

Mandatory REPORT LUNS Support

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The support for REPORT LUNS is highly desirable in today's networked storage environments. No support of REPORT LUNS (even for devices having only a single logical unit) leaves the implementation guessing/probing for logical units.

Proposal

Specify REPORT LUNS as mandatory to support in SPC-3 and associated device-type specific standards:

SBC-2 (direct-access, optical memory, and write-once device types)

SES-2

SSC-2

SMC-2

OSD

In SPC-3 and associated device-type specific standards, change the Type entry in the command table to M.

In SPC-3, remove the last sentence in the clause 7.20 REPORT LUNS command text:

A SCSI device that is capable of supporting a LUN address other than zero shall support a REPORT LUNS command that is addressed to logical unit zero. Support of the REPORT LUNS command by logical units other than logical unit zero is optional. ~~Support of the REPORT LUNS command on devices having only a single logical unit with the logical unit number of zero is optional.~~