



ETERNUS CUSTOMER INFORMATION BULLETIN

Number/Revision:

ET-CIB133-00

Issue Date:

26 April 2021

Title:

Deduplication/Compression volume may get I/O errors if source of EC or REC replication

Applies to:

ETERNUS DX100 S3, DX200 S3, DX500 S3, DX600 S3
ETERNUS DX100 S4, DX200 S4, DX500 S4, DX600 S4
ETERNUS AF250 S1, AF250 S2, AF650 S1, AF650 S2

Related Documents:**Effective Duration:**

Until further notice is given

Summary:

If the target volume of an EC or REC replication is a Deduplicated and Compressed volume, a write I/O followed by a read I/O could result in data not being read properly or the write I/O becoming an error. The replication session would transition to an Error Suspend state.

Details:

The condition may occur with the following conditions:

- ETERNUS Firmware version is V10L80-0000.
- The target volume has both the deduplication and compression attributes assigned.
- The volume is part of one of the “copy” functions below:
 - EC or REC
 - Storage Cluster
 - RAID Migration

The result of this error would be that the “read” I/O may not get the correct data after a write I/O ends normally. Another symptom is that the write I/O may end in error. The “copy” functions would end in an error state.

ETERNUS firmware version V10L88-3000 or above should be installed to correct this issue.



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Revision History

REVISION	DATE	CHANGE SUMMARY
00	26-Apr-2021	Initial Release based on JB85005-01