



# Backup and restore error messages

## ONTAP 9

NetApp  
December 04, 2021

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# Backup and restore error messages

## Resource limitation: no available thread

- **Message**

Resource limitation: no available thread

- **Cause**

The maximum number of active local tape I/O threads is currently in use. You can have a maximum of 16 active local tape drives.

- **Corrective action**

Wait for some tape jobs to finish before starting a new backup or restore job.

## Tape reservation preempted

- **Message**

Tape reservation preempted

- **Cause**

The tape drive is in use by another operation or the tape has been closed prematurely.

- **Corrective action**

Ensure that the tape drive is not in use by another operation and that the DMA application has not aborted the job and then retry.

## Could not initialize media

- **Message**

Could not initialize media

- **Cause**

You might get this error for one of the following reasons:

- The tape drive used for the backup is corrupt or damaged.
- The tape does not contain the complete backup or is corrupt.
- The maximum number of active local tape I/O threads is currently in use.

You can have a maximum of 16 active local tape drives.

- **Corrective action**

- If the tape drive is corrupt or damaged, retry the operation with a valid tape drive.

- If the tape does not contain the complete backup or is corrupt, you cannot perform the restore operation.
- If tape resources are not available, wait for some of the backup or restore jobs to finish and then retry the operation.

## Maximum number of allowed dumps or restores (maximum session limit) in progress

- **Message**

Maximum number of allowed dumps or restores (*maximum session limit*) in progress

- **Cause**

The maximum number of backup or restore jobs is already running.

- **Corrective action**

Retry the operation after some of the currently running jobs have finished.

## Media error on tape write

- **Message**

Media error on tape write

- **Cause**

The tape used for the backup is corrupted.

- **Corrective action**

Replace the tape and retry the backup job.

## Tape write failed

- **Message**

Tape write failed

- **Cause**

The tape used for the backup is corrupted.

- **Corrective action**

Replace the tape and retry the backup job.

## Tape write failed - new tape encountered media error

- **Message**

Tape write failed - new tape encountered media error

- **Cause**

The tape used for the backup is corrupted.

- **Corrective action**

Replace the tape and retry the backup.

## Tape write failed - new tape is broken or write protected

- **Message**

Tape write failed - new tape is broken or write protected

- **Cause**

The tape used for the backup is corrupted or write-protected.

- **Corrective action**

Replace the tape and retry the backup.

## Tape write failed - new tape is already at the end of media

- **Message**

Tape write failed - new tape is already at the end of media

- **Cause**

There is not enough space on the tape to complete the backup.

- **Corrective action**

Replace the tape and retry the backup.

## Tape write error

- **Message**

Tape write error - The previous tape had less than the required minimum capacity, size MB, for this tape operation, The operation should be restarted from the beginning

- **Cause**

The tape capacity is insufficient to contain the backup data.

- **Corrective action**

Use tapes with larger capacity and retry the backup job.

## Media error on tape read

- **Message**

Media error on tape read

- **Cause**

The tape from which data is being restored is corrupted and might not contain the complete backup data.

- **Corrective action**

If you are sure that the tape has the complete backup, retry the restore operation. If the tape does not contain the complete backup, you cannot perform the restore operation.

## Tape read error

- **Message**

Tape read error

- **Cause**

The tape drive is damaged or the tape does not contain the complete backup.

- **Corrective action**

If the tape drive is damaged, use another tape drive. If the tape does not contain the complete backup, you cannot restore the data.

## Already at the end of tape

- **Message**

Already at the end of tape

- **Cause**

The tape does not contain any data or must be rewound.

- **Corrective action**

If the tape does not contain data, use the tape that contains the backup and retry the restore job. Otherwise, rewind the tape and retry the restore job.

## Tape record size is too small. Try a larger size.

- **Message**

Tape record size is too small. Try a larger size.

- **Cause**

The blocking factor specified for the restore operation is smaller than the blocking factor that was used during the backup.

- **Corrective action**

Use the same blocking factor that was specified during the backup.

## Tape record size should be `block_size1` and not `block_size2`

- **Message**

Tape record size should be `block_size1` and not `block_size2`

- **Cause**

The blocking factor specified for the local restore is incorrect.

- **Corrective action**

Retry the restore job with `block_size1` as the blocking factor.

## Tape record size must be in the range between 4KB and 256KB

- **Message**

Tape record size must be in the range between 4KB and 256KB

- **Cause**

The blocking factor specified for the backup or restore operation is not within the permitted range.

- **Corrective action**

Specify a blocking factor in the range of 4 KB to 256 KB.

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