Backup and restore error messages

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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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