

# **TS7700 VTD\_EXEC Release Notes**

**IBM System Storage TS7700**

**Release Notes for TS7700 (3957 VED / 3957 VEC) VTD\_EXEC**

- Released April 30, 2021

## **PROBLEM FIXES:**

Known field issues fixed in the various VTD\_EXEC are described below.

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

## **vtd\_exec release 04/30/2021**

### **vtd\_exec.103 v1.89**

Serious: Call Home code is calling out a DDM that had just been replaced

Pervasive: No

Reference: 91262

### **vtd\_exec.347 v1.03**

Serious: Fixed issue resulting in increased 10TB DDM fallout

Pervasive: No

Reference: 91222

### **vtd\_exec.358 v1.02**

Re-release of fix provided with vtd\_exec.358 v1.01 for various code level now for R5.1 GA (8.51.0.63)

### **vtd\_exec.365 v1.01**

Updated Firmware for server internal HDD and SSD

### **vtd\_exec.366 v1.02**

Re-release of fix provided with vtd\_exec.366 v1.01 for various code level now for R5.1 GA (8.51.0.63)

### **vtd\_exec.367 v1.00**

Moderate: Fixed issue where disk cache capacity is improperly reported after installing R5.1

Pervasive: No

Reference: 91267

## **vtd\_exec release 03/29/2021**

### **vtd\_exec.269 v1.18**

Security improvements - <https://www.ibm.com/support/pages/node/6420469>

### **vtd\_exec.358 v1.01**

Moderate: Volumes not migrated out of cache when cloud attached - cache shows over-committed on partition 1

Pervasive: No

Reference: 90637

### **vtd\_exec.366 v1.01**

Serious: Database re-org fails to run due to missing hourly database statistics

Pervasive: No

Reference: 89977

Serious: Adding reorg fix from vtd\_exec.366 v1.01 missing binaries for 8.51.0.63

Pervasive: No

Reference: 91349

Service: Fixed issue where online reorg may skip index reorg

Pervasive: No

Reference: 91106

## **vtd\_exec release 02/19/2021**

### **vtd\_exec.343 v1.07**

Moderate: Management interface does not report licensed feature codes when vtd\_exec.343 v1.06 is installed

Pervasive: No

Reference: 90844

### **vtd\_exec.363 v1.00**

Fixed problem to address potential memory leak when using SDT and grid copy issue

## **vtd\_exec release 01/25/2021**

### **vtd\_exec.347 v1.02**

Moderate: Cache firmware update for CSB and XSB cache types with mixed DDMs

Pervasive: No

Reference: 90848

### **vtd\_exec.900 v1.02**

TS7700 Management Interface performance improvements, plus fixes from vtd\_exec.900 v1.00

## **vtd\_exec release 12/23/2020**

### **vtd\_exec.355 v1.06**

Serious: Potential external key manager access issue after code update

Pervasive: No

Reference: 90578

Serious: Fixed issue where DDM firmware update could run for long time

Pervasive: No

Reference: 90711

Serious: Regeneration of keys for CSB cache type for External and Local encryption types is only happening for String0 (base cache)

Pervasive: No

Reference: 90725

**vtd\_exec release 12/18/2020**

**vtd\_exec.347 v1.01**

Serious: Cache firmware update for CSB and XSB cache types

Pervasive: YES

Reference: 89787



## **vtd\_exec release 12/01/2020**

### **vtd\_exec.103 v1.88**

Serious: Detect low TX power on Bluefish FCP adapter, report error and generate a call home  
Pervasive: No  
Reference: 90516

### **vtd\_exec.256 v1.03**

Usability improvements for SSR service interface

### **vtd\_exec.269 v1.17**

Security improvements - <https://www.ibm.com/support/pages/node/6374032>

### **vtd\_exec.343 v1.06**

TS7700 Management Interface performance improvements

## **vtd\_exec release 10/26/2020**

### **vtd\_exec.205 v1.06**

Serious: Filesystem filled during log collection

Pervasive: No

Reference: 90023

Improvement: Log collection may not gather all required logs

Pervasive: No

Reference: 90025

### **vtd\_exec.279 v1.10**

Security improvements - <https://www.ibm.com/support/pages/node/6353443>

### **vtd\_exec.355 v1.03**

Serious: Potential performance issue after backend disk cache MES

Pervasive: No

Reference: 90494

## **vtd\_exec release 09/30/2020**

### **vtd\_exec.182 v1.27**

Serious: During join/merge operation an existing I/O running cluster may fail to mount a new vol

Pervasive: No

Reference: 90352

### **vtd\_exec.343 v1.04**

Serious: Management interface performance enhancements

Pervasive: No

Reference: 90056

### **vtd\_exec.355 v1.02**

Service: Improve encryption return codes for proper system health status

Pervasive: No

Reference: 90241

**vtd\_exec release 09/28/2020**

**vtd\_exec.900 v1.00**

Improved handling for Dual Control

## **vtd\_exec release 08/31/2020**

### **vtd\_exec.269 v1.16**

Security improvements - <https://www.ibm.com/support/pages/node/6260995>

### **vtd\_exec.346 v1.02**

Add support for additional 8TB DDM FRU for 3956-CSA

### **vtd\_exec.357 v1.01**

Serious: Reduce online time for TS7760 when updating microcode from 8.4x to 8.5x level

Pervasive: No

Reference: 90184