



SMI-S Conformance Testing Program

CTP

~What you need to know~

What is the Conformance Testing Program (CTP)?

CTP validates that a company's storage networking products conform to the **SMI-S specification**.

CTP is an **annual program** offering unlimited testing throughout the year, allowing a company to test as many products as it wishes against any available version of the CTP test.

CTP is a **one-stop way** to ensure that you have incorporated the latest SMI-S-based fixes and revisions into your product.

How does CTP work?

First a company signs up for CTP. Then the company downloads CTP tests and runs them to verify that its product conforms to SMI-S. When the company is ready to officially verify that a product conforms to SMI-S, it tests the product (at its own facilities or at the SNIA Technology Center) and submits the results. The CTP Program Manager verifies and publishes SMI-S conformant test results.

Steps to CTP Certification



Sign up for CTP.



Download and run CTP test.



Submit results.



Receive CTP certificate.

How do you get started?

Contact the **SNIA-CTP Program Office** at the SNIA Technology Center in Colorado Springs to sign up for CTP:

1-719-694-1381 or snia-ctp-admin@snia.org.

The CTP Program Manager will help you get signed up for CTP.

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Visit our website now...
www.snia.org/ctp/

Did you know?

6 of the top 10
storage companies
offer SMI-S enabled
products and belong to SMI.

Top Three Reasons to join the CTP program

1. **Lead the industry** - More than half of the top 10 storage companies in the world* offer products that are SMI-S conformant!
2. **Build your business** - Your strategic partners and customers are requiring it!
3. **Keep your customers happy** - Including CTP in your QA cycles helps keep your customers out of trouble!

* www.storagenewsletter.com/news/business/top-ten-storage-companies-in-the-world



CTP FAQs

• Who is CTP designed for?

For both vendors and end users. Storage vendors complete the CTP testing. End users benefit from CTP test results.

• Do you have to be a member of SNIA to sign up for CTP?

No. Any company with SMI-S enabled products can sign up for CTP.

• Why would you want a product to pass CTP?

There are several reasons: (1) You can advertise CTP results as a selling point. (2) You can verify that you are properly implementing SMI-S. (3) You can show partners that SMI-S is implemented in your storage networking products. (4) You can save time in the quality assurance cycle.

• How can companies ensure that they will be successful at CTP testing?

SNIA recommends that companies interested in CTP testing participate in the SMI-Lab program to help them learn best practices by interacting with other SMI-Lab participants.

• What does CTP test?

CTP tests conformance to SMI-S based on the SMI-S profiles implemented in a product. The implemented portions of SMI-S profiles are tested in CTP. Contact the CTP Program Manager (snia-ctp-admin@snia.org) for a list of SMI-S profiles that are tested. Refer to the CTP releases (www.snia.org/ctp/generalinfo/providerreleases.html) for more details about what is tested.

• How can you be sure that the test is vendor-neutral?

The test is overseen by SNIA staff members and a committee of vendors using a process by which multiple vendors approve versions of the test before they become available.

CTP Test ~ Conformant Companies

SMI-Provider test. The following companies have successfully completed testing using the SNIA's SMI-Provider test. *

- EMC Corporation
- Hewlett-Packard Company
- Hitachi Data Systems
- Hitachi Limited
- Huawei

Version 1.5

- Brocade Communications Systems
- Dell Computer
- Fujitsu Limited
- IBM
- NetApp
- PMC-Sierra

Version 1.4

Cisco Systems, Oracle Corporation, Emulex, NEC Corporation, QLogic, Quantum, Silicon Graphics, Xyratex

Older versions

* As of March, 2013. Only the most recent version passed is listed.

CTP: Total Numbers at a Glance

Participating Companies: 33

Test Submissions: 363

Conformant Software Products: 85

Conformant Hardware Products: 1036

Results at:
www.snia.org/ctp/conformingproviders