

TS7700 Release Notes - 8.50.0.140 (R5.0 PGA0)

IBM System Storage TS7700

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

- EC: P24977 released March 6, 2020

New Function Supported:

- **None**

TS7700 CODE REQUIREMENTS

TS7700	8.50.0.140 (EC P24977, PN 02XW431, 02XW432, 02XW433, and 02XW434 (DVD 1, 2, 3 & 4))
DB2	v11.1.4.4 Informational tokens are "DB2 v11.1.4.4", "s1902261400", "DYN1902261400AIX", and Fix Pack "4a"
AIX Base Level	7.2.3.15
AIX Fixpack	7200-03-02-1846+01
P9 Server Firmware	FW930.03 (VL930_068)
P8 Server Firmware	FW860.70 (SV860_205)
TCT	Version=1.1.7
Cloud Support	IBM Cloud Object Storage System (COS) appliance solution Version 3.13.1 April Maintenance Release (Storage_COSS_3.13.1.34) / S3 Protocol AWS, S3 Protocol
TS4500 (Anaconda) Firmware	1503-500 1601-B00
TS3500 (Anaconda) Firmware	H010
3592 J1A Tape Drive 3592 E05 Tape Drive 3592 E06 Tape Drive 3592 E07 Tape Drive 3592 E08 Tape Drive	D3I0_C90 D3I1_F1F D3I2_883 D3I3_D88 D3I3_DCB D3I4_990 D3I4_A14
TSSC	8.7.6 EC: M14485, PN: 02XV969
3956-CSB (2072-312 V5030E) Firmware	8.2.1.5 Code Build iFix: 147.16.1905201712024
HDD (3956-CSB)	Seagate Tatsu Non-SED 7200 rpm, 10TB, SAS 12Gb/s 4Kn / FW lvl BCGA Seagate Mobula Non-SED 7200 rpm, 10TB, SAS 12Gb/s 4Kn

	/ FW lvi BCH7
3956-CSA Firmware Storage Manager GUI	08.30.50.00 11.30.6528.0 - 02PY212 - CDRom TSSC Storage Manager GUI v11.30.0A05.0028 for Hydra 64-bit Source
ISKLM	2.6.0.0
Atape	13.0.34.0
GPFS	GPFS Release 5.0.3
ITDT	9.3.1.20190326
AIX Diagnostics CD	Version 7.2
16Gbit Cisco Switch Firmware	BIOS level 2.1.17 Kickstart software level 6.2(9) System software level 6.2(9)
VTD EXECs	Note: These VTD_EXECs are included in 8.50.0.140, and there's no need to install them again. VTD_EXEC.103 - System Check out updates VTD_EXEC.269 - Security Enhancement Update VTD_EXEC.332 - Ensure active primary partitions are created for Tape Attached R5.0 clusters VTD_EXEC.335 - Prevent unexpected Premig Throttle behavior VTD_EXEC.337 - Fix for gridmgr leak which can cause job abends VTD_EXEC.339 - Fix for drives going offline with 8.50.0.134 after the loss of both drive paths to a tape drive VTD_EXEC.340 - Important fixes on 16Gbps FICON adapter code VTD_EXEC.342 - Update VED WWNN/WWPN to avoid confilicts VTD_EXEC.343 - OOM issue on Liberty server (MI)

PROBLEM FIXES:

Problems fixed in this level are described below. There are 14 enhancements/defects fixed in this release; 8 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 = An unrecoverable error with potential loss of data

Serious = An 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

Serious: TS7700 could reboot due to the loss of both tape drive paths while online with tape I/O

Pervasive: No

Reference: 89381

Serious: Ficon panic on a write

Pervasive: YES

Reference: 89135

Serious: Perform a first time data capture to trace a ficon panic

Pervasive: No

Reference: 89039

Serious: Memory leak causes the MI to lock up

Pervasive: YES

Reference: 89347

Moderate: logical paths lost, logical paths recovered

Pervasive: No

Reference: 88860

Moderate: Drives Going Offline After One Drive is Pulled Out And Rebooting TS7700

Pervasive: No

Reference: 89283

Moderate: CD - customer can't use MI as not responding timely and command line is slow

Pervasive: No

Reference: 88868

Moderate: World wide port number not correct for ficon port 0 on VED

Pervasive: YES

Reference: 89388