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DASH 1.0 Conformance Program Policies and Procedures

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33 **Abstract**

34 This document describes the policies and procedures that participants of the DASH 1.0 Conformance
35 Program must follow to obtain Certification. This document also includes the DASH 1.0 Conformance
36 Program Application Agreement, which binds the participants of the Conformance Program to the
37 provisions of these policies and procedures.

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95 DASH 1.0 Conformance Program Policies and Procedures

96 1 Overview

97 1.1 Document Purpose and Scope

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

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

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

110 1.2 Program Administration

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

117 1.3 Terms and Definitions

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

119 **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.

120 2 Policies

121 2.1 Conformance Test Package

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

125 2.2 Conformance Requirements

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

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

- 131 • Conformance tests of the Conformance Test Suite verify correctness for all mandatory clauses
 132 in the DASH 1.0 specifications, for all conditional clauses for which the condition is true, and for
 133 all optional clauses that are implemented by the Tested System.
- 134 • Non-normative statements and clauses in profile specifications (for example, "Use Cases"
 135 clauses) are not tested.
- 136 • Only requirements in the DASH 1.0 specifications are tested, and no additional requirements
 137 are imposed.
- 138 • The testing is restricted to interactions through the Management Access Point (or MAP).
 - 139 – Functional testing is not performed (for example, values reported by the MAP, such as
 140 temperature or RPM, are not tested for correctness on the Tested System).
 - 141 – Only testable functionality through the MAP is tested. For instance, behavior in case of
 142 errors or failure is not tested if errors or failure cannot be provoked through the MAP.
- 143 • A copy of the Conformance Requirements is included in the Conformance Test Package.
- 144 • All submissions of results from a versioned Conformance Test Package, as described in 2.1,
 145 are evaluated using the Conformance Requirements that are distributed with that Conformance
 146 Test Package.
- 147 • The SMF may periodically update the Conformance Requirements and create a new
 148 Conformance Test Package (with a new version number), as described in clause 7, "DASH 1.0
 149 Conformance Program Updates".

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

154 **2.3 Eligible Participants**

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

162 **2.4 Scope of Conformance Test Results Certification**

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

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

169 **2.4.1 Specification Versions**

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

174 **2.4.2 Product**

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

179 **2.4.3 Product Family**

180 The DASH 1.0 Conformance Program allows the Vendor to relate Conformance Test Results for a Tested
181 System to one or more Products or Product Families. By including additional Products or Product
182 Families in the Conformance Test Results file, the Vendor claims that the identified Conformance Test
183 Results obtained for the Tested System apply to all Products and the Product Families listed in the
184 Submission. The validity of the application of the Conformance Test Results of the Tested System to the
185 Vendor's Products is the responsibility of the Vendor.

186 **2.4.4 Product Versions**

187 The DASH 1.0 Conformance Program allows the Vendor to update published Certifications of test results
188 when there are changes in the related Product or Product Family version. By modifying the version
189 designation for a Vendor's Product or a Product Family in the Certification Registry, the Vendor claims
190 that the results obtained for the Tested System apply to the new version of the Product or the Product
191 Family listed in the Certification Registry entry. The validity of the application of the Conformance Test
192 Results of the Tested System to the new versions of the Vendor's Products is the responsibility of the
193 Vendor.

194 **3 Procedures**

195 **3.1 Registering for the Program**

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

200 To apply (register) to participate in the DASH 1.0 Conformance Program, a signed Application Agreement
201 must be mailed or faxed to the Program Administrator of System Management Forum, using the address
202 or fax number listed in the Application Agreement.

203 The Program Administrator performs the following tasks:

- 204 1) Review the request to make sure it includes the required information.
- 205 2) Record the Application in a list of Applications received.
- 206 3) Send the Conformance Test Package (including information and tools needed to complete the
207 testing process) to the Participant, including:
 - 208 • The *Conformance Program Policies and Procedures*
 - 209 • The Conformance Test Suite
 - 210 • The Conformance Requirements that the SMF uses for evaluating the results
 - 211 • Instructions for running the tests and submitting results
 - 212 • Instructions for submitting questions and appealing results
- 213 4) If the Participant completes the Testing Process and the Submission Process as described in
214 this document, following the instructions included in the Conformance Test Package, the
215 Program Administrator records successful demonstration of compliance.

216 **3.1.1 Company Authorized Contacts**

217 The Participant is allowed to name up to two Authorized Contacts for the Program. Authorized Contacts
218 are authorized by the participating company to make program-related decisions for the company, such as
219 submit test results, submit Submission Forms, raise program Issues, and give publication authorizations.
220

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

224 **3.2 Obtaining the DASH 1.0 Conformance Test Suite**

225 The DASH 1.0 Conformance Test Suite may be downloaded from the Conformance Program Web site
226 (www.dmtf.org). The DASH 1.0 CTS is available for limited use by participating and non-participating
227 companies; however, only companies who are registered as Program Participants may publish results.
228 Refer to the "Terms of Use" on the download page.

229 **3.3 Testing**

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

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

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

238 **3.4 Submission Procedures**

239 **3.4.1 Submitting Conformance Test Results for a Tested Product**

240 The Participant collects information created by the test (according to the instructions provided) and sends
241 the information to the Program Administrator using a copy of the Submission Form included in the
242 Application Agreement (see ANNEX E). The Participant's completed Submission Form contains required
243 information about the Product.

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

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

254 **3.4.2 Submitting "Qualified Product" Claims**

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

260 **3.5 Submission Evaluation**

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

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

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

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

272 **3.6 Conformance Publication Process**

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

275 **3.6.1 Publishing Conformance Test Result Certifications**

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

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

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

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

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

287 **3.6.1.1 Certification Registry Contents**

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

290 One Certification Record is created for each Product for which a Conformance Test Result file applies. A
 291 Certification Identifier is assigned to each Certification Record. For Products that are Tested Products
 292 (that is, a submitted Conformance Test Result file was generated from testing of the Product), the entry is
 293 noted as a “Tested Product” entry. Any Product *associated* with a Conformance Test Result by the
 294 Vendor is noted as a “Qualified Product” and is referred to as a “Qualified Product” entry.

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

296 **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

Field (All values are strings)	Comments
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

297

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

Field (All values are strings)	Comments
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

298 **3.6.2 Deleting Conformance Test Result Certification Publications**

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

304 **3.7 Public Conformance Claims**

305 Participants are prohibited from making any Public Conformance Claims until they have been contacted
 306 by the Conformance Program Administrator that their submission(s) have been validated, certified, and
 307 published on the DMTF Certification Registry. Once Participants have been contacted by the
 308 Conformance Program Administrator that their submission(s) has been validated, certified, and appear on
 309 the DMTF Certification Registry, they may make Public Conformance Claims related to the applicable
 310 conformance program and/or test suite(s). Participants are strongly encouraged to reference the DMTF
 311 Certification Registry as part of their Public Conformance Claim.

312 **Conformance Program Naming Conventions**

- 313 DASH 1.0 Conformance Program
- 314 DASH 1.0 Conformance Test Suite

315 **Conformance Claim Examples**

- 316 “Product X meets the requirements of the DASH 1.0 Conformance Program.”
- 317 “Product X is certified under the DASH 1.0 Conformance Program.”

318 "Product X conforms to the DASH 1.0 Conformance Test Suite."

319 **4 Issue Reporting Process**

320 **4.1 Overview**

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

325 The types of issues that may be reported include:

- 326 • Potential errors or ambiguities in the Conformance Requirements or the underlying standards
327 referenced by the DASH 1.0 Conformance Requirement specifications
- 328 • Potential deficiencies in the Conformance Test Suites used to assess Conformance
329 Requirements or other test suites referenced by the Program (if any)
- 330 • Possible process errors in the Program, specifically related to the registration process,
331 agreements, and general Program issues

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

335 **4.2 Issue Report Resolution Process**

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

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

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

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

348 The Issue Report resolution process allows the Participant to remain anonymous, so pre-certification
349 activity is kept entirely confidential, that is, between the Participant and the Program Administrator. The
350 anonymous review process requires the Program Administrator to filter requests before distribution.
351 Filtering removes as much identifying information as possible from the Submission, including the identifier
352 and the Participant company information. However, the Conformance Test Results may contain content
353 that uniquely identifies the Participant. If the Participant wants to maintain the confidentiality of that
354 information, the Participant must supply new Conformance Test Results, removing the confidential
355 information while maintaining the same functionality of the original submission-identifying strings or other
356 confidential information. If Participant-specific information is included in the clauses reserved for the
357 technical descriptions, filtering will not produce an anonymous request.

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

361 **4.3 Resolution of Issue Reports**

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

- 363 • Accepted as an error or ambiguity in the specifications (requiring an Interpretation or INT)
- 364 • Accepted as an error in a test suite (a CTS Deficiency)
- 365 • Accepted as an error in the Conformance Program (CP Deficiency)
- 366 • Rejected

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

371 **4.3.1 Interpretations**

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

376 Interpretations of Specifications never result in behavior that was previously considered to be conformant
377 being declared non-conformant at a given revision level of the Specification. However, Interpretations
378 may cause a change in a future release of a Specification that will prohibit behavior previously considered
379 acceptable. Interpretations can only result in behavior that was previously considered to be non-
380 conformant being declared to be conformant.

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

383 **4.3.2 Conformance Test Suite Deficiency**

384 A Conformance Test Suite Deficiency is an acknowledged error in a test suite. A Conformance Test Suite
385 Deficiency applies to a specific version of a test suite and is permanent against that version. The
386 Deficiency remains in force until the test suite is updated, at which time the error should be fixed in the
387 updated test suite. If the Test Suite Authority decides not to fix a Conformance Test Suite Deficiency in
388 the updated test suite, the Test Suite Authority submits a new Issue Report and assigns it as a
389 Conformance Test Suite Deficiency against the new test suite version, flagging the Conformance Test
390 Suite Deficiency as a re-issue.

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

394 **4.3.2.1 Provisional Test Result Certification due to CTS Deficiency**

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

405 **4.3.3 Conformance Program Deficiency**

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

412 **4.3.3.1 Provisional Test Result Certification due to CP Deficiency**

413 After the Test Suite Authority has acknowledged a Deficiency, the Participant may request a Waiver
414 pending resolution of the Deficiency. The DMTF grants a Provisional Test Result Certification for the Test
415 Results pending resolution of the Deficiency. The Participant's Product may be published on the
416 Conformance Program Web site with an indication that the Test Result Certification is Provisional. The
417 Provisional Test Result Certification remains in effect until the Deficiency is resolved. At that time, the
418 Participant has 30 business days in which to resubmit test results for processing using the revised
419 Program process. If the Participant has not resubmitted Test Results within 30 business days after
420 resolution, the Provisional Test Result Certification is rescinded by the DMTF and the Submission is
421 removed from the Program Web site.

422 **4.4 Issue Report Repository**

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

428 **5 Appeals Process**

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

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

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

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

445 If the Participant is not satisfied with the outcome of the Technical Review, the Participant may request an
446 appeal to the DMTF Board of Directors within 14 business days of being notified in writing by the Program
447 Administrator of the results of the Technical Review. The DMTF's Board of Directors may ask for
448 technical reports from the relevant working groups and may also ask for reports from independent
449 experts. The Board Review is completed as soon as possible after the Board is informed by the Program

450 Administrator of the Participant's written request for a Board Review. The results of a Board Review are
451 final and cannot be further appealed.

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

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

460 **6 Confidentiality**

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

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

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

470 **6.1 Disclosure of Certification Information**

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

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

477 **6.2 Optional Confidential Treatment of Certification Information**

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

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

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

491 **7 DASH 1.0 Conformance Program Updates**

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

- 494 • A change in Conformance Requirements
- 495 • Addition, deletion, or modification of tests
- 496 • Changes in test software
- 497 • Changes in Eligibility Requirements

498

ANNEX A – DASH 1.0 Conformance Requirements

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

- 501 • The Tested System shall implement all CIM profiles defined as Mandatory by *DASH*
502 *Implementation Requirements 1.0* ([DSP0232](#)).
- 503 • The Tested System may implement Conditional and Optional profiles from *DASH*
504 *Implementation Requirements 1.0* ([DSP0232](#)).
- 505 • For each Profile implemented by the Tested System, the Tested System shall meet the
506 requirements of the corresponding Profile test of the Conformance Test Suite as follows:
 - 507 – The Tested System must pass all tests for Mandatory requirements.
 - 508 – The Tested System must pass all tests for any Optional requirements that are implemented
509 by the Tested System.
 - 510 – The Tested System must pass all tests for any Conditional requirements that are
511 implemented by the Tested System and for which the Tested System exhibits the
512 Conditions.
 - 513 – For any Profile that allows zero central instances, the Tested System may implement zero
514 instances.
 - 515 – Protocol interactions during the Profile test must be conformant as defined and used by the
516 Profile tests.

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

- 518 • The DASH 1.0 Conformance Test Suite reports conformance test results at three levels:
519 individual test results, per-Profile summary results, and a CTS summary result.
- 520 • The per-Profile summary result shall be “Info” when no Registered Profile is found for the Profile.
- 521 • The per-Profile summary result shall be “Pass” when there is no applicable individual test result
522 of “Fail” (that is, when all individual test results for the Profile are “Pass”, “Info”, or “Warning”).
- 523 • The Tested System shall receive a CTS summary result of “Pass” when there are no per-Profile
524 summary results of “Fail” (that is, when all per-Profile summary results are “Pass”, “Info”, or
525 “Warning”) and there is no summary result of “Fail” for each of the test sections “Discovery”,
526 “Transport”, “WS-Event”, and “WS-Protocol”.

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

- 529 • The certification of Conformance Test Results is performed solely on the basis of the
530 Conformance Test Results folder that results from a test run on a single Tested System and is
531 submitted by an Eligible Participant.
- 532 • The Conformance Test Results folder must be obtained by execution of the DASH 1.0
533 Conformance Test Suite and it must contain a Conformance Test Results file with a valid digital
534 signature (certificate.xml) and tar file of the results placed there by the Conformance Test Suite
- 535 • The Conformance Test Results file must not indicate a failure. TestsFailed field of the Test
536 Summary section of Conformance Test Results must have a value of 0
- 537 • The submission will be considered valid only if the Conformance Test Results (certificate.xml)
538 were generated after the released date/time of the authorized DASH 1.0 Conformance Test
539 Suite.

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

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

546

ANNEX B – DASH 1.0 Conformance Test Suite Scope

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

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

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

564

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

565

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

566 **ANNEX C – DASH 1.0 Conformance Program Application Agreement**567 **Distributed Management Task Force, Inc. (DMTF)**
568 **DASH 1.0 Conformance Program Application Agreement**569
570 **Applicant Name** _____571 **Address** _____572 **City, State** _____ **ZIP** _____573 **Country** _____ **Province** _____ **Post Code** _____

574 Authorized Contact Signature _____

575 Authorized Contact Printed Name _____

576 The Applicant named above (an Authorized Contact of the company representing the company
577 participation in the program) applies to the DMTF for use of the DMTF Conformance Program, on the
578 terms set forth, for the Products identified herein.579 For purposes of this Agreement, the terms used herein shall have the meanings documented in
580 clause 1.3, "Terms and Definitions," of the *DASH 1.0 Conformance Program Policies and Procedures*.581 **1. Applicant's Obligations**582 In addition to the Application-related information provided as part of the Application process, the Applicant
583 will make best efforts to answer all reasonable additional questions the Program Administrator may raise.584 **1.1 Application Process**585 The Applicant must complete and sign both the first and last page of this Application Agreement and
586 include payment to the DMTF of any applicable fees as provided below.587 Program Application Agreements and Submission Forms may be sent to the Program Administrator
588 in any of the following ways:589 - By mail to the following address:
590 Distributed Management Task Force, Inc.
591 Attn. DMTF DASH 1.0-Program Administrator
592 1001 SW 5th Avenue, 1100
593 Portland, OR 97204 USA

594 - By fax to 503.296.2432

595 - Scanned into PDF and sent by email to dash_1.0_cpadmin@dmtf.org

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

601 **1.2 Testing**602 The Applicant must complete formal Product testing using a current and authorized version of the
603 Test Suites. The Program Administrator will maintain a list of the current versions of each Test Suite
604 for use in this Program and on the DMTF Web site.

605 **1.3 Conformance**

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

612 **1.4 Warranty of Conformance Test Result Certification**

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

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

627 **1.5 Fees**

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

631 **2. Conformance Program Administrator's Obligations**

632 **2.1 Submission Management**

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

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

- 638 • If the reviewed results indicate that the Conformance Requirements have been met, the
639 Program Administrator will notify the Applicant by sending a Notice of Conformance by
640 email to the email address of the Technical Contact provided in this Agreement. If
641 Applicant has granted permission in the signature section of this Application, the Program
642 Administrator will include the Submission into the Certification Registry.
- 643 • If the reviewed results indicate that the Conformance Requirements have not been met,
644 the Program Administrator will reject the Submission and report the findings for such
645 rejection to the Applicant's Technical Contact by email.

646 **2.2 Anonymity of Appeals**

647 The Applicant may appeal a decision made or issued at any point in the Program by notifying the
648 Program Administrator in writing of its desire to invoke the appeals process as defined in the *DASH*
649 *1.0 Conformance Program Policies and Procedures*. The Program Administrator will facilitate an
650 anonymous review on behalf of the Applicant.

651 **3. Conformance Program Participation**

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

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

661 **4. Pre-authorized Automatic DMTF Web Site Listing**

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

670 **5. Confidentiality**

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

675 **5.1 Confidentiality Covenants and Conditions**

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

678 **5.1.1**

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

690 **5.1.2**

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

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

- 696 • Was rightfully in the receiving party's possession without obligation of confidence prior to
697 its disclosure pursuant to this Agreement, or is subsequently independently developed by
698 the receiving party's employees having no access to the information disclosed hereunder
- 699 • Is subsequently rightfully obtained without obligation of confidence by the receiving party
700 from a source other than the Applicant as evidenced by written records
- 701 • Is required to be disclosed by order of any court of competent jurisdiction, provided the
702 Applicant is given prompt notice of any such order in sufficient time to file legal objection
703 thereto

704 5.1.3

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

707 5.1.4

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

718 6. Liability

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

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

730 7. Indemnity

731 The Applicant shall indemnify and hold harmless the DMTF, together with its officers, agents,
732 subcontractors, and members and their servants when engaged in activities on behalf of the DMTF, but
733 only to the extent that they are acting in that capacity (together, the "Indemnified"), against any and all
734 demands and claims of the Applicant, and of third-party liability including liability for losses, damages,
735 settlements, and costs (including lawyers' fees) of any nature whatsoever asserted against or suffered by
736 the Indemnified, arising from the Conformance Program and not caused by any criminal action, gross
737 negligence, or tort by the Indemnified, provided that the Indemnified meets the following requirements:

- 738 • Notifies the Applicant within 10 business days of any such demand and claim, and refrains
739 from any action on account of such demands and claims which may prejudice the
740 Applicant
- 741 • Cooperates fully with the Applicant in the defense or settlement

- 742 • Grants the Applicant full authority and control to defend and settle any such demands and
743 claims

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

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

750 **8. General**

751 **8.1 Entire Agreement**

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

760 **8.2 Waiver of Rights under this Agreement**

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

764 **8.3 Notices**

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

772 DMTF notices should be sent to:

773 **Distributed Management Task Force, Inc.**
774 **Attn. DMTF DASH 1.0-Program Administrator**
775 **1001 SW 5th Avenue, #1100**
776 **Portland, OR 97204 USA**

777
778 **Fax: 503.296.2432**

779 **9.4 Term and Termination**

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

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

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

790 **8.5 Governing Law**

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

793 **8.6 Execution**

794 The Applicant:

- 795 • Acknowledges reading and understanding this Agreement
- 796 • Agrees to be bound by the terms of the *DASH 1.0 Conformance Program Policies and*
797 *Procedures* document
- 798 • Warrants and represents that the Submissions meet the applicable conformance
799 requirements
- 800 • Warrants that NO MATERIAL CHANGES have been made to this Agreement since it was
801 made available to the Applicant by the Program Administrator
- 802 • Agrees that all these obligations, and those described in the Confidentiality and Indemnity
803 clauses of this Agreement, shall survive the termination of this Agreement
- 804 • Has included with this fully executed Agreement all applicable fees due for this Program as
805 outlined in the "DASH 1.0 Conformance Program Fee Schedule" attached hereto as
806 ANNEX D
- 807 • Has fully executed the "Applicant Submission Information", for the Submissions attached
808 hereto as ANNEX E.

809

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

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

Conformance Test Result Certification Registration Fees

System Management Forum Leadership Member	\$ 200 per product*
System Management Forum Participatory Member	\$ 200 per product**
DMTF Participatory Member or Higher	\$ 500 per product
All Others	\$ 1,000 per product

812 * Per-product fee charged to SMF Leadership Members beginning with the eighth product in a membership year.

813 ** Per-product fee charged to SMF Participatory Members beginning with the fourth product in a membership year.

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ANNEX E – DASH 1.0 Conformance Program Product Submission Form

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DASH 1.0 Conformance Program Submission Agreement

818

Please use this form to:

819

- Submit Conformance Test Results for a Tested Product

820

821

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

822

823

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

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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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830

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

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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.

835 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.</i> <i>"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>	• • •

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

839 **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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