

ReportInfo

Array Diagnostic Utility Inspection Report Version	7.30.5.0
Date/Time	Thursday, May 29, 2008 32142PM
Computer Model	HP Server

SLOT 0 Smart Array 6i Controller

ERROR REPORT

ErrorText	SLOT 0 Smart Array 6i Controller
ErrorText	Logical drive 1 status = Ready for recovery

CONTROLLER IDENTIFICATION

Configured Logical Drives	1
Controller ROM Revision	2.48
Board ID	Smart Array 6i

MONITOR AND PERFORMANCE

SCSI Port 2, Drive ID 0

Serv. Time	665669
Read Blks	48121100
Write Blks	2724128302
Timeouts	26

DRIVE ERROR LOG

SCSI Status	CAM Status	Sense Key	Sense Code	Block	Time Stamp	SCSI Operation	Additional Info	Time Since Error
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013b00(0)	393675	Write(10)	0x0000	188 days

Good	Command Timeout	No Sense	No Additional Sense Information	0x023193c0(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x01eef7a0(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013b80(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013ba0(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013bc0(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013be0(0)	393675	Write(10)	0x0000	188 days
Good	SCSI Bus Reset Sent/Recieved	No Sense	No Additional Sense Information	0x08002000(0)	393676	Mode Sense(6)	0x0000	188 days
Good	SCSI Bus Reset Sent/Recieved	No Sense	No Additional Sense Information	0x08000e00(0)	393676	Mode Sense(6)	0x0000	188 days
Good	SCSI Bus Reset Sent/Recieved	No Sense	No Additional Sense Information	0x044060c0(0)	398062	Write(10)	0x0000	185 days
Good	SCSI Bus Reset Sent/Recieved	No Sense	No Additional Sense Information	0x046bc728(0)	398063	Write(10)	0x0000	185 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x04592fc0(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x04592fe0(0)	393675	Write(10)	0x0000	188 days

Good	Command Timeout	No Sense	No Additional Sense Information	0x04593000(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013a60(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013a80(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013aa0(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x0162f860(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013ac0(0)	393675	Write(10)	0x0000	188 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013ae0(0)	393675	Write(10)	0x0000	188 days

SCSI Port 2, Drive ID 1

Serv. Time	1373112
Read Blks	34827533148
Rtry Read	2
Write Blks	4569963258
Timeouts	11

DRIVE ERROR LOG									
SCSI Status	CAM Status	Sense Key	Sense Code	Block	Time Stamp	SCSI Operation	Additional Info	Time Since Error	
Good	This io-process was killed by a xDTR negotiation	No Sense	No Additional Sense Information	0x03012480(0)	1101118	Write(10)	0x0000	188 days	
Good	This io-process was killed by a	No Sense	No Additional Sense	0x002a1c60(0)	1101118	Write(10)	0x0000	188 days	

	xDTR negotiation		Information						
Good	This io-process was killed by a xDTR negotiation	No Sense	No Additional Sense Information	0x00297148(0)	1101118	Read(10)	0x0000	188 days	
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013c00(0)	1101118	Write(10)	0x0000	188 days	
Good	Command Timeout	No Sense	No Additional Sense Information	0x04871918(0)	1101118	Write(10)	0x0000	188 days	
Good	Command Timeout	No Sense	No Additional Sense Information	0x00401400(0)	1101118	Write(10)	0x0000	188 days	
Good	Command Timeout	No Sense	No Additional Sense Information	0x03012860(0)	1101118	Write(10)	0x0000	188 days	
Good	Command Timeout	No Sense	No Additional Sense Information	0x03013d40(0)	1101118	Write(10)	0x0000	188 days	
Good	Command Timeout	No Sense	No Additional Sense Information	0x00129fd0(0)	1101118	Write(10)	0x0000	188 days	
Good	SCSI Bus Reset Sent/Recieved	No Sense	No Additional Sense Information	0x04593120(0)	1101118	Read(10)	0x0000	188 days	
Good	SCSI Bus Reset Sent/Recieved	No Sense	No Additional Sense Information	0x08002000(0)	1101118	Mode Sense(6)	0x0000	188 days	
Good	SCSI Bus Reset Sent/Recieved	No Sense	No Additional Sense Information	0x00401430(0)	1101119	Write(10)	0x0000	188 days	
Good	Command Timeout	No Sense	No Additional Sense Information	0x001dea00(0)	1105504	Write(10)	0x0000	185 days	

Good	Command Timeout	No Sense	No Additional Sense Information	0x01bccba0(0)	1105504	Write(10)	0x0000	185 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x0211d8e0(0)	1105504	Read(10)	0x0000	185 days
Good	SCSI Bus Reset Sent/Recieved	No Sense	No Additional Sense Information	0x0306bb40(0)	1105505	Write(10)	0x0000	185 days
Good	Command Timeout	No Sense	No Additional Sense Information	0x018c46c0(0)	1105506	Write(10)	0x0000	185 days
Good	SCSI Bus Reset Sent/Recieved	No Sense	No Additional Sense Information	0x046bc720(0)	1105506	Write(10)	0x0000	185 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data With No Error Correction Applied	0x0401210d(1)	1288396	Read(10)	0x0000	58 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data With No Error Correction Applied	0x03b46c7c(1)	1289842	Read(10)	0x0000	57 days

SCSI Port 2, Drive ID 2

Serv. Time	1373112
Read Blks	35014268783
Hrd Read	4085
Rtry Read	591
Write Blks	4509219029
Timeouts	17
Fl Rd Recv	66

DRIVE ERROR LOG	SCSI Status	CAM Status	Sense Key	Sense Code	Block	Time Stamp	SCSI Operation	Additional Info	Time Since Error
-----------------	--------------------	-------------------	------------------	-------------------	--------------	-------------------	-----------------------	------------------------	-------------------------

Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x009b9c3c(1)	1354900	Read(10)	0x0000	12 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x009b9f82(1)	1354946	Read(10)	0x0000	12 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Data Autoreallocated	0x0022c323(1)	1354948	Read(10)	0x0000	12 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x00401d6d(1)	1358174	Read(10)	0x0000	10 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data With Retries	0x00401e47(1)	1358475	Read(10)	0x0000	10 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x00401d84(1)	1358596	Read(10)	0x0000	10 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data With Retries	0x00401d7e(1)	1361583	Read(10)	0x0000	8 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x009b9cc6(1)	1363561	Read(10)	0x0000	6 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x003d1bf8(1)	1363568	Read(10)	0x0000	6 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data With Retries	0x003d1bf1(1)	1363568	Read(10)	0x0000	6 days
Check	Request	Recovered	Recovered Data	0x003d1bfe(1)	1365011	Read(10)	0x0000	5

Condition	Completed with Error	Error	Without Ecc Recommend Rewrite						days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x003d1bf2(1)	1370435	Read(10)	0x0000		1 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x003d1c01(1)	1370435	Read(10)	0x0000		1 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Data Autoreallocated	0x00fed740(1)	1370487	Read(10)	0x0000		1 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x009b9c4c(1)	1372223	Read(10)	0x0000		14 hrs
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Data Autoreallocated	0x003d1bf1(1)	1372229	Read(10)	0x0000		14 hrs
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x009b9f81(1)	1352059	Read(10)	0x0000		14 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x0014ee80(1)	1352061	Read(10)	0x0000		14 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Recommend Rewrite	0x003d1bef(1)	1353463	Read(10)	0x0000		13 days
Check Condition	Request Completed with Error	Recovered Error	Recovered Data Without Ecc Data Autoreallocated	0x00401f35(1)	1353843	Read(10)	0x0000		13 days

PHYSICAL DRIVE IDENTIFICATION**SCSI Port 2, Drive ID 0**

Product Id	BF07289BC4 Spare: 404713001, 72GB Wide Ultra320 15K 1 72GB 1 U320 15K 80P 72GB Hotplug, Assembly: 365699008.
Product Rev	HPB1
Serial Number	DNA1P6C0BWWA0652
Last Failure Reason	Removed in hot plug

SCSI Port 2, Drive ID 1

Product Id	BF07287B55 Spare: 404713001, 72GB Wide Ultra320 15K 1 72GB 1 U320 15K 80P 72GB Hotplug, Assembly: 356914002. Spare: 382948001, 72GB Wide Ultra320 15K 1 72GB 1 U320 15K 80P 72GB Hotplug, Assembly: 356914002.
Product Rev	HPB3
Serial Number	E40CTCAK
Last Failure Reason	Drive has not failed

SCSI Port 2, Drive ID 2

Product Id	BF07288576 Spare: 404713001, 72GB Wide Ultra320 15K 1 72GB 1 U320 15K 80P 72GB Hotplug, Assembly: 365699002. Spare: 382948001, 72GB Wide Ultra320 15K 1 72GB 1 U320 15K 80P 72GB Hotplug, Assembly: 365699002.
Product Rev	HPB2
Serial Number	ANA1P5705NTB0528
Last Failure Reason	Drive has not failed

RIS DATA AREA**SCSI Port 2, Drive ID 0:**

RIS signature	ASTROS
RIS hex dump	Logical Drive Req Error Error command, 0018d900 Block address: 00000000 Big block address: 00000000 Block count: 0000 Error physical bus 0 Error physical ID0 Fatal drive error, SCSI port 1 ID 0 11-01-2007 09:43:54
	Logical Drive Req Error Error command, 001aff20 Block address: 00000000 Big block address: 00000000 Block count: 0000 Error physical bus 0 Error physical ID0 Fatal drive error, SCSI port 1 ID 0 11-01-2007 09:44:24
	Logical Drive Req Error Error command, 001a26a4 Block address: 00000000 Big block address: 00000000 Block count: 0000 Error physical bus 0 Error physical ID0 Fatal drive error, SCSI port 1 ID 0 11-01-2007 09:44:54
	Logical Drive Req Error Error command, 0019b17c Block address: 00000000 Big block address: 00000000 Block count: 0000 Error physical bus 0 Error physical ID0 Fatal drive error, SCSI port 1 ID 0 11-01-2007 09:45:23
	Logical Drive Req Error Error command, 0018d900 Block address: 00000000 Big block address: 00000000 Block count: 0000

Req Error	Error physical bus 0 Error physical ID0 Fatal drive error, SCSI port 1 ID 0 11-01-2007 09:45:53
Logical Drive Req Error	Error command, 001884f4 Block address: 00000000 Big block address: 00000000 Block count: 0000 Error physical bus 0 Error physical ID0 Fatal drive error, SCSI port 1 ID 0 11-01-2007 09:46:23
Logical Drive Req Error	Error command, 001a401c Block address: 00000000 Big block address: 00000000 Block count: 0000 Error physical bus 0 Error physical ID0 Fatal drive error, SCSI port 1 ID 0 11-01-2007 09:46:52
Logical Drive Req Error	Error command, 001a401c Block address: 00000000 Big block address: 00000000 Block count: 0000 Error physical bus 0 Error physical ID0 Fatal drive error, SCSI port 1 ID 0 11-01-2007 09:47:22
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive ready for recovery operation. New logical drive state: Logical drive is currently recovering. Old Spare Status: 00000000 New Spare Status: 00000000 11-01-2007 09:49:01
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive is currently recovering. New logical drive state: Logical drive ready for recovery operation. Old Spare Status: 00000000 New Spare Status: 00000000 11-01-2007 09:51:34
Logical Drive Status	Rebuild aborted due to read error, logical drive 00000000. Replacement drive 7 Error drive 9 Big replacement drive 0x90 Big error drive 0x92 11-01-2007 09:51:35
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive ready for recovery operation. New logical drive state: Logical drive is currently recovering. Old Spare Status: 00000000 New Spare Status: 00000000 11-19-2007 19:47:36
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive is currently recovering. New logical drive state: Logical drive ready for recovery operation. Old Spare Status: 00000000 New Spare Status: 00000000 11-19-2007 19:49:57
Logical Drive Status	Rebuild aborted due to read error, logical drive 00000000. Replacement drive 7 Error drive 9 Big replacement drive 0x90 Big error drive 0x92 11-19-2007 19:49:57
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive ready for recovery operation. New logical drive state: Logical drive is currently recovering. Old Spare Status: 00000000 New Spare Status: 00000000 11-19-2007 19:59:27
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive is currently recovering. New logical drive state: Logical drive ready for recovery operation. Old Spare Status: 00000000 New Spare Status: 00000000 11-19-2007 20:01:49
Logical Drive Status	Rebuild aborted due to read error, logical drive 00000000. Replacement drive 7 Error drive 9 Big replacement drive 0x90 Big error drive 0x92 11-19-2007 20:01:49
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive ready for recovery operation. New logical drive state: Logical drive is currently recovering. Old Spare Status: 00000000 New Spare Status: 00000000 12-13-2007 08:54:42
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive is currently recovering. New logical drive state: Logical drive ready for recovery operation. Old Spare Status:

	00000000 New Spare Status: 00000000 12-13-2007 08:57:06
Logical Drive Status	Rebuild aborted due to read error, logical drive 00000000. Replacement drive 7 Error drive 9 Big replacement drive 0x90 Big error drive 0x92 12-13-2007 08:57:06
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive ready for recovery operation. New logical drive state: Logical drive is currently recovering. Old Spare Status: 00000000 New Spare Status: 00000000 01-14-2008 08:32:40
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive is currently recovering. New logical drive state: Logical drive ready for recovery operation. Old Spare Status: 00000000 New Spare Status: 00000000 01-14-2008 08:35:01
Logical Drive Status	Rebuild aborted due to read error, logical drive 00000000. Replacement drive 7 Error drive 9 Big replacement drive 0x90 Big error drive 0x92 01-14-2008 08:35:01
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive ready for recovery operation. New logical drive state: Logical drive is currently recovering. Old Spare Status: 00000000 New Spare Status: 00000000 02-18-2008 09:33:43
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive is currently recovering. New logical drive state: Logical drive ready for recovery operation. Old Spare Status: 00000000 New Spare Status: 00000000 02-18-2008 09:36:08
Logical Drive Status	Rebuild aborted due to read error, logical drive 00000000. Replacement drive 7 Error drive 9 Big replacement drive 0x90 Big error drive 0x92 02-18-2008 09:36:08
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive ready for recovery operation. New logical drive state: Logical drive is currently recovering. Old Spare Status: 00000000 New Spare Status: 00000000 04-17-2008 09:10:46
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive is currently recovering. New logical drive state: Logical drive ready for recovery operation. Old Spare Status: 00000000 New Spare Status: 00000000 04-17-2008 09:13:19
Logical Drive Status	Rebuild aborted due to read error, logical drive 00000000. Replacement drive 7 Error drive 9 Big replacement drive 0x90 Big error drive 0x92 04-17-2008 09:13:19
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive ready for recovery operation. New logical drive state: Logical drive is currently recovering. Old Spare Status: 00000000 New Spare Status: 00000000 05-13-2008 08:16:20
Logical Drive Status	State change, logical drive 00000000. Previous logical drive state: Logical drive is currently recovering. New logical drive state: Logical drive ready for recovery operation. Old Spare Status: 00000000 New Spare Status: 00000000 05-13-2008 08:18:45
Logical Drive Status	Rebuild aborted due to read error, logical drive 00000000. Replacement drive 7 Error drive 9 Big replacement drive 0x90 Big error drive 0x92 05-13-2008 08:18:45