

TS7700 Release Notes - 8.41.200.105 (R4.1 Phase 2a)

IBM System Storage TS7700

Release Notes for the TS7700 (3957 VEC / VEB / V07)

- EC: N99427 released February 19, 2018

New Function Supported:

- **16GB FICON**
- **Compression Enhancements**

TS7700 CODE REQUIREMENTS

Hydra	8.41.200.105 (EC N99427, PN 02CE657, 02CE658, 02CE659 (DVD 1, 2, & 3))
DB2	11.1.0.0 Informational tokens: "DB2 v11.1.0.0", "s1606081100", "DYN1606081100AIX", and Fix Pack "0"
AIX Base Level	7.1.4.30
AIX Fixpack	7100-04-03-1642+02
P8 Server Firmware	FW860.20
TS4500 (Anaconda) Firmware	1410-A00
TS3500 (Anaconda) Firmware	G030
3592 J1A Tape Drive	D310_C90
3592 E05 Tape Drive	D311_F1F
3592 E06 Tape Drive	D312_883
3592 E07 Tape Drive	D313_B87
3592 E08 Tape Drive	D314_7A9
TSSC	8.4.4
TSSC Documentation	Pending
3956-CC9/CS9/CSA Firmware	08.20.25.00
Storage Manager GUI	11.20.0G05.0018
TKLM	TKLM v2 2.0.0.2, 2.0.0.5
ISKLM	2.6.0.0
Atape	13.0.15.0
GPFS	Release 4.2.2 PTF 7 code
ITDT	9.0.1.20160222
AIX Diagnostics CD	V7.2.0.0
16Gbit Cisco Switch Firmware	BIOS level 2.1.17 Kickstart software level 6.2(9) System software level 6.2(9)
Mandatory VTD EXECs	None

Platform Requirements Matrix

Test	Software Level
zOS	V2R3
zTPF	1.1
zVM	6.3, 6,4
zVSE	5.2, 6.1, 6.2

Switch and Channel Extender Support Matrix

Product Vendor and Model	Product Levels of Microcode supported	TS7700 levels of microcode supported
Brocade DCX IBM 2499-384 (SAN768B) Nortel 10Gb/sec MOTR card supported End of Support: 11/14/2019	7.4.1b, 7.4.1d, 7.4.2a	8.41.200.105
Brocade DCX-4S IBM 2499-192 (SAN384B) Nortel 10Gb/sec MOTR card supported End of Support: 11/14/2019	7.4.1b, 7.4.1d, 7.4.2a	8.41.200.105
Brocade 8510-8 IBM 2499-816 (SAN768B-2) Brocade 8510-4 IBM 2499-416 (SAN384B-2)	7.4.1b, 7.4.1d, 7.4.2a, 8.0.1b, 8.0.2b, 8.1.0c	8.41.200.105

Brocade 7800 IBM 2498-R06 (SAN06B-R) Brocade 6510	7.4.1b, 7.4.1d	8.41.200.105
IBM 2498-F48 8, 16 GB/sec (SAN48B-5)	7.4.1b, 7.4.1d, 7.4.2a, 8.0.1b, 8.0.2b, 8.1.0c	8.41.200.105
Brocade 7840 IBM 2498-R42 (SAN42B-R)	7.4.1b, 7.4.1d, 7.4.2a, 8.0.1b, 8.0.2b, 8.1.0c	8.41.200.105
Brocade X6-4 IBM 8961-F0 (SAN256B-6) Brocade X6-8 IBM 8961-F08 (SAN 512B-6)	8.0.1b, 8.0.2b, 8.1.0c	8.41.200.105
Cisco MDS9506 IBM 2062-D04 IBM 2054-E04	6.2.11c/6.2.11d, 6.2(11e)	8.41.200.105
Cisco MDS9509 IBM 2062-D07 IBM 2054-E07	6.2.11c/6.2.11d, 6.2(11e) 12, 24 & 48 port blades only	8.41.200.105
Cisco MDS9513 IBM 2062-E11 IBM 2054-E11	6.2.11c/6.2.11d, 6.2(11e) 12, 24 & 48 port blades only	8.41.200.105

Cisco MDS9222i	6.2.11c/6.2.11d, 6.2(11e) 12, 24 & 48 port blades only	8.41.200.105
Cisco MDS9250i	6.2.11c/6.2.11d, 6.2(11e)	8.41.200.105
Cisco MDS9710	6.2.11c/6.2.11d, 6.2(11e) 12, 24 & 48 port blades only	8.41.200.105

PROBLEM FIXES:

Problems fixed in this level are described below. There are 78 enhancements/defects fixed in this release; 11 defects occurred or were related to problems in client installations. They are described below with the following designations:

HIPER = High Impact & Pervasive

High Impact = Loss of access or loss of data

Acute = A unrecoverable error with potential loss of data

Serious = A unrecoverable error with potential loss of access to data

Moderate = A system path is not operational and performance might be degraded

Service = A recoverable error, Service Improvements

Improvement = Improvement for better usability

Pervasive: problems with 3 or more occurrences

High Impact: When LI REQ EXISTDEL setting is configured with the options CRITERIA (ALL) and WHEN (AUTO), EXISTDEL could delete the last consistent copy in the Grid unexpectedly.

Pervasive: No

Ref: 84488

Serious: Private LVOLs written from BOT on 4.1.2 cluster cannot be read by another cluster at a lower code level when LVOL previously had data on it.

Pervasive: No

Ref: 84602

Serious: Changing dataclass of volumes existing before 4.1.2 code level to new compression method (LZ4 or ZSTD) causes LVOLs to be unreadable.

Pervasive: No

Ref: 84588

Serious: Adapter panic causes PCIe error and invoking EEH.

Pervasive: No

Ref: 84354

Serious: Manual reboot of Hydra is required in some cases to recover from a ficon device driver CHECK1 condition. This recovery should be automatic with an immediate reboot.

Pervasive: No

Ref: 84249

Serious: Fix ficon MES to allow user to change options

Pervasive: No

Ref: 84101

Serious: False error reported about i/o drawers after rebooting the box.

Pervasive: No

Ref: 84032

Moderate: Customer defined management interface usernames may lose access after a successful copy export recovery.

Pervasive: No

Ref: 81907

Service: Task tracking record not created when a ddm is manually replaced

Pervasive: No

Ref: 84336

Service: Errors surfaced when capturing db2 support data

Pervasive: No

Ref: 83509