



## **TCG Storage Opal SSC Feature Set: Configurable Namespace Locking FAQs November 2018**

### **Q. What is a TCG Storage Feature Set?**

A. TCG Storage Workgroup has developed the concept of Feature Sets to extend the functionality defined in Security Subsystem Class (SSC) specifications while maintaining backward compatibility with those specifications.

### **Q. What is the TCG Storage Opal SSC Feature Set: Configurable Namespace Locking Specification?**

A. TCG Storage Workgroup has developed the TCG Storage Opal SSC Feature Set: Configurable Namespace Locking Specification to give host applications the ability to configure the management of locking and data encryption on an individual NVMe namespace.

The Opal Family SSC specifications enable the host application to configure and manage locking, unlocking, cryptographic erasing, and access controls on LBA ranges. The Configurable Namespace Locking Specification extends this functionality for NVMe namespaces and LBA ranges within those namespaces.

### **Q. Is the Configurable Namespace Locking Feature Set applicable to all Security Subsystem Classes?**

A. No, the Configurable Namespace Locking Specification is only applicable to the Opal Family SSCs which support cryptographic erasure (i.e. Opal, Ruby, Opalite).

### **Q. Are storage devices compliant with Opal Family SSCs required to support the Configurable Namespace Locking Feature Set?**

A. Storage devices compliant with the Opal Family SSCs are not required to support the Configurable Namespace Locking Feature Set.

### **Q. How can host software determine whether a certain storage device compliant with Opal SSC actually supports the Configurable Namespace Locking Feature Set?**

A. Storage device's support of the Configurable Namespace Locking Feature Set is indicated via a new Level 0 discovery descriptor defined in the Configurable Namespace Locking Feature Set.

**Contact:** [press@trustedcomputinggroup.org](mailto:press@trustedcomputinggroup.org)