# **Technical Support Bulletin**

# Data Issue with Ultrastar DC SS200 Drives with SFA OS DCR



ALERT! HGST Ultrastar DC SS200 SSDs installed on storage platforms running SFA OS 11.8.3 experience T10-PI data errors that may put customer data at risk.

#### **Issue Summary**

HGST Ultrastar DC SS200 SSDs may experience T10-PI data errors on storage platforms running SFA OS 11.8.3. The errors occur following virtual disk (VD) creation, or after client/host unmap/trim/discard operations such as those performed by EXAScaler. These errors may put customer data at risk.

**ALERT!** If your SFA storage system houses HGST Ultrastar DC SS200 SSDs, **contact DDN Support** IMMEDIATELY for assistance.

### **Affected Systems and Drives**

SFA OS 11.8.3 is affected by this issue. Legacy RAID versions of SFA OS (3.1.x and prior) are not affected.

The T10-PI issue is seen with drive firmware version Y15D/X15D running on HGST SSD models listed in the table below. All **Product IDs** beginning with the prefix SDLL1 in show pd \* output are vulnerable.

Vendor	Model/Product ID
HGST	SDLL1CLR016TCCA1
HGST	SDLL1CLR016TCDA1
HGST	SDLL1CLR020TCCA1
HGST	SDLL1CLR020TCDA1
HGST	SDLL1DLR400GCCA1
HGST	SDLL1DLR400GCDA1
HGST	SDLL1DLR480GCCA1
HGST	SDLL1DLR480GCDA1
HGST	SDLL1DLR800GCCA1
HGST	SDLL1DLR800GCDA1
HGST	SDLL1DLR960GCCA1
HGST	SDLL1DLR960GCDA1
HGST	SDLL1HLR076TCCA1

Vendor	Model/Product ID
HGST	SDLL1HLR076TCDA1
HGST	SDLL1MLR032TCCA1
HGST	SDLL1MLR032TCDA1
HGST	SDLL1MLR038TCCA1
HGST	SDLL1MLR038TCDA1

# **Determining Whether You Should Take Action**

To determine whether your SFA system has HGST Ultrastar DC SS200 drives installed, enter the following at the SFA command line:

```
show pd *
```

In the command output, drives whose **Product ID** begins with **SDLL1** are subject to the T10-PI issue. For example:

If you find any of the affected drive models installed, contact DDN Support immediately for assistance.

#### Resolution

A fix to the T10-PI issue with HGST Ultrastar DC SS200 drives is forthcoming in a future release of SFA OS.

#### **Contacting DDN Technical Support**

Please contact DDN Technical Support at any time if you have questions or need assistance. Support can be reached by phone, by email, or on the web as listed below.

#### Web

DDN Community Support Portal
Portal Assistance

https://community.ddn.com/login webportal.support@ddn.com

#### **Email**

Support Email support@ddn.com

#### Telephone

DDN Support Worldwide Directory https://www.ddn.com/support/global-services-overview/

## **Bulletins & Notices**

Support Bulletins http://www.ddn.com/support/technical-support-bulletins

End-of-Life Notices http://www.ddn.com/support/end-of-life-notices

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