

SNIA Cloud Data Management Storage Interface (CDMI) Conformance Test Program FAQ

▶ **What are the goals of the CDMI CTP?**

The primary goal of the CDMI CTP is to validate that the CDMI standard conforms to the CDMI specification and complies with the ISO/IEC version (1.0.2) of the SNIA CDMI standard for cloud data interoperability. SNIA has a proven track record of successful certification testing programs within the storage industry. These programs drive increased adoption of the standard and increases visibility of the standard.

▶ **Why should cloud solution vendors participate in the CDMI CTP?**

The CDMI CTP provides unbiased, third-party validation of conformance with the CDMI standard. Vendors who pass the CDMI CTP certification can display the official SNIA CDMI CTP logo on their product and include it on responses to RFPs.

▶ **Why are end users interested in CDMI CTP certification?**

Cloud consumers want control of the destiny of their data. The CDMI CTP offers assurance that they will have the interoperability required to easily move from once CDMI-compliant cloud to another.

▶ **Is the CDMI specification an ISO/IEC standard?**

Yes, the CDMI specification has been ratified by JTC 1 as ISO/IEC 17826:2012.

▶ **How many products support the CDMI specification?**

There are currently over 20 implementations that support CDMI and the list continues to grow. [Click here](#) for an updated list.

➤ **Who executes the test program?**

The CDMI CTP is executed by Tata Consultancy Services (TCS), a global IT services, consulting and business solutions organization. TCS offers an automated testing suite compliant with the SNIA CDMI conformance test specification. To begin the CTP process, fill out [this form](#) on the SNIA web site.

➤ **How is CDMI interoperability testing performed?**

Conformance testing is done according to the CDMI Test Specification that details each test and the results, and is based on the CDMI specification. The CDMI Test Specification is available for public review and will be finalized for the first set of testing later this year.

➤ **How are test results made available?**

A comprehensive report with details of each test in the suite is made available to participants. Testing is pass/fail for each product. If a product fails, the vendor is given the opportunity to make changes and have the product re-tested. TCS also offers advisory support services to help fix defects and reduce test cycle times.

➤ **Where will test results be found?**

Organizations with products that have passed the CDMI CTP can have the results posted by CSI on the SNIA web site.

➤ **Do vendors get to choose if their results are posted?**

Yes. A vendor may choose to run the tests and not have their results published or may request that their results be published at a later date.

➤ **What is the intended audience for test results?**

Cloud solutions vendors and end users of cloud storage solutions who are interested in the CDMI standard.

➤ **Is there a process for parties to contest test results?**

Yes. Contested test results may be escalated to the SNIA Cloud Storage Technical Work Group (TWG) for resolution.

➤ **Why should end users require certification of meeting the CDMI spec?**

Cloud interoperability has become a critical business issue. IT departments understand the value of being able to utilize metadata in the cloud to ensure data protection and data portability. This is particularly valuable if organizations want to change cloud service providers or if a cloud service provider goes out of business.

➤ **Is there any test that will go beyond CDMI compliance and validate the SLA in terms of performance, latency, reliability, security, etc....?**

The CTP covers aspects of basic security. While we can envisage tests that stress security more, we don't envisage that performance latency and other aspects beyond the quality of the CDMI interface will be covered.

➤ **Is the CDMI conformance test also available to ISVs who want to provide software solutions "around" CDMI?**

The test is a server test, so yes, if ISVs are providing a CDMI service, then it can be conformance tested.

➤ **Can non-SNIA members participate in the CDMI CTP?**

Yes. Any cloud solution vendor can participate in the CDMI CTP.

➤ **How does a vendor become involved?**

Start the CTP test process [here](#).