FCP-5 Status Report

David Peterson – Brocade Storage Networking
Jan 8, 2019

T10-19-014r1
FCP-5 Status

January Update

• FC-NVMe-2 should enter T11.3 RFC ballot phase in February
  – See draft rev 1.03 for Sequence level error recovery (SLER) text and informative annex diagrams

• Ad Hoc F2F meeting scheduled @ Feb T11 in Fort Worth, TX
  – Wednesday ~1:30pm
FCP-5 Status

Error scenario

- Exchange-based routing

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**FCP-4 Error Detection and Recovery – No CRN**

**Host**

- **Space**
  - **FCP_CMND**\((OX=1, RX=FFFF, Param=5)\)
  - **REC**\((OX=A, RX=FFFF, Param=5, OX_ID=1, RX_ID=FFFF)\)
  - **LS_RJT**\((OX=A, RX=FFFF/rc=03h, rce=17h)\)

**Initiator**

- **REC_TOV**

**Target**

- **FCP_CMND**\((OX=2, RX=FFFF, Param=6)\)

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**Per FCP-4 standard (Space) command is retransmitted in new Exchange.**

- **FCP-4**
  - **subclause 6.3.3**
    - The PARAMETER field for each FCP_CMND IU shall be set to a unique non-zero value.

- **subclause 12.4.1.5**
  - If task retry identification has been agreed to by both the initiator FCP_Port and target FCP_Port, then the same task retry value identifier value shall not be used within RR_TOV_SEQ_INIT.

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**Error Detection**

**Error Recovery**

The LS_RJT indicates the Exchange is unknown.
FCP-5 Status

FCP-5 Project Next Step

• Options
  A. “Minimal” changes
     – Specify task retry identifier value for resent FCP_CMND IU
     – Add FCP-4 Amendment 1
  B. “Maximum” changes
     – Add SLER
     – Specify task retry identifier value for resent FCP_CMND IU
     – Add FCP-4 Amendment 1
  C. No changes – cancel project
  D. Other ?
Thank You
Backup