

Storage Work Group Opal Family Test Cases Specification FAQ March 2019

Q. What is the Storage Work Group?

A. The Storage Work Group is an entity within the Trusted Computing Group. It consists of TCG member companies with interests in the implementation of the Trusted Computing Group's specifications for storage devices. For more information on the Storage Work Group, please refer to www.trustedcomputinggroup.org.

Q. What is the Core Specification?

A. The Core Specification, officially known as TCG Storage Architecture Core Specification, developed by the Storage Work Group provides a comprehensive definition of TCG-related functions for a TCG storage device.

Q. What is a Security Subsystem Class (SSC)?

A. The Core Specification can be further broken down in multiple subsets of functionality called Security Subsystem Classes (SSCs). SSCs explicitly define the minimum acceptable Core Specification capabilities of a storage device in a specific "class" and potentially expand functionality beyond what is defined in the Core Specification.

Q. What is the Opal SSC?

A. The Opal SSC specification is predicated on ease of implementation and integration. This SSC defines the functionality for implementing the Core Specification on storage devices.

Q. What is the Opal family set of SSCs?

A. The Opal family set of SSCs are a collection of SSCs that have been developed based on the Opal SSC specifications. The Opal family SSCs include Opal, Opalite, Pyrite, and Ruby.

Q. What is the TCG Storage Opal Family Test Cases Specification?

A. The TCG Storage Opal Family Test Cases Specification contains a set of tests that are intended to verify the correct behavior of a storage device implementing one or more of the Opal family SSC

Specifications. These test cases are intended to be used as a basis for the compliance component of the Storage certification program, which will seek to ensure a high level of interoperability of storage devices from multiple vendors.

Q. What is the difference between TCG Storage Opal Family Test Cases Specification and previous TCG Storage Opal Test Cases Specification?

A. The TCG Storage Opal Family Test Cases Specification is defined to cover the test cases for Opal family SSCs. This specification covers a larger scope than the previous Opal Test Cases Specification. The Opal Family Test Cases Specification is intended to replace the previous Opal Test Cases Specification by expanding the original test cases and adding new test cases for other SSCs in the Opal family.

Q. To which versions of Opal family SSCs does this specification apply?

A. The following SSC specification are covered by the TCG Storage Opal Family Test Cases specification: TCG Storage Security Subsystem Class: Opal Version 1.00, 2.00, 2.01; Opalite Version 1.00; Pyrite Version 1.00, 2.00; and Ruby Version 1.00.

Q. What is the audience for this specification?

A. The target audience for this Opal Family Test Cases Specification includes system integrators for trusted storage solutions including security software vendors, manufacturers of Opal Family SSC storage devices, and compliance test suite vendors.

Q. When will the Storage certification program be available?

A. The TCG Storage certification program has been available since March 2018 for the Opal SSC devices. Please refer to the storage certification information on the TCG website.

Contact: admin@trustedcomputinggroup.org