



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 |

| Event | Description | Event information |
|--------------|--------------------------------------------|-----------------------------------------------------------------|
| 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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