



KMIP Conformance Test Program

Organizations with KMIP implementations in their products can now validate the protocol conformance of those products with the goal of improving interoperability of KMIP products throughout the industry. The SNIA Storage Security Industry Forum provides the following KMIP Conformance Test Program elements:

- KMIP test harness to execute tests based on published OASIS KMIP Profile test cases
- Secure, vendor-neutral test lab environment
- VPN access into secure environment
- Formal test execution and monitoring
- Results auditing
- Results reporting

“As an author and supporter of the OASIS KMIP standard, HP chose to submit our HP Enterprise Secure Key Manager 4.0 into the KMIP Test Program for certification as a conforming KMIP server. We were very happy with the results along with excellent support from SNIA's staff, and we fully endorse the test program as independent assurance of interoperability for both vendors and end users of KMIP solutions.”

- Albert Biketi, vice president, HP Security, Atalla



SNIA KMIP conformance testing is conducted at the new SNIA Technology Center in Colorado Springs, CO. This 7,500 sq. ft. facility enables the industry to carry out both local and global technical standards development, interoperability testing programs, and classroom education for IT professionals and engineers.

- 1,500 sq. ft. of Interoperability test labs
- Classrooms and meeting space
- Industrial-grade tiered workbenches
- Integrated network and fibre infrastructure
- Teleconferencing and other meeting support
- Secure remote access to testing labs and other hosted equipment
- Pre-stage and remote deployment of equipment
- Dedicated, trained SNIA independent testing staff

Now Have Your Security, Cloud, and Storage Client and Server Products Independently Tested for KMIP Conformance by SNIA

KMIP is a single, comprehensive protocol for communication between encryption systems and a broad range of new and legacy enterprise applications. As an **interoperability specification**, KMIP must work in the real world where the goal is vendor choice - plug and play.

Does your solution incorporate KMIP?

If so, the **BEST** way to test your implementation is by testing based on profiles of use performed by an **INDEPENDENT** organization - the **Storage Networking Industry Association (SNIA)**

THE SNIA STORAGE SECURITY INDUSTRY FORUM WAS SELECTED BY THE OASIS KMIP TECHNICAL COMMITTEE AS ITS OFFICIAL ACCREDITED KMIP CONFORMANCE TEST LAB, AND PROVIDES:

- Independent verification from a trusted third party that a given implementation conforms to the KMIP standard
- Verification testing against KMIP profiles for client and server products that implement functionality as described by one or more KMIP profiles documented by the OASIS KMIP Technical Committee



Test Security and Cloud Applications

Key managers
Compliance platforms
Information managers and virtualization managers
Enterprise gateways and authentication
Endpoint security
Cloud encryption gateways
Policy enforcement

Test Storage Applications

Disk arrays and flash storage arrays
Tape and virtual tape libraries
Encrypting switches
NAS appliances
Storage key managers
Storage controllers
Storage operating systems

SNIA KMIP Conformance Test Verification can be used by your customers to give confidence that your product will interoperate with other similarly tested KMIP products. Follow up with Marty Foltyn, SNIA Business Development Representative at marty.foltyn@snia.org/619-992-2195 and learn more at <http://www.snia.org/kmip>

