



## **lsm events**

### **ONTAP EMS reference**

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# Ism events

## Ism.merge events

### Ism.merge.alog.problem

#### Severity

NOTICE

#### Description

This message occurs when a block store encounters an error while merging an append log. Normally these merges should recover, but it is important to keep track of exactly when and where the problem happened to help with performance tuning and recovery options.

#### Corrective Action

(None).

#### Syslog Message

Block store LSM "%u" (level %u) of keyspace "%u" on volume "%s" has encountered the following error while merging an append log: "%u : %s"

#### Parameters

**Ism\_id** (INT): LSM identifier.  
**Ism\_level** (INT): LSM level.  
**keyspace\_id** (INT): Keyspace identifier.  
**volume\_name** (STRING): Volume name.  
**error\_code** (INT): Error code.  
**error\_string** (STRING): Error string.

### Ism.merge.slog.problem

#### Severity

NOTICE

#### Description

This message occurs when a block store encounters an error while merging a sorted log. Normally these merges should recover, but it is important to keep track of exactly when and where the problem happened to help with performance tuning and recovery options.

#### Corrective Action

(None).

#### Syslog Message

Block store LSM "%u" (level %u) of keyspace "%u" on volume "%s" has encountered the following error while merging a sorted log: "%u : %s"

#### Parameters

**Ism\_id** (INT): LSM identifier.  
**Ism\_level** (INT): LSM level.  
**keyspace\_id** (INT): Keyspace identifier.

**volume\_name** (STRING): Volume name.  
**error\_code** (INT): Error code.  
**error\_string** (STRING): Error string.

## Ism.pal events

### Ism.pal.problem

#### Severity

NOTICE

#### Description

This message occurs when a block store PAL operation encounters an error. Normally these PAL operations should recover, but it is important to keep track of exactly when and where the problem happened to help with performance tuning and recovery options.

#### Corrective Action

(None).

#### Syslog Message

Block store PAL has encountered the following error while processing operation "%s": "%u"

#### Parameters

**pal\_op** (STRING): PAL operation being done.  
**error\_code** (INT): WAFL error code.

## Ism.rangedelete events

### Ism.rangeDelete.problem

#### Severity

NOTICE

#### Description

This message occurs when a block store encounters an error while performing a range delete operation. Normally these deletes should recover, but it is important to keep track of exactly when and where the problem happened to help with performance tuning and recovery options.

#### Corrective Action

(None).

#### Syslog Message

Block store LSM "%u" (level %u) of keyspace "%u" on volume "%s" has encountered the following error while performing a range delete operation: "%u : %s"

#### Parameters

**Ism\_id** (INT): LSM identifier.  
**Ism\_level** (INT): LSM level.  
**keyspace\_id** (INT): Keyspace identifier.  
**volume\_name** (STRING): Volume name.  
**error\_code** (INT): Error code.

**error\_string** (STRING): Error string.

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