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5 **DASH 1.0 Conformance Program Policies and**
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Abstract

116 This document describes the policies and procedures that participants of the DASH 1.0 Conformance
117 Program must follow to obtain Certification. This document also includes the DASH 1.0 Conformance
118 Program Application Agreement, which binds the participants of the Conformance Program to the
119 provisions of these policies and procedures.
120

DASH 1.0 Conformance Program Policies and Procedures

1 Overview

1.1 Document purpose and scope

Desktop and mobile Architecture for System Hardware (DASH) is a manageability initiative of the Distributed Management Task Force, Inc. (DMTF). The Initiative is described at <http://www.dmtf.org/standards/mgmt/dash>. The technical requirements of DASH 1.0 are specified in [DSP0232](#), *DASH Implementation Requirements 1.0*. The System Management Forum (SMF), a forum within the DMTF, has developed a DASH 1.0 Conformance Program (the Program).

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

This document describes the policies and procedures of the DASH 1.0 Conformance Program referenced by the DASH 1.0 Conformance Program Application Agreement. By executing the DASH 1.0 Conformance Program Application Agreement, participants in the Program agree to abide by the provisions of these policies and procedures.

1.2 Program administration

The DASH 1.0 Conformance Program is operated by the DMTF. The DMTF contracts with an independent third party to manage the DASH 1.0 Conformance Program as Conformance Program Administrator (Program Administrator). The Program Administrator is the Participant's DMTF contact for all applications, submissions, questions, correspondence, and general administration for the DASH 1.0 Conformance Program. The Program Administrator is responsible for maintaining applicant confidentiality in all phases of the Program as defined by these policies and procedures.

1.3 Terms and definitions

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

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)

Term	Definition
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 1.0 Conformance Program
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 must implement in order to be considered conformant. The Conformance Requirements are included in <i>DASH Implementation Requirements 1.0</i> (DSP0232).
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 must 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.
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”.

Term	Definition
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 1.0 Conformance Program, the TSA is comprised of Leadership level members of the System Management Forum.

147 2 Policies

148 2.1 Conformance Test Package

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

152 2.2 Conformance Requirements

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

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

- 158 • Conformance tests of the Conformance Test Suite verify correctness for all mandatory clauses
159 in the DASH 1.0 specifications, for all conditional clauses for which the condition is true, and for
160 all optional clauses that are implemented by the Tested System.
- 161 • Non-normative statements and clauses in profile specifications (for example, "Use Cases"
162 clauses) are not tested.
- 163 • Only requirements in the DASH 1.0 specifications are tested, and no additional requirements
164 are imposed.
- 165 • The testing is restricted to interactions through the Management Access Point (or MAP).
 - 166 – Functional testing is not performed (for example, values reported by the MAP, such as
167 temperature or RPM, are not tested for correctness on the Tested System).
 - 168 – Only testable functionality through the MAP is tested. For instance, behavior in case of
169 errors or failure is not tested if errors or failure cannot be provoked through the MAP.
- 170 • A copy of the Conformance Requirements is included in the Conformance Test Package.
- 171 • All submissions of results from a versioned Conformance Test Package, as described in 2.1,
172 are evaluated using the Conformance Requirements that are distributed with that Conformance
173 Test Package.
- 174 • The SMF may periodically update the Conformance Requirements and create a new
175 Conformance Test Package (with a new version number), as described in clause 7, "DASH 1.0
176 Conformance Program updates".

177 The DASH 1.0 Conformance Test Suite is the sole conformance test authorized by the DMTF and is
178 modified only if required as a result of the DMTF Conformance Program Appeals process. The latest
179 DASH 1.0 Conformance Requirements are maintained as an Annex in this policies and procedures
180 document (see ANNEX A).

181 **2.3 Eligible participants**

182 Any company that wants to participate in the DASH 1.0 Conformance Program under the terms stated in
183 the DASH 1.0 Conformance Program Application Agreement is welcomed to participate. Program Fees
184 are levied based on the company's membership status in DMTF and its System Management Forum
185 (SMF). Companies not currently members of DMTF and companies that are currently DMTF members but
186 not members of the SMF pay Application and Per-Product fees as described in the Fee Schedule
187 (ANNEX D). DMTF SMF members have all or part of their fees included in SMF membership dues. For
188 fees not included in DMTF SMF membership dues, see the Fee Schedule (ANNEX D).

189 **2.4 Scope of Conformance Test Results certification**

190 The object of the DASH 1.0 Conformance Test Suite is a Tested System. Conformance Test Results for a
191 Tested System are associated by the Vendor to a Vendor's Product.

192 Certification is granted only for test results of "provider" or "server-side" implementations — that is,
193 implementations that are managed through a Manageability Access Point (MAP). Conformance testing
194 and certification of test results is not currently performed on "client-side" implementations (for example,
195 management consoles). Certification of test results is not granted on an individual profile basis.

196 **2.4.1 Specification versions**

197 DASH 1.0 Certification is obtained for Conformance Test Results of the DASH 1.0 Conformance Test
198 Suite for a Tested System. This Certification of test results applies only to the version of the DASH
199 Implementation Specification tested (DASH 1.0) and does not extend to other versions of the DASH
200 specification.

201 **2.4.2 Product**

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

206 **2.4.3 Product Family**

207 The DASH 1.0 Conformance Program allows the Vendor to relate Conformance Test Results for a Tested
208 System to one or more Products or Product Families. By including additional Products or Product
209 Families in the Conformance Test Results file, the Vendor claims that the identified Conformance Test
210 Results obtained for the Tested System apply to all Products and the Product Families listed in the
211 Submission. The validity of the application of the Conformance Test Results of the Tested System to the
212 Vendor's Products is the responsibility of the Vendor.

213 **2.4.4 Product versions**

214 The DASH 1.0 Conformance Program allows the Vendor to update published Certifications of test results
215 when there are changes in the related Product or Product Family version. By modifying the version
216 designation for a Vendor's Product or a Product Family in the Certification Registry, the Vendor claims
217 that the results obtained for the Tested System apply to the new version of the Product or the Product
218 Family listed in the Certification Registry entry. The validity of the application of the Conformance Test

219 Results of the Tested System to the new versions of the Vendor's Products is the responsibility of the
220 Vendor.

221 **3 Procedures**

222 **3.1 Registering for the Program**

223 To participate in the DASH 1.0 Conformance Program, a company registers its interest to participate in
224 the Program by submitting an Application Agreement. Each company submits only one Agreement for the
225 DASH 1.0 Conformance Program. Then, as long as the company remains qualified to participate, the
226 company may submit test results and claims for its products using the Program Policies and Procedures.

227 To apply (register) to participate in the DASH 1.0 Conformance Program, a signed Application Agreement
228 must be mailed or faxed to the Program Administrator of System Management Forum, using the address
229 or fax number listed in the 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
241 this document, following the instructions included in the Conformance Test Package, the
242 Program 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 1.0 Conformance Test Suite**

252 The DASH 1.0 Conformance Test Suite may be downloaded from the Conformance Program Web site
253 (www.dmtf.org). The DASH 1.0 CTS 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 must 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 must 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 sends
268 the information to the Program Administrator using a copy of the Submission Form included in the
269 Application Agreement (see ANNEX E). The Participant's completed Submission Form contains required
270 information about the Product.

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

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

281 3.4.2 Submitting "Qualified Product" claims

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

287 3.5 Submission evaluation

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

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

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

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

299 3.6 Conformance Publication process

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

302 3.6.1 Publishing Conformance Test Result Certifications

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

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

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

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

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

314 3.6.1.1 Certification Registry contents

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

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

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

323 **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.

Field (All values are strings)	Comments
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: 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

324

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: 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
Product Family	None
Identification / Name / Designation for the Product Family	None

325 3.6.2 Deleting Conformance Test Result Certification publications

326 For the DASH 1.0 Conformance Program, Participants may remove a Product's listing from the DMTF
 327 Web pages that publish certified test results by contacting the Program Administrator by email to request
 328 the removal. (The Program Administrator's email address is included in the DASH 1.0 Conformance
 329 Program Policy and Procedures returned to the Applicant at Registration.) Only the Participant's
 330 Authorized Contact is allowed to request removal of published certified results.

331 3.7 Public Conformance Claims

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

339 Conformance Program Naming Conventions

340 DASH 1.0 Conformance Program

341 DASH 1.0 Conformance Test Suite

342 Conformance Claim Examples

343 “Product X meets the requirements of the DASH 1.0 Conformance Program.”

344 “Product X is certified under the DASH 1.0 Conformance Program.”

345 “Product X conforms to the DASH 1.0 Conformance Test Suite.”

346 4 Issue reporting process

347 4.1 Overview

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

352 The types of issues that may be reported include:

- 353 • Potential errors or ambiguities in the Conformance Requirements or the underlying standards
354 referenced by the DASH 1.0 Conformance Requirement specifications
- 355 • Potential deficiencies in the Conformance Test Suites used to assess Conformance
356 Requirements or other test suites referenced by the Program (if any)
- 357 • Possible process errors in the Program, specifically related to the registration process,
358 agreements, and general Program issues

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

362 4.2 Issue Report Resolution Process

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

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

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

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

375 The Issue Report resolution process allows the Participant to remain anonymous, so pre-certification
376 activity is kept entirely confidential, that is, between the Participant and the Program Administrator. The
377 anonymous review process requires the Program Administrator to filter requests before distribution.
378 Filtering removes as much identifying information as possible from the Submission, including the identifier
379 and the Participant company information. However, the Conformance Test Results may contain content
380 that uniquely identifies the Participant. If the Participant wants to maintain the confidentiality of that

381 information, the Participant must supply new Conformance Test Results, removing the confidential
382 information while maintaining the same functionality of the original submission-identifying strings or other
383 confidential information. If Participant-specific information is included in the clauses reserved for the
384 technical descriptions, filtering will not produce an anonymous request.

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

388 **4.3 Resolution of Issue Reports**

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

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

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

398 **4.3.1 Interpretations**

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

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

408 The DMTF is responsible for deciding the meaning of conformance to normative referenced
409 Specifications in the DASH 1.0 Conformance Program.

410 **4.3.2 Conformance Test Suite Deficiency**

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

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

4.3.2.1 Provisional Test Result Certification due to CTS Deficiency

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

4.3.3 Conformance Program Deficiency

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

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

4.4 Issue Report repository

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

5 Appeals process

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

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

461 The two levels of appeal are a Technical Review and a Board Review. Review decisions are made in
462 accordance with DMTF policies. At each level of appeal, the Participant has the right to representation at
463 the review meeting to make the technical case but is not required to have representation. The appeals
464 process is anonymous if the Participant does not want to be represented at the review meetings. In such

465 cases, the Program Administrator removes the details of the Participant and the Submission from all
466 information provided for the Technical and Board reviews.

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

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

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

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

487 **6 Confidentiality**

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

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

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

497 **6.1 Disclosure of Certification Information**

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

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

504 **6.2 Optional Confidential Treatment of Certification Information**

505 On occasion, a Participant applies for and achieves test result certification prior to the launch of the tested
506 product in the marketplace. To enable a Participant to keep such information confidential prior to launch,
507 the Participant may request that the test result certification information be kept confidential for a maximum

508 period of six months from the date of written notification by the Program Administrator that the Test Result
509 Submission has passed the Conformance Requirements.

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

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

518 **7 DASH 1.0 Conformance Program updates**

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

- 521 • A change in Conformance Requirements
- 522 • Addition, deletion, or modification of tests
- 523 • Changes in test software
- 524 • Changes in Eligibility Requirements

525
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ANNEX A

DASH 1.0 Conformance Requirements

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

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

545 The DASH 1.0 Conformance Test Suite reports Conformance Test Results as follows:

- 546 • The DASH 1.0 Conformance Test Suite reports conformance test results at three levels:
547 individual test results, per-Profile summary results, and a CTS summary result.
- 548 • The per-Profile summary result shall be “Info” when no Registered Profile is found for the Profile.
- 549 • The per-Profile summary result shall be “Pass” when there is no applicable individual test result
550 of “Fail” (that is, when all individual test results for the Profile are “Pass”, “Info”, or “Warning”).
- 551 • The Tested System shall receive a CTS summary result of “Pass” when there are no per-Profile
552 summary results of “Fail” (that is, when all per-Profile summary results are “Pass”, “Info”, or
553 “Warning”) and there is no summary result of “Fail” for each of the test sections “Discovery”,
554 “Transport”, “WS-Event”, and “WS-Protocol”.

555 The submitted DASH 1.0 Conformance Test Results for a Tested System that meet the following
556 requirements shall be deemed “Certified” by the System Management Forum and the DMTF:

- 557 • The certification of Conformance Test Results is performed solely on the basis of the
558 Conformance Test Results folder that results from a test run on a single Tested System and is
559 submitted by an Eligible Participant.
- 560 • The Conformance Test Results folder must be obtained by execution of the DASH 1.0
561 Conformance Test Suite and it must contain a Conformance Test Results file with a valid digital
562 signature (certificate.xml) and tar file of the results placed there by the Conformance Test Suite
- 563 • The Conformance Test Results file must not indicate a failure. TestsFailed field of the Test
564 Summary section of Conformance Test Results must 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 1.0 Conformance Test
567 Suite.

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.

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ANNEX B

DASH 1.0 Conformance Test Suite Scope

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

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

588 The Conformance Requirements for DASH 1.0 are also specified to the level of “major” and “minor”
589 revision; however, at the time of publication, the DASH 1.0 Conformance Test Suite has been designed
590 and validated according to specific versions of the specifications. For Participant information, Table B-1
591 and Table B-2 provide the versions of the DASH 1.0 specifications to which the DASH 1.0 CTS has been
592 designed.

593

Table B-1 – DASH 1.0 Mandatory Profiles and Specifications

Name	Number	Version
<i>Base Desktop and Mobile Profile</i>	DSP1058	1.0.0
<i>WS-Management Specification</i>	DSP0226	1.0.0
<i>WS-Management — CIM Binding Specification</i>	DSP0227	1.0.0
<i>WS-CIM Mapping Specification</i>	DSP0230	1.0.0
<i>Role Based Authorization Profile</i>	DSP1039	1.0.0
<i>Simple Identity Management Profile</i>	DSP1034	1.0.1
<i>Profile Registration Profile</i>	DSP1033	1.0.0
<i>Computer System Profile</i>	DSP1052	1.0.0

594

Table B-2 – DASH 1.0 Optional Profiles

Name	Number	Version
<i>Boot Control Profile</i>	DSP1012	1.0.1
<i>CPU Profile</i>	DSP1022	1.0.0
<i>Fan Profile</i>	DSP1013	1.0.1
<i>Indications Profile</i>	DSP1054	1.0.0
<i>Physical Asset Profile</i>	DSP1011	1.0.2
<i>Power State Management Profile</i>	DSP1027	1.0.1
<i>Power Supply Profile</i>	DSP1015	1.1.0
<i>Sensors Profile</i>	DSP1009	1.0.1

Name	Number	Version
<i>Software Inventory Profile</i>	DSP1023	1.0.1
<i>System Memory Profile</i>	DSP1026	1.0.0

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ANNEX C DASH 1.0 Conformance Program Application Agreement

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599

Distributed Management Task Force, Inc. (DMTF) DASH 1.0 Conformance Program Application Agreement

600 **Applicant Name** _____601 **Address** _____602 **City, State** _____ **ZIP** _____603 **Country** _____ **Province** _____ **Post Code** _____

604 Authorized Contact Signature _____

605 Authorized Contact Printed Name _____

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

609 For purposes of this Agreement, the terms used herein shall have the meanings documented in
610 clause 1.3, "Terms and definitions," of the *DASH 1.0 Conformance Program Policies and Procedures*.

611 **C.1 Applicant's Obligations**

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

614 **C.1.1 Application Process**

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

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

619 – By mail to the following address:
620 Distributed Management Task Force, Inc.
621 Attn. DMTF DASH 1.0-Program Administrator
622 1001 SW 5th Avenue, 1100
623 Portland, OR 97204 USA

624 – By fax to 503.296.2432

625 – Scanned into PDF and sent by email to dash_1.0_cpadmin@dmf.org

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

627 **C.1.2 Testing**

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

631 **C.1.3 Conformance**

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

637 **C.1.4 Warranty of Conformance Test Result Certification**

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

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

652 **C.1.5 Fees**

653 Publication (creation of a DMTF Certification Registry entry) is done only after receipt of any applicable
654 Conformance Program Application and/or Submission Fees. The Fee Schedule for the DASH 1.0
655 Conformance Program is listed in ANNEX D.

656 **C.2 Conformance Program Administrator's Obligations**

657 **C.2.1 Submission Management**

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

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

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

671 **C.2.2 Anonymity of Appeals**

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

676 **C.3 Conformance Program Participation**

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

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

686 **C.4 Pre-authorized Automatic DMTF Web Site Listing**

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

695 **C.5 Confidentiality**

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

700 **C.5.1 Confidentiality Covenants and Conditions**

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

703 **C.5.1.1**

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

716 **C.5.1.2**

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

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

728 **C.5.1.3**

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

731 **C.5.1.4**

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

742 **C.6 Liability**

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

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

754 **C.7 Indemnity**

755 The Applicant shall indemnify and hold harmless the DMTF, together with its officers, agents,
756 subcontractors, and members and their servants when engaged in activities on behalf of the DMTF, but
757 only to the extent that they are acting in that capacity (together, the "Indemnified"), against any and all
758 demands and claims of the Applicant, and of third-party liability including liability for losses, damages,
759 settlements, and costs (including lawyers' fees) of any nature whatsoever asserted against or suffered by

760 the Indemnified, arising from the Conformance Program and not caused by any criminal action, gross
761 negligence, or tort by the Indemnified, provided that the Indemnified meets the following requirements:

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

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

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

773 **C.8 General**

774 **C.8.1 Entire Agreement**

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

782 **C.8.2 Waiver of Rights under this Agreement**

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

786 **C.8.3 Notices**

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

794 DMTF notices should be sent to:

795 **Distributed Management Task Force, Inc.**
796 **Attn. DMTF DASH 1.0-Program Administrator**
797 **1001 SW 5th Avenue, #1100**
798 **Portland, OR 97204 USA**

799 **Fax: 503.296.2432**
800

801 C.8.4 Term and Termination

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

- 804 • At any time upon six months' written notice by either Party to the other
- 805 • If a period of 30 business days has elapsed from one Party notifying the other Party of a breach
806 of this Agreement or of the terms of the *DASH 1.0 Conformance Program Policies and*
807 *Procedures* document, and such a breach has not been rectified to the satisfaction of the other
808 Party

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

812 C.8.5 Governing Law

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

815 C.8.6 Execution

816 The Applicant:

- 817 • Acknowledges reading and understanding this Agreement
- 818 • Agrees to be bound by the terms of the *DASH 1.0 Conformance Program Policies and*
819 *Procedures* document
- 820 • Warrants and represents that the Submissions meet the applicable conformance requirements
- 821 • Warrants that NO MATERIAL CHANGES have been made to this Agreement since it was made
822 available to the Applicant by the Program Administrator
- 823 • Agrees that all these obligations, and those described in the Confidentiality and Indemnity
824 clauses of this Agreement, shall survive the termination of this Agreement
- 825 • Has included with this fully executed Agreement all applicable fees due for this Program as
826 outlined in the "DASH 1.0 Conformance Program Fee Schedule" attached hereto as
827 ANNEX D
- 828 • Has fully executed the "Applicant Submission Information", for the Submissions attached hereto
829 as ANNEX E.

830

DASH 1.0 Conformance Program 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 1.0 Conformance
Program 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 1.0 Conformance Program
Product Submission Form

838

DASH 1.0 Conformance Program Submission Agreement

839

Please use this form to:

840

- Submit Conformance Test Results for a Tested Product

841
842

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

843
844

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

845
846
847
848
849

This form should be completed by the company's Authorized Contact and sent to the DASH 1.0 Program Administrator. If Conformance Test Results are being submitted, the signed Conformance Test Results produced by the DASH 1.0 CTS must be attached. Publication (creation of a DMTF Certification Registry entry) is done only after receipt of any applicable conformance program application and/or submission fees.

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851

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

852
853
854
855

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

856 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
	Conformance Test Suite / Version (required)	DASH 1.0 CTS Version _____
	Date Tested (required)	Date:
	Provisional Certification Requested? (check)	<input type="checkbox"/> Request to issue Provisional Certification
	Reason for Provisional Request <i>Required when claiming Provisional Certification. List any CTS defect sightings or other Program issues.</i>	
Tested Product Information <i>Identifies the Product Name, Model, and Version for which the Test Results apply.</i>	Name (required): *	Name:
	Model (required): *	Model:
	Version (required): <i>Describes the specific variant of the Product with the Name and Model given. For example, the specific form factor identification.</i>	Version:
	Product Description: <i>General description of the Product.</i>	Description:
	Product Family: <i>The name of the product family</i>	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 must be ordered, enter that feature identification here. Other examples of Qualifications include specific firmware versions, add-in parts or adapters, etc.	
	Product Type (required) <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>	Check one: System _____ Component _____
Tested System Information (conditional) <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>	Name:	Name:
	Model:	Model:
	Version:	Version:
	Vendor:	Vendor:
	Description:	Description:
	Hardware Environment <i>(Cards, Features, Options, etc.; add list items if necessary):</i>	• • •
	Software Environment <i>(Operating System, Drivers, Firmware, etc.; add list items if necessary):</i>	• • •
	Other Required System Components <i>(add list items if necessary):</i>	• • •

857 * Indicates a field value that must match the value of the corresponding value in the VendorProdDetails.dat file values that must be set in the
858 Conformance Test Suite prior to running the test. These values appear in the certification.xml output file that is archived with the CTS results.

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

Type of Request (check one)	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				
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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861