

Discover What's New at ULINK!

SD Express Association 2026 Taipei IOP Event

ULINK is a participant in the SD Express Association Taipei IOP event on Tuesday, November 10, 2026, from 9:00 a.m. to 6:00 p.m. Location of the event:

TaiNEX 1.
No.1, Jingmao 2nd Rd., Nangang District,
4th Floor, Room 404
Taipei City 11568, Taiwan

Latest Release

DriveMaster Release
DriveMaster 11: v11.0.1950 ***(New)***

Test Suite Release
ULINK NVMe Protocol Test Suite: v8.0
ULINK NVMe Regression Test Suite: v7.0
ULINK SATA/ATA Protocol Test Suite: v10.5 ***(New)***
ULINK SATA/ATA Regression Test Suite: v9.5
SATA-IO Device Digital: v5.0

SATA-IO Host Digital: v3.0
ULINK SAS/SCSI Protocol Test Suite: v4.5
ULINK SAS/SCSI Regression Test Suite: v6.0

ULINK TCG/IEEE1667 Opal Family SSC Protocol Test Suite: v12.0
TCG Opal Family SSC Application Note Test Suite: v6.5 ***(New)***
TCG Opal Family SSC Multiple Namespaces Protocol Test Suite: v3.5 ***(New)***
SWG TCG Opal Family Certification Test Suite: v8.0 ***(New)***
SDA TCG Opal Family Certification Test Suite: v2.0 ***(Brand-New)***
ULINK TCG Enterprise SSC Protocol Test Suite: v6.0 ***(New)***
TCG Enterprise SSC Application Note Test Suite: v6.5 ***(New)***

SWG TCG Opal Family Certification Test Suite Updates

Highlights of v8.0 include:

Script security updates

TCG_Revert: better handling of the Revert() method for devices with dynamic ComID support

Update the scripts to support TCG Storage Opal Family Test Cases Specification v1.02:

- UCT06 & UCT10: add a new step to get the values in Read/WriteEnableLocked and Read/WriteLocked columns for the corresponding locking ranges
- Case 3 in ECT-16: Locking_Range4 is replaced with Locking_Range2 due to the change in TCG Storage Opal Family Test Case spec. v1.00 r1.07.
- ETC22_MultipleSession

111111111111> Add case 4 (Test2-subCase1) to check MaxSessions/ MaxReadSessions
111111111111 and mark it as “NA” when MaxReadSessions=0 or MaxSessions=0/omitted
111111111111 according to the Test Case spec.
111111111111> Update case 5 and 6 to better handle multiple read-only sessions when the
1111111111111device supports multiple static ComIDs

- SPF06: add the better handling for the entries greater than 512 in the Locking table

To better align with the Test Case spec., the descriptions of the following cases are changed,

- Case 10/11 in UCT-06, Case 11 in UCT-10, Case 1/2 in ETC-01, Case 5/7/10/11 in ETC-24: "Abort" is modified to "Fail with Data Protection Error"
- Case 2 in ETC-02: "Abort" is modified to "Fail with Synchronous Protocol Violation"
- Case 8 in UCT-13: "matching" is modified to "Pass with MAGIC_PATTERN"
- Test2-subCase1 in SPF-02: "StartSession to the Locking SP" is modified to "StartSession to the Locking SP as Admin1"
- Case 8/9/10 in SPF-03: "incorrect HostChallenge when Tries>TryLimit" is modified to "incorrect PIN until Tries=TryLimit and a correct PIN"
- Case 8/10/12 in SPF-04: "when Tries is greater than TryLimit-1" is modified to "after incorrect PIN attempts until TryLimit-1"

SDA TCG Opal Family Certification Test Suite *(Brand-New)*

A first-of-its-kind solution for the mass-storage market, delivering TCG Opal family testing for SD Express devices over the NVMe interface. The product complies with:

- **SD Specifications: Part 1 Extended Security Addendum v1.00/v2.00**
- **SD Specifications: Part 1 Physical Ver 9.10 Test Guideline for Card v1.00**
- **TCG Storage Opal Family Test Cases Specification Version 1.02**

TCG Opal Family SSC Multiple Namespaces Protocol Test Suite Updates

Highlights of v3.5 include:

Script security updates

TCG_Revert: better handling of the Revert() method for devices with dynamic ComID support

Update the following script to better handle multiple values in "DoneOnReset" column of the MBRControl table

- MBR_BasicCheck
- MBR_ModifiedSet
- MBR_ReadWrite10292026

CNL2_ConfigNS:

- Case 20: add the handling to correctly assign the TableUID to Next_Rsp() method when the LockingSP-Table table contains more than 200 entries
- Case 23: modify NamespaceID from 1 (non-Global LO) to 2 (Global LO) to better handle devices with the Range_C=0

MBR_ReadWrite, CNL2_ConfigNS, CNL4_Revert_RevertSP: update the related test cases to better handle the device that does not support consecutive LBAs (RangeCrossing = 1)

ULINK TCG Enterprise SSC Protocol Test Suite Updates

Highlight of v6.0 includes:

Script security updates

TCG Opal Family SSC Application Note Test Suite Updates

Highlights of v6.5 include:

Script security updates

TCG_Revert: better handling of the Revert() method for devices with dynamic ComID support

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TCG Enterprise Application Note Test Suite Updates

Highlight of v6.5 includes:

Script security updates

ULINK SATA/ATA Protocol Test Suite Updates

Highlights of v10.5 include:

Script security updates

DSM: Add the handling to avoid Random Number from being zero in "Number of blocks of LBA Range Entries is out of the max. number of blocks supported" which may make the incorrect expectation if Random Number is zero.

To purchase or renew your test suites, please visit our **Contact Page** or contact your **ULINK representative.**

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