model given. For example, the specific form factor identification.*	Version:
	Product Description: *General description of the Product.*	Description:
	Product Family: *The name of the product family*	Family:
	Compliance Qualification (required) 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.	
	Product Type (required) *"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.*	Check one: **System ____ Component ____**
Tested System Information (conditional) *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.*	Name:	Name:
	Model:	Model:
	Version:	Version:
	Vendor:	Vendor:
	Description:	Description:
	Hardware Environment *(Cards, Features, Options, etc.; add list items if necessary):*	• • •
	Software Environment *(Operating System, Drivers, Firmware, etc.; add list items if necessary):*	• • •
	Other Required System Components *(add list items if necessary):*	• • •

867 **Request to Apply Certified Conformance Test Results to Qualified Products**
868

Type of Request (check one)	Apply the "Qualified Products" (below) to the certified conformance test results ☐ in the "Request to Certify Conformance Test Results for a Tested Product" above ☐ identified by the following Certification Identifier				
Certification Identifier	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.)				
Qualified Products	**Name**	**Model**	**Version**	**Description**	**Product Family Name**
List all products for which the Certification identified above is applicable. Name, Model, and Version are required for each entry.					

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