SMTape error messages
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SMTape error messages

Chunks out of order

• Message
  Chunks out of order

• Cause
  The backup tapes are not being restored in the correct sequence.

• Corrective action
  Retry the restore operation and load the tapes in the correct sequence.

Chunk format not supported

• Message
  Chunk format not supported

• Cause
  The backup image is not of SMTape.

• Corrective action
  If the backup image is not of SMTape, retry the operation with a tape that has the SMTape backup.

Failed to allocate memory

• Message
  Failed to allocate memory

• Cause
  The system has run out of memory.

• Corrective action
  Retry the job later when the system is not too busy.

Failed to get data buffer

• Message
  Failed to get data buffer
• Cause
The storage system ran out of buffers.

• Corrective action
Wait for some storage system operations to finish and then retry the job.

**Failed to find snapshot**

• Message
Failed to find snapshot

• Cause
The Snapshot copy specified for the backup is unavailable.

• Corrective action
Check if the specified Snapshot copy is available. If not, retry with the correct Snapshot copy.

**Failed to create snapshot**

• Message
Failed to create snapshot

• Cause
The volume already contains the maximum number of Snapshot copies.

• Corrective action
Delete some Snapshot copies and then retry the backup operation.

**Failed to lock snapshot**

• Message
Failed to lock snapshot

• Cause
The Snapshot copy is either in use or has been deleted.

• Corrective action
If the Snapshot copy is in use by another operation, wait for that operation to finish and then retry the backup. If the Snapshot copy has been deleted, you cannot perform the backup.
**Failed to delete snapshot**

- **Message**
  
  Failed to delete snapshot

- **Cause**
  
  The auto Snapshot copy could not be deleted because it is in use by other operations.

- **Corrective action**
  
  Use the `snap` command to determine the status of the Snapshot copy. If the Snapshot copy is not required, delete it manually.

**Failed to get latest snapshot**

- **Message**
  
  Failed to get latest snapshot

- **Cause**
  
  The latest Snapshot copy might not exist because the volume is being initialized by SnapMirror.

- **Corrective action**
  
  Retry after initialization is complete.

**Failed to load new tape**

- **Message**
  
  Failed to load new tape

- **Cause**
  
  Error in tape drive or media.

- **Corrective action**
  
  Replace the tape and retry the operation.

**Failed to initialize tape**

- **Message**
  
  Failed to initialize tape

- **Cause**
You might get this error message for one of the following reasons:

- The backup image is not of SMTape.
- The tape blocking factor specified is incorrect.
- The tape is corrupt or damaged.
- The wrong tape is loaded for restore.

- **Corrective action**
  - If the backup image is not of SMTape, retry the operation with a tape that has SMTape backup.
  - If the blocking factor is incorrect, specify the correct blocking factor and retry the operation.
  - If the tape is corrupt, you cannot perform the restore operation.
  - If the wrong tape is loaded, retry the operation with the correct tape.

**Failed to initialize restore stream**

- **Message**
  
  Failed to initialize restore stream

- **Cause**
  
  You might get this error message for one of the following reasons:

  - The backup image is not of SMTape.
  - The tape blocking factor specified is incorrect.
  - The tape is corrupt or damaged.
  - The wrong tape is loaded for restore.

- **Corrective action**
  
  - If the backup image is not of SMTape, retry the operation with a tape that has the SMTape backup.
  - If the blocking factor is incorrect, specify the correct blocking factor and retry the operation.
  - If the tape is corrupt, you cannot perform the restore operation.
  - If the wrong tape is loaded, retry the operation with the correct tape.

**Failed to read backup image**

- **Message**
  
  Failed to read backup image

- **Cause**
  
  The tape is corrupt.

- **Corrective action**
  
  If the tape is corrupt, you cannot perform the restore operation.
Image header missing or corrupted

- **Message**
  
  Image header missing or corrupted

- **Cause**

  The tape does not contain a valid SMTape backup.

- **Corrective action**

  Retry with a tape containing a valid backup.

Internal assertion

- **Message**

  Internal assertion

- **Cause**

  There is an internal SMTape error.

- **Corrective action**

  Report the error and send the `etc/log/backup` file to technical support.

Invalid backup image magic number

- **Message**

  Invalid backup image magic number

- **Cause**

  The backup image is not of SMTape.

- **Corrective action**

  If the backup image is not of SMTape, retry the operation with a tape that has the SMTape backup.

Invalid backup image checksum

- **Message**

  Invalid backup image checksum

- **Cause**

  The tape is corrupt.
• Corrective action

If the tape is corrupt, you cannot perform the restore operation.

Invalid input tape

• Message

Invalid input tape

• Cause

The signature of the backup image is not valid in the tape header. The tape has corrupted data or does not contain a valid backup image.

• Corrective action

Retry the restore job with a valid backup image.

Invalid volume path

• Message

Invalid volume path

• Cause

The specified volume for the backup or restore operation is not found.

• Corrective action

Retry the job with a valid volume path and volume name.

Mismatch in backup set ID

• Message

Mismatch in backup set ID

• Cause

The tape loaded during a tape change is not a part of the backup set.

• Corrective action

Load the correct tape and retry the job.

Mismatch in backup time stamp

• Message
Mismatch in backup time stamp

- **Cause**
  The tape loaded during a tape change is not a part of the backup set.

- **Corrective action**
  Use the `smtape restore -h` command to verify the header information of a tape.

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Job aborted due to shutdown

- **Message**
  Job aborted due to shutdown

- **Cause**
  The storage system is being rebooted.

- **Corrective action**
  Retry the job after the storage system reboots.

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Job aborted due to Snapshot autodelete

- **Message**
  Job aborted due to Snapshot autodelete

- **Cause**
  The volume does not have enough space and has triggered the automatic deletion of Snapshot copies.

- **Corrective action**
  Free up space in the volume and retry the job.

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Tape is currently in use by other operations

- **Message**
  Tape is currently in use by other operations

- **Cause**
  The tape drive is in use by another job.

- **Corrective action**
  Retry the backup after the currently active job is finished.
Tapes out of order

• Message
  Tapes out of order

• Cause
  The first tape of the tape sequence for the restore operation does not have the image header.

• Corrective action
  Load the tape with the image header and retry the job.

Transfer failed (Aborted due to MetroCluster operation)

• Message
  Transfer failed (Aborted due to MetroCluster operation)

• Cause
  The SMTape operation is aborted because of a switchover or switchback operation.

• Corrective action
  Perform the SMTape operation after the switchover or switchback operation finishes.

Transfer failed (ARL initiated abort)

• Message
  Transfer failed (ARL initiated abort)

• Cause
  While an SMTape operation is in progress if an aggregate relocation is initiated, then the SMTape operation is aborted.

• Corrective action
  Perform the SMTape operation after the aggregate relocation operation finishes.

Transfer failed (CFO initiated abort)

• Message
  Transfer failed (CFO initiated abort)

• Cause
The SMTape operation is aborted because of a storage failover (takeover and giveback) operation of a CFO aggregate.

• **Corrective action**
  Perform the SMTape operation after the storage failover of the CFO aggregate finishes.

**Transfer failed (SFO initiated abort)**

• **Message**
  Transfer failed (SFO initiated abort)

• **Cause**
  The SMTape operation is aborted because of a storage failover (takeover and giveback) operation.

• **Corrective action**
  Perform the SMTape operation after the storage failover (takeover and giveback) operation finishes.

**Underlying aggregate under migration**

• **Message**
  Underlying aggregate under migration

• **Cause**
  If an SMTape operation is initiated on an aggregate that is under migration (storage failover or aggregate relocation), then the SMTape operation fails.

• **Corrective action**
  Perform the SMTape operation after the aggregate migration finishes.

**Volume is currently under migration**

• **Message**
  Volume is currently under migration

• **Cause**
  Volume migration and SMTape backup cannot run simultaneously.

• **Corrective action**
  Retry the backup job after the volume migration is complete.
Volume offline

• **Message**
  
  Volume offline

• **Cause**
  
  The volume being backed up is offline.

• **Corrective action**
  
  Bring the volume online and retry the backup.

Volume not restricted

• **Message**
  
  Volume not restricted

• **Cause**
  
  The destination volume to which data is being restored is not restricted.

• **Corrective action**
  
  Restrict the volume and retry the restore operation.