

November 15-18, 2010



Santa Clara Marriott
Santa Clara, CA

CDM Conformance Program

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Agenda

- Introduction to Conformance Program
 - Background
 - History
- Benefits:
 - Industry Providers
 - End Users
- Conformance Test Suite (CTS) Highlights
- Who can participate
- Process
- Verification of Test Results
- Issue Reporting and Disposition Process
- Conformance Program Registry
- Future Outlook
- Closing Remarks

Background

- Why the Need for Conformance Program
 - Standard basis measurement for diagnostics developed
 - Provide means of testing to the standard
 - Rewards and recognize applicant for compliance
- Compliance Test Tool Content Process
 - DMTF CDM Form Members reviews the requirements
 - Provides resources based on requirements
 - Monitors Industry trends for diagnostics and interoperability
 - DMTF CDM DIAG SIG: generates the requirements
 - Based on Test Profile Specification DSP1002 v*
 - Based on Profile Registration DSP1033
 - Based on provider commodity test profile (HDD, ODD, CPU, etc.)

History

- Need for Conformance Program
 - Conformance Test Suite (CTS) Developed 4th Qtr 2009
 - CTS Tested in 1st Qtr. 2010
 - Windows Vista, Windows 7 32 & 64 Bit
 - Linux SLES9 and 10 32/64 Bit
- CDM Forum Built Launch Plan
 - DMTF Legal review export 1st Qtr. 2010
 - DMTF Marketing Activities 2nd Qtr. 2010
- CDM Conformance Program Launch June 23, 2010
- CDM Forum Demonstrated CTS (2) Plug Fest
 - June 19, 2010
 - Sept. 20, 2010

Benefits: DIAGS Providers

- Diagnostic Providers Benefits
 - Diagnostics conformance CDM Test Profile Standard DSP1002 v1
 - Diagnostics conformance CDM Profile Registration DSP1033
 - Recognition of Diagnostics Conformance within Registry Listing
 - Promotes Company Brand / Product Model
 - Conformance can be market differentiator
 - Permits usage of DMTF CDM Forum Certified logo usage
 - Coming in 2011
 - Promotes DIAGS leverage across multiple use cases
 - Factory
 - Field
 - Repair Depots
 - If DMTF CDM Member **
 - Access to new version of the CTS tool
 - Influence future direction of CTS tool (testing, bug error)

Benefits: End Users

- End User Benefits
 - Measure standard implementation DIAGS development
 - Promotes interoperability
 - Promotes standardization of the DMTF CDM standards
 - Leverage of DIAGS across multiple use cases
 - Factory
 - Field
 - Repair Depots
 - Provides DIAGS quality to system integrators
 - Provides DIAGS quality to end users
 - If DMTF CDM Member **
 - Access to new version of the CTS tool
 - Influence future direction of CTS tool (testing, bug error)

Conformance Test Suite (CTS)

- CIM-XML Protocol Only
 - Test Diagnostics Providers to DSP1002 v1.0
- CTS -2 Offerings
 - Trial Version: Provides developers level of DIAGS in compliance
 - Registered Version: Industry recognition of passed results
- CTS only be obtained through:
 - Trial Version: CDM Program Manager
 - Registered Version: Conformance Program Admin.
- DMTF Conformance Program Administrator
 - 3rd Party contracted by the DMTF CDM Forum
- CTS Tool is supported /sustained by CDM Forum
 - Bug Resolve / Enhancements

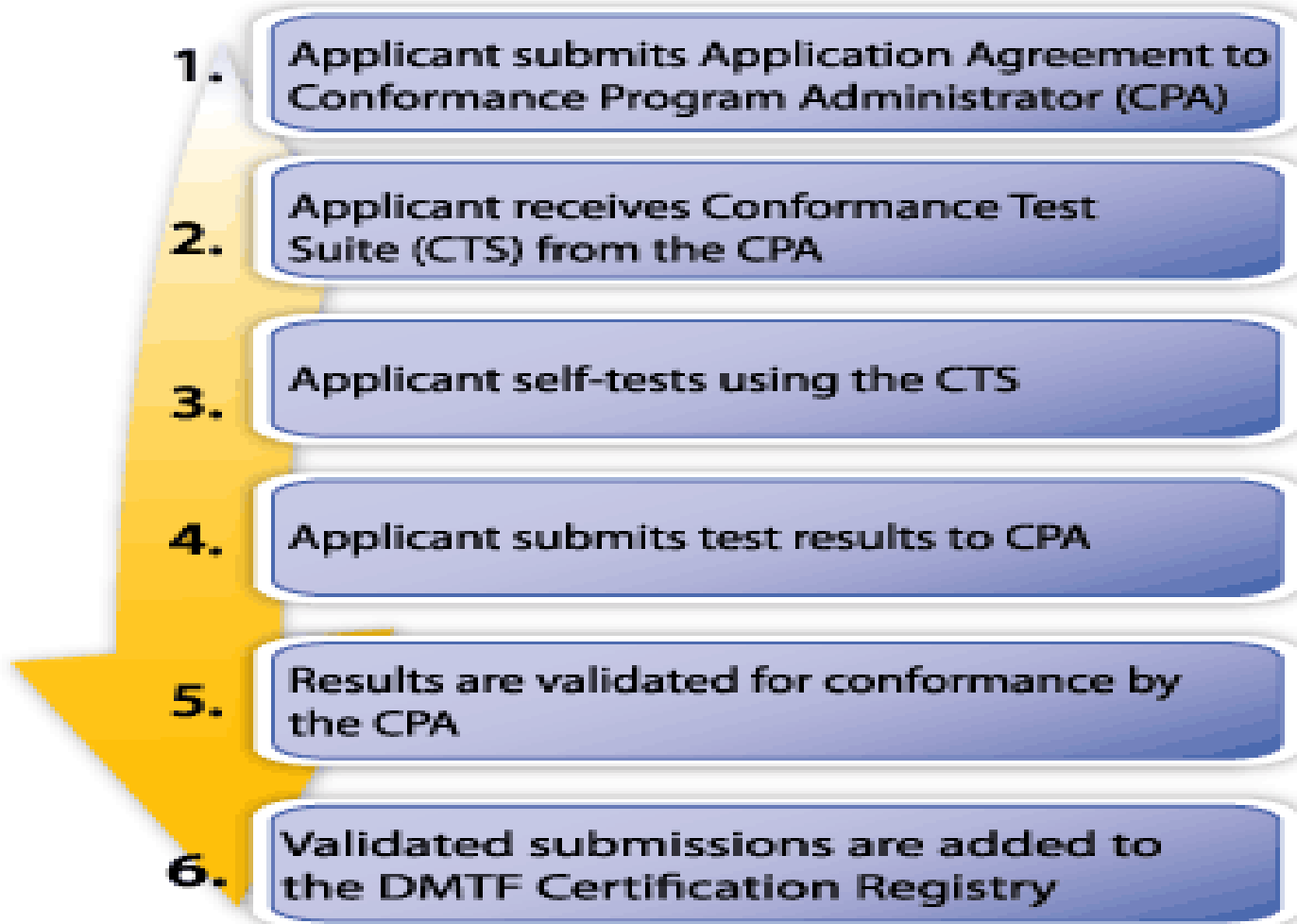
Participation in Conformance Program

- Who can utilize conformance program
 - DMTF CDM Leadership / Participation membership
 - DMTF Leadership/ Participation membership
 - Non-DMTF (General industry)
- Costs to participation in the Conformance Program

Membership Level	Conformance Program Fee
CDM Leadership	Part of Membership
CDM Participatory	\$500 (*1)
Other DMTF members	\$1000
Non-DMTF members	\$2000

(*1) Beyond 10 Submissions

Conformance Process



DTMF CDM Conformance Link: <http://www.dmtf.org/conformance/cdm>

Conformance Program Application for CTS



Common Diagnostics Model (CDM) Conformance Program



- Increase interoperability between multiple clients
- Provides means to check CDM implementations to conformance with DSP1002 standard
- Increases market visibility to certified and conforming products in the market place
- Promotes further industry adoption
- Strengthens confidence in DMTF standards

The [CDM](#) Conformance Program (CDM CP) is designed to validate CDM implementations to a particular version of the CDM Implementation Requirements Specification and is managed and sponsored by the [CDM Forum](#). CDM is used to evaluate the health of computer system components in multivendor environments. It specifies diagnostics instrumentation that can be utilized by vendors (OEMs and system builders) and platform management applicants to determine the health of a computer system components.

Companies interested in participating in the CDM CP self-test their implementation using the applicable CDM Conformance Test Suite and submit their digitally signed results to the CDM Conformance Program Administrator (an independent third party) for validation. The results will be validated by the Conformance Program Administrator. Certified results may be submitted for inclusion in the DMTF Certification Registry.

[Click here](#) to review the latest DMTF CDM Certified products.

- [CDM Conformance Program](#)
- [DASH Conformance Program](#)
- [DMTF Certification Registry](#)
- [DMI Showcase](#)

CDM Certification Registry

Use the DMTF Certification Registry to search for CDM validated implementations.

[CDM Certification Registry](#)

The CDM Conformance Process

1. Applicant submits Application Agreement to Conformance Program Administrator (CPA)
2. Applicant receives Conformance Test Suite (CTS) from the CPA
3. Applicant self-tests using the CTS
4. Applicant submits test results to CPA
5. Results are validated for conformance by the CPA

"Products conforming to the CDM standard provide a consistent interface for cross-platform diagnostics enabling vendors to offer the best possible solutions for their customers. By providing a conformance program for vendors test conformance to CDM Standards, DMTF continues enabling state-of-the-art interoperable management solutions for the industry."

- Thomas Butler
DMTF Vice President of Interoperability

[Download the Application PDF](#)


Verification Test Results

- Test results: CTS Registered Version accepted
- DIAGS Provider; results to Conformance Program Admin
- Conformance Program Admin validates test results
- Conformance Program Admin communicates results
- Conformance Program Admin updates registry listing

Issue Reporting/Dispositions

- Issue resolution process
 - PA responsible for reviewing; providing resolution to IR
 - PA to provide participant 10 business days after IR submission
 - In most cases PA to provide final resolution 20 business days
 - If participant is not satisfied with IR resolution; appeals process
 - The IR process allows participant to remain anonymous
 - Pre-certification is kept confidential between applicant and PA
- Dispositions
 - Accept as error or ambiguity in specification
 - Accept as error in Conformance Test Suite (CTS)
 - Accept as error in Conformance Program
 - Rejected

Conformance Program Registry



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Workspace Members Area

Home
Certification Registry

Home > Certification Registry: CDM 1.0

Certification Registry: CDM 1.0

Results 2 results

Product	Company	Standard	Test Suite/Version
HP Disk Drive Diagnostic	Hewlett-Packard Company	CDM 1.0	CDM 1.0 CTS Version 1.0.2
Realtek Ethernet CDM Diagnostic	Realtek Semiconductor	CDM 1.0	CDM 1.0 CTS Version 1.0.2

Contact Program Administrator

If you have any questions about certification for the products and standards listed here, please feel free to contact the program administrator for the standard in question:

- [CDM 1.0 Program Administrator](#)
- [DASH 1.0 Program Administrator](#)

Current search

Standards: CDM 1.0

Guided search

Company

[Hewlett-Packard Company](#) (1)

[Realtek Semiconductor](#) (1)

Keyword search

Search within results

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DMTF Conformance Registry Link: <http://registry.dmtf.org/registry/results>

Conformance Program Outlook

- DMTF CDM Forum Logo recognition Feb. 2011
- CTS Tool development DSP1002 v2.0 1st half 2011
- CTS Tool development WS-Man protocol 1st half 2011
- Launch CTS tool for DSP1002 v2.0 Sept. 2011
- CTS Support will be:
 - CIM-XML Protocol
 - WS-Man Protocol (in 2011)
 - Windows Vista/Windows7 (32 and 64 bit architectures)
 - Linux SLES 10 & SLES11 (32 and 64 bit architectures)

Closing Remarks

- CDM Forum recommends “Conformance Program”
 - Promotes Standardization
 - Promotes Interoperability
 - Recognition Diagnostics Conformance with Registry Listing
 - Promotes Company Brand / Product Model
 - Conformance can be market differentiator
 - Provides vehicle for DIAGS influence future direction

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Questions?