



# **What the dump and restore event log message format is**

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# What the dump and restore event log message format is

## Dump and restore event log message format overview

For each dump and restore event, a message is written to the backup log file.

The format of the dump and restore event log message is as follows:

```
type timestamp identifier event (event_info)
```

The following list describes the fields in the event log message format:

- Each log message begins with one of the type indicators described in the following table:

| Type | Description   |
|------|---------------|
| log  | Logging event |
| dmp  | Dump event    |
| rst  | Restore event |

- `timestamp` shows the date and time of the event.
- The `identifier` field for a dump event includes the dump path and the unique ID for the dump. The `identifier` field for a restore event uses only the restore destination path name as a unique identifier. Logging-related event messages do not include an `identifier` field.

## What logging events are

The event field of a message that begins with a log specifies the beginning of a logging or the end of a logging.

It contains one of the events shown in the following table:

| Event         | Description  |
|---------------|--|
| Start_Logging | Indicates the beginning of logging or that logging has been turned back on after being disabled. |
| Stop_Logging  | Indicates that logging has been turned off.  |

## What dump events are

The event field for a dump event contains an event type followed by event-specific information within parentheses.

The following table describes the events, their descriptions, and the related event information that might be recorded for a dump operation:

| Event        | Description   | Event information  |
|--------------|---|--|
| Start        | NDMP dump is started  | Dump level and the type of dump                                  |
| End          | Dumps completed successfully                                | Amount of data processed   |
| Abort        | The operation is cancelled                                  | Amount of data processed   |
| Options      | Specified options are listed                                | All options and their associated values, including NDMP options  |
| Tape_open    | The tape is open for read/write                             | The new tape device name   |
| Tape_close   | The tape is closed for read/write                           | The tape device name   |
| Phase-change | A dump is entering a new processing phase                   | The new phase name   |
| Error        | A dump has encountered an unexpected event                  | Error message  |
| Snapshot     | A Snapshot copy is created or located                       | The name and time of the Snapshot copy                           |
| Base_dump    | A base dump entry in the internal metafile has been located | The level and time of the base dump (for incremental dumps only) |

## What restore events are

The event field for a restore event contains an event type followed by event-specific information in parentheses.

The following table provides information about the events, their descriptions, and the related event information that can be recorded for a restore operation:

| Event | Description                     | Event information                            |
|-------|---------------------------------|--|
| Start | NDMP restore is started         | Restore level and the type of restore        |
| End   | Restores completed successfully | Number of files and amount of data processed |

| <b>Event</b> | <b>Description</b>                         | <b>Event information</b>  |
|--------------|--|---|
| Abort        | The operation is cancelled                 | Number of files and amount of data processed                    |
| Options      | Specified options are listed               | All options and their associated values, including NDMP options |
| Tape_open    | The tape is open for read/write            | The new tape device name  |
| Tape_close   | The tape is closed for read/write          | The tape device name  |
| Phase-change | Restore is entering a new processing phase | The new phase name  |
| Error        | Restore encounters an unexpected event     | Error message   |

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