

memorandum



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To: INCITS T10 Committee From: Michael Banther, HP Subject: SPC-3 – Mandatory Service Action Out (16) Command Date: 10 August, 2004

Revision history

Revision 0 – Initial proposal.

Background

The Automation/Drive Interface Command (ADC) set requires ADC device servers to support the NOTIFY DATA TRANSFER DEVICE command. This command uses the SERVICE ACTION OUT operation code (9Fh) combined with a service action code of 1Fh.

Table C.2 of SPC3r20 does not indicate the existence of a mandatory SERVICE ACTION OUT command in the Automation/Drive Interface (ADC) column. This proposal adds an 'M' to the ADC column of Table C.2 for operation code 9Fh.

Proposed change

Table C.2 – Operation Codes (part 5 of 6)

OP	D	T	L	P	W	R	O	M	A	E	B	K	V	F	Description
	D														DIRECT ACCESS BLOCK DEVICE (SBC-2)
	.	T													SEQUENTIAL ACCESS DEVICE (SSC-2)
	.	.	L												PRINTER DEVICE (SSC)
	.	.	.	P											PROCESSOR DEVICE (SPC-2)
	.	.	.	.	W										WRITE ONCE BLOCK DEVICE (SBC)
	.	.	.	.	.	R									CD/DVD DEVICE (MMC-2)
	.	.	.	.	.	.	O								OPTICAL MEMORY BLOCK DEVICE (SBC)
	.	.	.	.	.	.	.	M							MEDIA CHANGER DEVICE (SMC-2)
	.	.	.	.	.	.	.	.	A						STORAGE ARRAY DEVICE (SCC-2)
	.	.	.	.	.	.	.	.	.	E					ENCLOSURE SERVICES DEVICE (SES)
	.	.	.	.	.	.	.	.	.	.	B				SIMPLIFIED DIRECT-ACCESS DEVICE (RBC)
	.	.	.	.	.	.	.	.	.	.	.	K			OPTICAL CARD READER/WRITER DEVICE (OCRW)
	.	.	.	.	.	.	.	.	.	.	.	.	V		AUTOMATION/DRIVE INTERFACE (ADC)
	.	.	.	.	.	.	.	.	.	.	.	.	.	F	OBJECT-BASED STORAGE (OSD)
	
9Eh															SERVICE ACTION IN(16)
9Fh													M		SERVICE ACTION OUT(16)
A0h	O	M	O	O	O		O	O	M	O		O	M	O	REPORT LUNS