



List of events and severity types

Active IQ Unified Manager 9.11

NetApp

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Table of Contents

| | |
|---|----|
| List of events and severity types | 1 |
| Aggregate events | 1 |
| Cluster events | 5 |
| Disks events | 10 |
| Enclosures events | 11 |
| Fans events | 12 |
| Flash card events | 13 |
| Inodes events | 13 |
| Network interface (LIF) events | 13 |
| LUN events | 15 |
| Management station events | 19 |
| MetroCluster Bridge events | 21 |
| MetroCluster Connectivity events | 21 |
| MetroCluster switch events | 23 |
| NVMe Namespace events | 24 |
| Node events | 26 |
| NVRAM battery events | 31 |
| Port events | 31 |
| Power supplies events | 32 |
| Protection events | 33 |
| Qtree events | 33 |
| Service processor events | 34 |
| SnapMirror relationship events | 34 |
| Asynchronous Mirror and Vault relationship events | 36 |
| Snapshot events | 38 |
| SnapVault relationship events | 38 |
| Storage failover settings events | 39 |
| Storage services events | 40 |
| Storage shelf events | 41 |
| Storage VM events | 41 |
| User and group quota events | 45 |
| Volume events | 46 |
| Volume move status events | 55 |

List of events and severity types

You can use the list of events to become more familiar with event categories, event names, and the severity type of each event that you might see in Unified Manager. Events are listed in alphabetical order by object category.

Aggregate events

Aggregate events provide you with information about the status of aggregates so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

An asterisk (*) identifies EMS events that have been converted to Unified Manager events.

| Event name(Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Aggregate Offline(ocumEvtAggregateStateOffline) | Incident | Aggregate | Critical |
| Aggregate Failed(ocumEvtAggregateStateFailed) | Incident | Aggregate | Critical |
| Aggregate Restricted(ocumEvtAggregateStateRestricted) | Risk | Aggregate | Warning |
| Aggregate Reconstructing(ocumEvtAggregateRaidStateReconstructing) | Risk | Aggregate | Warning |
| Aggregate Degraded(ocumEvtAggregateRaidStateDegraded) | Risk | Aggregate | Warning |
| Cloud Tier Partially Reachable(ocumEventCloudTierPartiallyReachable) | Risk | Aggregate | Warning |
| Cloud Tier Unreachable(ocumEventCloudTierUnreachable) | Risk | Aggregate | Error |

| Event name(Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Cloud Tier Access Denied for Aggregate Relocation *(arlNetraCaCheckFailed) | Risk | Aggregate | Error |
| Cloud Tier Access Denied for Aggregate Relocation During Storage Failover *(gbNetraCaCheckFailed) | Risk | Aggregate | Error |
| MetroCluster Aggregate Left Behind(ocumEvtMetroClusterAggregateLeftBehind) | Risk | Aggregate | Error |
| MetroCluster Aggregate Mirroring Degraded(ocumEvtMetroClusterAggregateMirrorDegraded) | Risk | Aggregate | Error |

Impact area: capacity

| Event name(Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Aggregate Space Nearly Full(ocumEvtAggregateNearlyFull) | Risk | Aggregate | Warning |
| Aggregate Space Full(ocumEvtAggregateFull) | Risk | Aggregate | Error |
| Aggregate Days Until Full(ocumEvtAggregateDaysUntilFullSoon) | Risk | Aggregate | Error |
| Aggregate Overcommitted(ocumEvtAggregateOvercommitted) | Risk | Aggregate | Error |
| Aggregate Nearly Overcommitted(ocumEvtAggregateAlmostOvercommitted) | Risk | Aggregate | Warning |

| Event name(Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Aggregate Snapshot Reserve Full(ocumEvtAggregateSnapshotReserveFull) | Risk | Aggregate | Warning |
| Aggregate Growth Rate Abnormal(ocumEvtAggregateGrowthRateAbnormal) | Risk | Aggregate | Warning |

Impact area: configuration

| Event name(Trap name) | Impact level | Source type | Severity |
|--------------------------------------|--------------|-------------|-------------|
| Aggregate Discovered(Not applicable) | Event | Aggregate | Information |
| Aggregate Renamed(Not applicable) | Event | Aggregate | Information |
| Aggregate Deleted(Not applicable) | Event | Node | Information |

Impact area: performance

| Event name(Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Aggregate IOPS Critical Threshold Breached(ocumAggregateIopsIncident) | Incident | Aggregate | Critical |
| Aggregate IOPS Warning Threshold Breached(ocumAggregateIopsWarning) | Risk | Aggregate | Warning |
| Aggregate MB/s Critical Threshold Breached(ocumAggregateMbpsIncident) | Incident | Aggregate | Critical |
| Aggregate MB/s Warning Threshold Breached(ocumAggregateMbpsWarning) | Risk | Aggregate | Warning |

| Event name(Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Aggregate Latency Critical Threshold Breached(ocumAggregateLatencyIncident) | Incident | Aggregate | Critical |
| Aggregate Latency Warning Threshold Breached(ocumAggregateLatencyWarning) | Risk | Aggregate | Warning |
| Aggregate Performance Capacity Used Critical Threshold Breached(ocumAggregatePerfCapacityUsedIncident) | Incident | Aggregate | Critical |
| Aggregate Performance Capacity Used Warning Threshold Breached(ocumAggregatePerfCapacityUsedWarning) | Risk | Aggregate | Warning |
| Aggregate Utilization Critical Threshold Breached(ocumAggregateUtilizationIncident) | Incident | Aggregate | Critical |
| Aggregate Utilization Warning Threshold Breached(ocumAggregateUtilizationWarning) | Risk | Aggregate | Warning |
| Aggregate Disks Over-utilized Threshold Breached(ocumAggregateDisksOverUtilizedWarning) | Risk | Aggregate | Warning |
| Aggregate Dynamic Threshold Breached(ocumAggregateDynamicEventWarning) | Risk | Aggregate | Warning |

Cluster events

Cluster events provide information about the status of clusters, which enables you to monitor the clusters for potential problems. The events are grouped by impact area, and include the event name, trap name, impact level, source type, and severity.

Impact area: availability

An asterisk (*) identifies EMS events that have been converted to Unified Manager events.

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Cluster Lacks Spare Disks(ocumEvtDisksNoSpare) | Risk | Cluster | Warning |
| Cluster Not Reachable(ocumEvtClusterUnreachable) | Risk | Cluster | Error |
| Cluster Monitoring Failed(ocumEvtClusterMonitoringFailed) | Risk | Cluster | Warning |
| Cluster FabricPool License Capacity Limits Breached (ocumEvtExternalCapacityTierSpaceFull) | Risk | Cluster | Warning |
| NVMe-oF Grace Period Started *(nvmfGracePeriodStart) | Risk | Cluster | Warning |
| NVMe-oF Grace Period Active *(nvmfGracePeriodActive) | Risk | Cluster | Warning |
| NVMe-oF Grace Period Expired *(nvmfGracePeriodExpired) | Risk | Cluster | Warning |
| Object Maintenance Window Started(objectMaintenanceWindowStarted) | Event | Cluster | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|-------------|
| Object Maintenance Window Ended(objectMaintenanceWindowEnded) | Event | Cluster | Information |
| MetroCluster Spare Disks Left Behind(ocumEvtSpareDiskLeftBehind) | Risk | Cluster | Error |
| MetroCluster Automatic Unplanned Switchover Disabled(ocumEvtMccAutomaticUnplannedSwitchOverDisabled) | Risk | Cluster | Warning |
| Cluster user password changed *(cluster.passwd.changed) | Event | Cluster | Information |

Impact area: capacity

| Event name(Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Cluster Capacity Imbalance Threshold Breached(ocumConformanceNodeImbalanceWarning) | Risk | Cluster | Warning |
| Cluster Cloud Tier Planning (clusterCloudTierPlanningWarning) | Risk | Cluster | Warning |
| FabricPool Mirror Replication Resync Completed *(wafIcaResyncComplete) | Event | Cluster | Warning |
| FabricPool Space Nearly Full *(fabricpoolNearlyFull) | Risk | Cluster | Error |

Impact area: configuration

| Event name(Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|-------------|
| Node Added(Not applicable) | Event | Cluster | Information |
| Node Removed(Not applicable) | Event | Cluster | Information |
| Cluster Removed(Not applicable) | Event | Cluster | Information |
| Cluster Add Failed(Not applicable) | Event | Cluster | Error |
| Cluster Name Changed(Not applicable) | Event | Cluster | Information |
| Emergency EMS received (Not applicable) | Event | Cluster | Critical |
| Critical EMS received (Not applicable) | Event | Cluster | Critical |
| Alert EMS received (Not applicable) | Event | Cluster | Error |
| Error EMS received (Not applicable) | Event | Cluster | Warning |
| Warning EMS received (Not applicable) | Event | Cluster | Warning |
| Debug EMS received (Not applicable) | Event | Cluster | Warning |
| Notice EMS received (Not applicable) | Event | Cluster | Warning |
| Informational EMS received (Not applicable) | Event | Cluster | Warning |

ONTAP EMS events are categorized into three Unified Manager event severity levels.

| | |
|--------------------------------------|--------------------------------|
| Unified Manager event severity level | ONTAP EMS event severity level |
|--------------------------------------|--------------------------------|

| | |
|----------|--|
| Critical | Emergency Critical |
| Error | Alert |
| Warning | Error Warning Debug Notice Informational |

Impact area: performance

| Event name(Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Cluster Load Imbalance Threshold Breached() | Risk | Cluster | Warning |
| Cluster IOPS Critical Threshold Breached(ocumClusterIopsIncident) | Incident | Cluster | Critical |
| Cluster IOPS Warning Threshold Breached(ocumClusterIopsWarning) | Risk | Cluster | Warning |
| Cluster MB/s Critical Threshold Breached(ocumClusterMbpsIncident) | Incident | Cluster | Critical |
| Cluster MB/s Warning Threshold Breached(ocumClusterMbpsWarning) | Risk | Cluster | Warning |
| Cluster Dynamic Threshold Breached(ocumClusterDynamicEventWarning) | Risk | Cluster | Warning |

Impact area: security

| Event name(Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| AutoSupport HTTPS Transport Disabled(ocumClusterASUPHttpsConfiguredDisabled) | Risk | Cluster | Warning |
| Log Forwarding Not Encrypted(ocumClusterAuditLogUnencrypted) | Risk | Cluster | Warning |
| Default Local Admin User Enabled(ocumClusterDefaultAdminEnabled) | Risk | Cluster | Warning |
| FIPS Mode Disabled(ocumClusterFipsDisabled) | Risk | Cluster | Warning |
| Login Banner Disabled(ocumClusterLoginBannerDisabled) | Risk | Cluster | Warning |
| Login Banner Changed(ocumClusterLoginBannerChanged) | Risk | Cluster | Warning |
| Log Forwarding Destinations Changed(ocumLogForwardDestinationsChanged) | Risk | Cluster | Warning |
| NTP Server Names Changed(ocumNtpServerNamesChanged) | Risk | Cluster | Warning |
| NTP Server Count is Low(securityConfigNTPServerCountLowRisk) | Risk | Cluster | Warning |
| Cluster Peer Communication Not Encrypted(ocumClusterPeerEncryptionDisabled) | Risk | Cluster | Warning |

| Event name(Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| SSH is Using Insecure Ciphers(ocumClusterSSH Insecure) | Risk | Cluster | Warning |
| Telnet Protocol Enabled(ocumClusterTelnetEnabled) | Risk | Cluster | Warning |
| Passwords of some ONTAP user accounts use the less secure MD5 hash function(ocumClusterMD5 PasswordHashUsed) | Risk | Cluster | Warning |
| Cluster uses self-signed Certificate(ocumClusterSelfSignedCertificate) | Risk | Cluster | Warning |
| Cluster Remote Shell is Enabled(ocumClusterRsh Disabled) | Risk | Cluster | Warning |
| Cluster Certificate About to Expire(ocumEvtClusterCertificateAboutToExpire) | Risk | Cluster | Warning |
| Cluster Certificate Expired(ocumEvtClusterCertificateExpired) | Risk | Cluster | Error |

Disks events

Disks events provide you with information about the status of disks so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Flash Disks - Spare Blocks Almost Consumed(ocumEvtClusterFlashDiskFewerSpareBlockError) | Risk | Cluster | Error |
| Flash Disks - No Spare Blocks(ocumEvtClusterFlashDiskNoSpareBlockCritical) | Incident | Cluster | Critical |
| Some Unassigned Disks(ocumEvtClusterUnassignedDisksSome) | Risk | Cluster | Warning |
| Some Failed Disks(ocumEvtDisksSomeFailed) | Incident | Cluster | Critical |

Enclosures events

Enclosures events provide you with information about the status of disk shelf enclosures in your data center so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|---------------|----------|
| Disk Shelf Fans Failed(ocumEvtShelfFanFailed) | Incident | Storage shelf | Critical |
| Disk Shelf Power Supplies Failed(ocumEvtShelfPowerSupplyFailed) | Incident | Storage shelf | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|---------------|----------|
| Disk Shelf Multipath Not Configured(ocumDiskShelfConnectivityNotInMultiPath) This event does not apply to: <ul style="list-style-type: none"> • Clusters that are in a MetroCluster configuration • The following platforms: FAS2554, FAS2552, FAS2520, and FAS2240 | Risk | Node | Warning |
| Disk Shelf Path Failure(ocumDiskShelfConnectivityPathFailure) | Risk | Storage Shelf | Warning |

Impact area: configuration

| Event name (Trap name) | Impact level | Source type | Severity |
|---------------------------------------|--------------|-------------|-------------|
| Disk Shelf Discovered(Not applicable) | Event | Node | Information |
| Disk Shelves Removed(Not applicable) | Event | Node | Information |

Fans events

Fans events provide you with information about the status fans on nodes in your data center so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| One or More Failed Fans(ocumEvtFansOneOrMoreFailed) | Incident | Node | Critical |

Flash card events

Flash card events provide you with information about the status of the flash cards installed on nodes in your data center so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Flash Cards Offline(ocumEvtFlashCardOffline) | Incident | Node | Critical |

Inodes events

Inode events provide information when the inode is full or nearly full so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: capacity

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Inodes Nearly Full(ocumEvtInodesAlmostFull) | Risk | Volume | Warning |
| Inodes Full(ocumEvtInodesFull) | Risk | Volume | Error |

Network interface (LIF) events

Network interface events provide information about the status of your network interface (LIFs), so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Network Interface Status Down(ocumEvtLifStatusDown) | Risk | Interface | Error |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| FC/FCoE Network Interface Status Down(ocumEvtFCLifStatusDown) | Risk | Interface | Error |
| Network Interface Failover Not Possible(ocumEvtLifFailoverNotPossible) | Risk | Interface | Warning |
| Network Interface Not At Home Port(ocumEvtLifNotAtHomePort) | Risk | Interface | Warning |

Impact area: configuration

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|-------------|
| Network Interface Route Not Configured(Not applicable) | Event | Interface | Information |

Impact area: performance

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Network Interface MB/s Critical Threshold Breached(ocumNetworkLifMbpsIncident) | Incident | Interface | Critical |
| Network Interface MB/s Warning Threshold Breached(ocumNetworkLifMbpsWarning) | Risk | Interface | Warning |
| FC Network Interface MB/s Critical Threshold Breached(ocumFcpLifMbpsIncident) | Incident | Interface | Critical |
| FC Network Interface MB/s Warning Threshold Breached(ocumFcpLifMbpsWarning) | Risk | Interface | Warning |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| NVMf FC Network Interface MB/s Critical Threshold Breached(ocumNvmfFcLifMbpsIncident) | Incident | Interface | Critical |
| NVMf FC Network Interface MB/s Warning Threshold Breached(ocumNvmfFcLifMbpsWarning) | Risk | Interface | Warning |

LUN events

LUN events provide you with information about the status of your LUNs, so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

An asterisk (*) identifies EMS events that have been converted to Unified Manager events.

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|-------------|
| LUN Offline(ocumEvtLunOffline) | Incident | LUN | Critical |
| LUN Destroyed *(lunDestroy) | Event | LUN | Information |
| LUN mapped with unsupported operating system in igroup(igroupUnsupportedOsType) | Incident | LUN | Warning |
| Single Active Path To Access LUN(ocumEvtLunSingleActivePath) | Risk | LUN | Warning |
| No Active Paths To Access LUN(ocumEvtLunNotReachable) | Incident | LUN | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| No Optimized Paths To Access LUN(ocumEvtLunOptimizedPathInactive) | Risk | LUN | Warning |
| No Paths To Access LUN From HA Partner(ocumEvtLunHaPathInactive) | Risk | LUN | Warning |
| No Path to Access LUN from one Node in HA-pair(ocumEvtLunNodePathStatusDown) | Risk | LUN | Error |

Impact area: capacity

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Insufficient Space For LUN Snapshot Copy(ocumEvtLunSnapshotNotPossible) | Risk | Volume | Warning |

Impact area: configuration

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| LUN mapped with unsupported operating system in igroup(igroupUnsupportedOsType) | Risk | LUN | Warning |

Impact area: performance

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| LUN IOPS Critical Threshold Breached(ocumLunIopsIncident) | Incident | LUN | Critical |
| LUN IOPS Warning Threshold Breached(ocumLunIopsWarning) | Risk | LUN | Warning |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|---------------------|--------------------|-----------------|
| LUN MB/s Critical Threshold Breached(ocumLunMbpsIncident) | Incident | LUN | Critical |
| LUN MB/s Warning Threshold Breached(ocumLunMbpsWarning) | Risk | LUN | Warning |
| LUN Latency ms/op Critical Threshold Breached(ocumLunLatencyIncident) | Incident | LUN | Critical |
| LUN Latency ms/op Warning Threshold Breached(ocumLunLatencyWarning) | Risk | LUN | Warning |
| LUN Latency and IOPS Critical Threshold Breached(ocumLunLatencyIopsIncident) | Incident | LUN | Critical |
| LUN Latency and IOPS Warning Threshold Breached(ocumLunLatencyIopsWarning) | Risk | LUN | Warning |
| LUN Latency and MB/s Critical Threshold Breached(ocumLunLatencyMbpsIncident) | Incident | LUN | Critical |
| LUN Latency and MB/s Warning Threshold Breached(ocumLunLatencyMbpsWarning) | Risk | LUN | Warning |
| LUN Latency and Aggregate Performance Capacity Used Critical Threshold Breached(ocumLunLatencyAggregatePerfCapacityUsedIncident) | Incident | LUN | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| LUN Latency and Aggregate Performance Capacity Used Warning Threshold Breached(ocumLunLatencyAggregatePerfCapacityUsedWarning) | Risk | LUN | Warning |
| LUN Latency and Aggregate Utilization Critical Threshold Breached(ocumLunLatencyAggregateUtilizationIncident) | Incident | LUN | Critical |
| LUN Latency and Aggregate Utilization Warning Threshold Breached(ocumLunLatencyAggregateUtilizationWarning) | Risk | LUN | Warning |
| LUN Latency and Node Performance Capacity Used Critical Threshold Breached(ocumLunLatencyNodePerfCapacityUsedIncident) | Incident | LUN | Critical |
| LUN Latency and Node Performance Capacity Used Warning Threshold Breached(ocumLunLatencyNodePerfCapacityUsedWarning) | Risk | LUN | Warning |
| LUN Latency and Node Performance Capacity Used - Takeover Critical Threshold Breached(ocumLunLatencyAggregatePerfCapacityUsedTakeoverIncident) | Incident | LUN | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| LUN Latency and Node Performance Capacity Used - Takeover Warning Threshold Breached(ocumLunLatencyAggregatePerfCapacityUsedTakeoverWarning) | Risk | LUN | Warning |
| LUN Latency and Node Utilization Critical Threshold Breached(ocumLunLatencyNodeUtilizationIncident) | Incident | LUN | Critical |
| LUN Latency and Node Utilization Warning Threshold Breached(ocumLunLatencyNodeUtilizationWarning) | Risk | LUN | Warning |
| QoS LUN Max IOPS Warning Threshold Breached(ocumQosLunMaxIopsWarning) | Risk | LUN | Warning |
| QoS LUN Max MB/s Warning Threshold Breached(ocumQosLunMaxMbpsWarning) | Risk | LUN | Warning |
| Workload LUN Latency Threshold Breached as defined by Performance Service Level Policy(ocumConformanceLatencyWarning) | Risk | LUN | Warning |

Management station events

Management station events provide you with information about the status of server on which Unified Manager is installed so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: configuration

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|--------------------|----------|
| Management Server Disk Space Nearly Full(ocumEvtUnifiedManagerDiskSpaceNearlyFull) | Risk | Management station | Warning |
| Management Server Disk Space Full(ocumEvtUnifiedManagerDiskSpaceFull) | Incident | Management station | Critical |
| Management Server Low On Memory(ocumEvtUnifiedManagerMemoryLow) | Risk | Management station | Warning |
| Management Server Almost Out Of Memory(ocumEvtUnifiedManagerMemoryAlmostOut) | Incident | Management station | Critical |
| MySQL Log File Size Increased; Restart Required(ocumEvtMySQLLogFileSizeWarning) | Incident | Management station | Warning |
| Total Audit Log Size Allocation is About to Get Full | Risk | Management station | Warning |
| Syslog Server Certificate About to Expire | Risk | Management station | Warning |
| Syslog Server Certificate Expired | Risk | Management station | Error |
| Audit Log File Tampered | Risk | Management station | Warning |
| Audit Log File Deleted | Risk | Management station | Warning |
| Syslog Server Connection Error | Risk | Management station | Error |
| Syslog Server Configuration Changed | Event | Management station | Warning |

Impact area: performance

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|--------------------|----------|
| Performance Data Analysis Is Impacted(ocumEvtUnifiedManagerDataMissingAnalyze) | Risk | Management station | Warning |
| Performance Data Collection Is Impacted(ocumEvtUnifiedManagerDataMissingCollection) | Incident | Management station | Critical |



These last two performance events were available for Unified Manager 7.2 only. If either of these events exist in the New state, and then you upgrade to a newer version of Unified Manager software, the events will not be purged automatically. You will need to move the events to the Resolved state manually.

MetroCluster Bridge events

MetroCluster Bridge events provide you with information about the status of the bridges so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|---------------------|----------|
| Bridge Unreachable(ocumEvtBridgeUnreachable) | Incident | MetroCluster Bridge | Critical |
| Bridge Temperature Abnormal(ocumEvtBridgeTemperatureAbnormal) | Incident | MetroCluster Bridge | Critical |

MetroCluster Connectivity events

Connectivity events provide you with information about the connectivity between the components of a cluster and between clusters in a MetroCluster configuration so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|--------------------------------------|----------|
| All Inter-Switch Links Down(ocumEvtMetroClusterAllISLBetweenSwitchesDown) | Incident | MetroCluster inter-switch connection | Critical |
| All Links Between MetroCluster Partners Down(ocumEvtMetroClusterAllLinksBetweenPartnersDown) | Incident | MetroCluster relationship | Critical |
| FC-SAS Bridge To Storage Stack Link Down(ocumEvtBridgeSasPortDown) | Incident | MetroCluster bridge stack connection | Critical |
| MetroCluster Configuration Switched Over(ocumEvtMetroClusterDRStatusImpacted) | Risk | MetroCluster relationship | Warning |
| MetroCluster Configuration Partially Switched Over(ocumEvtMetroClusterDRStatusPartiallyImpacted) | Risk | MetroCluster relationship | Error |
| MetroCluster Disaster Recovery Capability Impacted(ocumEvtMetroClusterDRStatusImpacted) | Risk | MetroCluster relationship | Critical |
| MetroCluster Partners Not Reachable Over Peering Network(ocumEvtMetroClusterPartnersNotReachableOverPeeringNetwork) | Incident | MetroCluster relationship | Critical |
| Node To FC Switch All FC-VI Interconnect Links Down(ocumEvtMccNodeSwitchFcviLinksDown) | Incident | MetroCluster node switch connection | Critical |


| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|---------------------------------------|----------|
| Node To FC Switch One Or More FC-Initiator Links Down(ocumEvtMccNodeSwitchFcLinksOneOrMoreDown) | Risk | MetroCluster node switch connection | Warning |
| Node To FC Switch All FC-Initiator Links Down(ocumEvtMccNodeSwitchFcLinksDown) | Incident | MetroCluster node switch connection | Critical |
| Switch To FC-SAS Bridge FC Link Down (ocumEvtMccSwitchBridgeFcLinksDown) | Incident | MetroCluster switch bridge connection | Critical |
| Inter Node All FC VI InterConnect Links Down (ocumEvtMccInterNodeLinksDown) | Incident | Inter-node connection | Critical |
| Inter Node One Or More FC VI InterConnect Links Down (ocumEvtMccInterNodeLinksOneOrMoreDown) | Risk | Inter-node connection | Warning |
| Node To Bridge Link Down (ocumEvtMccNodeBridgeLinksDown) | Incident | Node bridge connection | Critical |
| Node to Storage Stack All SAS Links Down (ocumEvtMccNodeStackLinksDown) | Incident | Node stack connection | Critical |
| Node to Storage Stack One Or More SAS Links Down (ocumEvtMccNodeStackLinksOneOrMoreDown) | Risk | Node stack connection | Warning |

MetroCluster switch events

MetroCluster switch events provide you with information about the status of the MetroCluster switches so that you can monitor for potential problems. Events are

grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|---------------------|----------|
| Switch Temperature Abnormal(ocumEvtSwitchTemperatureAbnormal) | Incident | MetroCluster Switch | Critical |
| Switch Unreachable(ocumEvtSwitchUnreachable) | Incident | MetroCluster Switch | Critical |
| Switch Fans Failed(ocumEvtSwitchFansOneOrMoreFailed) | Incident | MetroCluster Switch | Critical |
| Switch Power Supplies Failed(ocumEvtSwitchPowerSuppliesOneOrMoreFailed) | Incident | MetroCluster Switch | Critical |
| <div>  <p>This event is applicable only for Cisco switches.</p> </div> Switch Temperature Sensors Failed(ocumEvtSwitchTemperatureSensorFailed) | Incident | MetroCluster Switch | Critical |

NVMe Namespace events

NVMe Namespace events provide you with information about the status of your namespaces, so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

An asterisk (*) identifies EMS events that have been converted to Unified Manager events.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|-------------|
| NVMeNS Offline *(nvmeNamespaceStatusOffline) | Event | Namespace | Information |
| NVMeNS Online *(nvmeNamespaceStatusOnline) | Event | Namespace | Information |
| NVMeNS Out of Space *(nvmeNamespaceSpaceOutOfSpace) | Risk | Namespace | Warning |
| NVMeNS Destroy *(nvmeNamespaceDestroy) | Event | Namespace | Information |

Impact area: performance

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| NVMe Namespace IOPS Critical Threshold Breached(ocumNvmeNamespaceIopsIncident) | Incident | Namespace | Critical |
| NVMe Namespace IOPS Warning Threshold Breached(ocumNvmeNamespaceIopsWarning) | Risk | Namespace | Warning |
| NVMe Namespace MB/s Critical Threshold Breached(ocumNvmeNamespaceMbpsIncident) | Incident | Namespace | Critical |
| NVMe Namespace MB/s Warning Threshold Breached(ocumNvmeNamespaceMbpsWarning) | Risk | Namespace | Warning |
| NVMe Namespace Latency ms/op Critical Threshold Breached(ocumNvmeNamespaceLatencyIncident) | Incident | Namespace | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| NVMe Namespace Latency ms/op Warning Threshold Breached(ocumNvmeNamespaceLatencyWarning) | Risk | Namespace | Warning |
| NVMe Namespace Latency and IOPS Critical Threshold Breached(ocumNvmeNamespaceLatencyIopsIncident) | Incident | Namespace | Critical |
| NVMe Namespace Latency and IOPS Warning Threshold Breached(ocumNvmeNamespaceLatencyIopsWarning) | Risk | Namespace | Warning |
| NVMe Namespace Latency and MB/s Critical Threshold Breached(ocumNvmeNamespaceLatencyMbpsIncident) | Incident | Namespace | Critical |
| NVMe Namespace Latency and MB/s Warning Threshold Breached(ocumNvmeNamespaceLatencyMbpsWarning) | Risk | Namespace | Warning |

Node events

Node events provide you with information about node status so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

An asterisk (*) identifies EMS events that have been converted to Unified Manager events.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|-------------|
| Node Root Volume Space Nearly Full(ocumEvtClusterNodeRootVolumeSpaceNearlyFull) | Risk | Node | Warning |
| Cloud AWS MetaDataConnFail *(ocumCloudAwsMetadataConnFail) | Risk | Node | Error |
| Cloud AWS IAMCredsExpired *(ocumCloudAwsIamCredsExpired) | Risk | Node | Error |
| Cloud AWS IAMCredsInvalid *(ocumCloudAwsIamCredsInvalid) | Risk | Node | Error |
| Cloud AWS IAMCredsNotFound *(ocumCloudAwsIamCredsNotFound) | Risk | Node | Error |
| Cloud AWS IAMCredsNotInitialized *(ocumCloudAwsIamCredsNotInitialized) | Event | Node | Information |
| Cloud AWS IAMRoleInvalid *(ocumCloudAwsIamRoleInvalid) | Risk | Node | Error |
| Cloud AWS IAMRoleNotFound *(ocumCloudAwsIamRoleNotFound) | Risk | Node | Error |
| Cloud Tier Host Unresolvable *(ocumObjstoreHostUnresolvable) | Risk | Node | Error |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Cloud Tier Intercluster LIF Down *(ocumObjstoreInterClusterLifDown) | Risk | Node | Error |
| One of NFSv4 Pools Exhausted *(nbladeNfsv4PoolEXhaust) | Incident | Node | Critical |
| Request Mismatch Cloud Tier Signature *(oscSignatureMismatch) | Risk | Node | Error |

Impact area: capacity

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|-------------|
| QoS Monitor Memory Maxed *(ocumQosMonitorMemoryMaxed) | Risk | Node | Error |
| QoS Monitor Memory Abated *(ocumQosMonitorMemoryAbated) | Event | Node | Information |

Impact area: configuration

| Event name (Trap name) | Impact level | Source type | Severity |
|------------------------------|--------------|-------------|-------------|
| Node Renamed(Not applicable) | Event | Node | Information |

Impact area: performance

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Node IOPS Critical Threshold Breached(ocumNodeIopsIncident) | Incident | Node | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Node IOPS Warning Threshold Breached(ocumNodeIopsWarning) | Risk | Node | Warning |
| Node MB/s Critical Threshold Breached(ocumNodeMbpsIncident) | Incident | Node | Critical |
| Node MB/s Warning Threshold Breached(ocumNodeMbpsWarning) | Risk | Node | Warning |
| Node Latency ms/op Critical Threshold Breached(ocumNodeLatencyIncident) | Incident | Node | Critical |
| Node Latency ms/op Warning Threshold Breached(ocumNodeLatencyWarning) | Risk | Node | Warning |
| Node Performance Capacity Used Critical Threshold Breached(ocumNodePerfCapacityUsedIncident) | Incident | Node | Critical |
| Node Performance Capacity Used Warning Threshold Breached(ocumNodePerfCapacityUsedWarning) | Risk | Node | Warning |
| Node Performance Capacity Used - Takeover Critical Threshold Breached(ocumNodePerfCapacityUsedTakeoverIncident) | Incident | Node | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|-------------|
| Node Performance Capacity Used - Takeover Warning Threshold Breached(ocumNodePerfCapacityUsedTakeoverWarning) | Risk | Node | Warning |
| Node Utilization Critical Threshold Breached (ocumNodeUtilizationIncident) | Incident | Node | Critical |
| Node Utilization Warning Threshold Breached (ocumNodeUtilizationWarning) | Risk | Node | Warning |
| Node HA Pair Over-utilized Threshold Breached (ocumNodeHaPairOverUtilizedInformation) | Event | Node | Information |
| Node Disk Fragmentation Threshold Breached (ocumNodeDiskFragmentationWarning) | Risk | Node | Warning |
| Performance Capacity Used Threshold Breached (ocumNodeOverUtilizedWarning) | Risk | Node | Warning |
| Node Dynamic Threshold Breached (ocumNodeDynamicEventWarning) | Risk | Node | Warning |

Impact area: security

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Advisory ID: NTAP- <advisory ID>(ocumx) | Risk | Node | Critical |

NVRAM battery events

NVRAM battery events provide you with information about the status of your batteries so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| NVRAM Battery Low(ocumEvtNvramBatteryLow) | Risk | Node | Warning |
| NVRAM Battery Discharged(ocumEvtNvramBatteryDischarged) | Risk | Node | Error |
| NVRAM Battery Overly Charged(ocumEvtNvramBatteryOverCharged) | Incident | Node | Critical |

Port events

Port events provide you with status about cluster ports so that you can monitor changes or problems on the port, like whether the port is down.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Port Status Down(ocumEvtPortStatusDown) | Incident | Node | Critical |

Impact area: performance

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Network Port MB/s Critical Threshold Breached(ocumNetworkPortMbpsIncident) | Incident | Port | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Network Port MB/s Warning Threshold Breached(ocumNetworkPortMbpsWarning) | Risk | Port | Warning |
| FCP Port MB/s Critical Threshold Breached(ocumFcpPortMbpsIncident) | Incident | Port | Critical |
| FCP Port MB/s Warning Threshold Breached(ocumFcpPortMbpsWarning) | Risk | Port | Warning |
| Network Port Utilization Critical Threshold Breached(ocumNetworkPortUtilizationIncident) | Incident | Port | Critical |
| Network Port Utilization Warning Threshold Breached(ocumNetworkPortUtilizationWarning) | Risk | Port | Warning |
| FCP Port Utilization Critical Threshold Breached(ocumFcpPortUtilizationIncident) | Incident | Port | Critical |
| FCP Port Utilization Warning Threshold Breached(ocumFcpPortUtilizationWarning) | Risk | Port | Warning |

Power supplies events

Power supplies events provide you with information about the status of your hardware so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| One or More Failed Power Supplies(ocumEvtPowerSupplyOneOrMoreFailed) | Incident | Node | Critical |

Protection events

Protection events tell you if a job has failed or been aborted so that you can monitor for problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: protection

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|---------------------------|----------|
| Protection Job Failed(ocumEvtProtectionJobTaskFailed) | Incident | Volume or storage service | Critical |
| Protection Job Aborted(ocumEvtProtectionJobAborted) | Risk | Volume or storage service | Warning |

Qtree events

Qtree events provide you with information about the qtree capacity and the file and disk limits so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: capacity

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|-------------|
| Qtree Space Nearly Full(ocumEvtQtreeSpaceNearlyFull) | Risk | Qtree | Warning |
| Qtree Space Full(ocumEvtQtreeSpaceFull) | Risk | Qtree | Error |
| Qtree Space Normal(ocumEvtQtreeSpaceThresholdOk) | Event | Qtree | Information |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Qtree Files Hard Limit Reached(ocumEvtQtreeFilesHardLimitReached) | Incident | Qtree | Critical |
| Qtree Files Soft Limit Breached(ocumEvtQtreeFilesSoftLimitBreached) | Risk | Qtree | Warning |
| Qtree Space Hard Limit Reached(ocumEvtQtreeSpaceHardLimitReached) | Incident | Qtree | Critical |
| Qtree Space Soft Limit Breached(ocumEvtQtreeSpaceSoftLimitBreached) | Risk | Qtree | Warning |

Service processor events

Service processor events provide you with information about the status of your processor so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Service Processor Not Configured(ocumEvtServiceProcessorNotConfigured) | Risk | Node | Warning |
| Service Processor Offline(ocumEvtServiceProcessorOffline) | Risk | Node | Error |

SnapMirror relationship events

SnapMirror relationship events provide you with information about the status of your Asynchronous and Synchronous SnapMirror relationships so that you can monitor for potential problems. Asynchronous SnapMirror relationship events are generated for both Storage VMs and volumes but Synchronous SnapMirror relationship events are generated only for volume relationships. There are no events generated for constituent volumes that are part of Storage VM disaster recovery relationships. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: protection

An asterisk (*) identifies EMS events that have been converted to Unified Manager events.



The SnapMirror relationships events are generated for Storage VMs that are protected by Storage VM disaster recovery but not for any constituent object relationships.

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------------------|----------|
| Mirror Replication Unhealthy(ocumEvtSnapmirrorRelationshipUnhealthy) | Risk | SnapMirror relationship | Warning |
| Mirror Replication Broken-off(ocumEvtSnapmirrorRelationshipStateBrokenoff) | Risk | SnapMirror relationship | Error |
| Mirror Replication Initialize Failed(ocumEvtSnapmirrorRelationshipInitializeFailed) | Risk | SnapMirror relationship | Error |
| Mirror Replication Update Failed(ocumEvtSnapmirrorRelationshipUpdateFailed) | Risk | SnapMirror relationship | Error |
| Mirror Replication Lag Error(ocumEvtSnapMirrorRelationshipLagError) | Risk | SnapMirror relationship | Error |
| Mirror Replication Lag Warning(ocumEvtSnapMirrorRelationshipLagWarning) | Risk | SnapMirror relationship | Warning |
| Mirror Replication Resync Failed(ocumEvtSnapmirrorRelationshipResyncFailed) | Risk | SnapMirror relationship | Error |
| Synchronous Replication Out Of Sync *(syncSnapmirrorRelationshipOutofsync) | Risk | SnapMirror relationship | Warning |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------------------|-------------|
| Synchronous Replication Restored *(syncSnapmirrorRelationshipInSync) | Event | SnapMirror relationship | Information |
| Synchronous Replication Auto Resync Failed *(syncSnapmirrorRelationshipAutoSyncRetryFailed) | Risk | SnapMirror relationship | Error |
| Ontap Mediator is added on the Cluster (snapmirrorMediatorAdded) | Event | Cluster | Information |
| Ontap Mediator is removed from the Cluster (snapmirrorMediatorRemoved) | Event | Cluster | Information |
| Ontap Mediator is unreachable from the cluster (snapmirrorMediatorUnreachable) | Risk | Mediator | Warning |
| Ontap Mediator is not accessible from the cluster (snapmirrorMediatorMisconfigured) | Risk | Mediator | Error |
| Ontap Mediator Connectivity has been reestablished, and is resynced and ready for SMBC (snapmirrorMediatorInQuorum) | Event | Mediator | Information |

Asynchronous Mirror and Vault relationship events

Asynchronous Mirror and Vault relationship events provide you with information about the status of your Asynchronous SnapMirror and Vault relationships so that you can monitor for potential problems. Asynchronous Mirror and Vault relationship events are supported for both volume and Storage VM protection relationships. But only Vault relationships are not supported for Storage VM disaster recovery. Events are grouped by impact area and

include the event and trap name, impact level, source type, and severity.

Impact area: protection



The SnapMirror and Vault relationships events are also generated for Storage VMs that are protected by Storage VM disaster recovery but not for any constituent object relationships.

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------------------|----------|
| Asynchronous Mirror and Vault Unhealthy(ocumEvtMirrorVaultRelationshipUnhealthy) | Risk | SnapMirror relationship | Warning |
| Asynchronous Mirror and Vault Broken-off(ocumEvtMirrorVaultRelationshipStateBrokenoff) | Risk | SnapMirror relationship | Error |
| Asynchronous Mirror and Vault Initialize Failed(ocumEvtMirrorVaultRelationshipInitializeFailed) | Risk | SnapMirror relationship | Error |
| Asynchronous Mirror and Vault Update Failed(ocumEvtMirrorVaultRelationshipUpdateFailed) | Risk | SnapMirror relationship | Error |
| Asynchronous Mirror and Vault Lag Error(ocumEvtMirrorVaultRelationshipLagError) | Risk | SnapMirror relationship | Error |
| Asynchronous Mirror and Vault Lag Warning(ocumEvtMirrorVaultRelationshipLagWarning) | Risk | SnapMirror relationship | Warning |
| Asynchronous Mirror and Vault Resync Failed(ocumEvtMirrorVaultRelationshipResyncFailed) | Risk | SnapMirror relationship | Error |



"SnapMirror update failure" event is raised by Active IQ portal (Config Advisor).

Snapshot events

Snapshot events provide information about the status of snapshots which enables you to monitor the snapshots for potential problems. The events are grouped by impact area, and include the event name, trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|-------------|
| Snapshot Auto-delete Disabled(Not applicable) | Event | Volume | Information |
| Snapshot Auto-delete Enabled(Not applicable) | Event | Volume | Information |
| Snapshot Auto-delete Configuration Modified(Not applicable) | Event | Volume | Information |

SnapVault relationship events

SnapVault relationship events provide you with information about the status of your SnapVault relationships so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: protection

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------------------|----------|
| Asynchronous Vault Unhealthy(ocumEvtSnapVaultRelationshipUnhealthy) | Risk | SnapMirror relationship | Warning |
| Asynchronous Vault Broken-off(ocumEvtSnapVaultRelationshipStateBrokenoff) | Risk | SnapMirror relationship | Error |
| Asynchronous Vault Initialize Failed(ocumEvtSnapVaultRelationshipInitializeFailed) | Risk | SnapMirror relationship | Error |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------------------|----------|
| Asynchronous Vault Update Failed(ocumEvtSnapVaultRelationshipUpdateFailed) | Risk | SnapMirror relationship | Error |
| Asynchronous Vault Lag Error(ocumEvtSnapVaultRelationshipLagError) | Risk | SnapMirror relationship | Error |
| Asynchronous Vault Lag Warning(ocumEvtSnapVaultRelationshipLagWarning) | Risk | SnapMirror relationship | Warning |
| Asynchronous Vault Resync Failed(ocumEvtSnapvaultRelationshipResyncFailed) | Risk | SnapMirror relationship | Error |

Storage failover settings events

Storage failover (SFO) settings events provide you with information about whether your storage failover is disabled or not configured so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Storage Failover Interconnect One Or More Links Down(ocumEvtSfoInterconnectOneOrMoreLinksDown) | Risk | Node | Warning |
| Storage Failover Disabled(ocumEvtSfoSettingsDisabled) | Risk | Node | Error |
| Storage Failover Not Configured(ocumEvtSfoSettingsNotConfigured) | Risk | Node | Error |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Storage Failover State - Takeover(ocumEvtSfoStateTakeover) | Risk | Node | Warning |
| Storage Failover State - Partial Giveback(ocumEvtSfoStatePartialGiveback) | Risk | Node | Error |
| Storage Failover Node Status Down(ocumEvtSfoNodeStatusDown) | Risk | Node | Error |
| Storage Failover Takeover Not Possible(ocumEvtSfoTakeoverNotPossible) | Risk | Node | Error |

Storage services events

Storage services events provide you with information about the creation and subscription of storage services so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: configuration

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-----------------|-------------|
| Storage Service Created(Not applicable) | Event | Storage service | Information |
| Storage Service Subscribed(Not applicable) | Event | Storage service | Information |
| Storage Service Unsubscribed(Not applicable) | Event | Storage service | Information |

Impact area: protection

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-----------------|----------|
| Unexpected Deletion of Managed SnapMirror Relationship(ocumEvtStorageServiceUnsupportedRelationshipDeletion) | Risk | Storage service | Warning |
| Unexpected Deletion of Storage Service Member Volume(ocumEvtStorageServiceUnexpectedVolumeDeletion) | Incident | Storage service | Critical |

Storage shelf events

Storage shelf events tell you if your storage shelf has abnormal so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|---------------|----------|
| Abnormal Voltage Range(ocumEvtShelfVoltageAbnormal) | Risk | Storage shelf | Warning |
| Abnormal Current Range(ocumEvtShelfCurrentAbnormal) | Risk | Storage shelf | Warning |
| Abnormal Temperature(ocumEvtShelfTemperatureAbnormal) | Risk | Storage shelf | Warning |

Storage VM events

Storage VM (storage virtual machine, also known as SVM) events provide you with information about the status of your storage VMs (SVMs) so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

An asterisk (*) identifies EMS events that have been converted to Unified Manager events.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|-------------|
| SVM CIFS Service Down(ocumEvtVserverCifsServiceStatusDown) | Incident | SVM | Critical |
| SVM CIFS Service Not Configured(Not applicable) | Event | SVM | Information |
| Attempts to Connect Nonexistent CIFS Share *(nbladeCifsNoPrivShare) | Incident | SVM | Critical |
| CIFS NetBIOS Name Conflict *(nbladeCifsNbNameConflict) | Risk | SVM | Error |
| CIFS Shadow Copy Operation Failed *(cifsShadowCopyFailure) | Risk | SVM | Error |
| Many CIFS Connections *(nbladeCifsManyAuths) | Risk | SVM | Error |
| Max CIFS Connection Exceeded *(nbladeCifsMaxOpenSameFile) | Risk | SVM | Error |
| Max Number of CIFS Connection Per User Exceeded *(nbladeCifsMaxSessPerUsrConn) | Risk | SVM | Error |
| SVM FC/FCoE Service Down(ocumEvtVserverFcServiceStatusDown) | Incident | SVM | Critical |
| SVM iSCSI Service Down(ocumEvtVserverIscsiServiceStatusDown) | Incident | SVM | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|-------------|
| SVM NFS Service Down(ocumEvtVserverNfsServiceStatusDown) | Incident | SVM | Critical |
| SVM FC/FCoE Service Not Configured(Not applicable) | Event | SVM | Information |
| SVM iSCSI Service Not Configured(Not applicable) | Event | SVM | Information |
| SVM NFS Service Not Configured(Not applicable) | Event | SVM | Information |
| SVM Stopped(ocumEvtVserverDown) | Risk | SVM | Warning |
| AV Server too Busy to Accept New Scan Request *(nbladeVscanConnBackPressure) | Risk | SVM | Error |
| No AV Server Connection for Virus Scan *(nbladeVscanNoScannerConn) | Incident | SVM | Critical |
| No AV Server Registered *(nbladeVscanNoRegdScanner) | Risk | SVM | Error |
| No Responsive AV Server Connection *(nbladeVscanConnInactive) | Event | SVM | Information |
| Unauthorized User Attempt to AV Server *(nbladeVscanBadUserPrivAccess) | Risk | SVM | Error |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Virus Found By AV Server *(nbladeVscanVirusDetected) | Risk | SVM | Error |

Impact area: configuration

| Event name (Trap name) | Impact level | Source type | Severity |
|--------------------------------|--------------|-------------|-------------|
| SVM Discovered(Not applicable) | Event | SVM | Information |
| SVM Deleted(Not applicable) | Event | Cluster | Information |
| SVM Renamed(Not applicable) | Event | SVM | Information |

Impact area: performance

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| SVM IOPS Critical Threshold Breached(ocumSvmIopsIncident) | Incident | SVM | Critical |
| SVM IOPS Warning Threshold Breached(ocumSvmIopsWarning) | Risk | SVM | Warning |
| SVM MB/s Critical Threshold Breached(ocumSvmMbpsIncident) | Incident | SVM | Critical |
| SVM MB/s Warning Threshold Breached(ocumSvmMbpsWarning) | Risk | SVM | Warning |
| SVM Latency Critical Threshold Breached(ocumSvmLatencyIncident) | Incident | SVM | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| SVM Latency Warning Threshold Breached(ocumSvmLatencyWarning) | Risk | SVM | Warning |

Impact area: security

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|-------------|
| Audit Log Disabled(ocumVserverAuditLogDisabled) | Risk | SVM | Warning |
| Login Banner Disabled(ocumVserverLoginBannerDisabled) | Risk | SVM | Warning |
| SSH is Using Insecure Ciphers(ocumVserverSSHInsecure) | Risk | SVM | Warning |
| Login Banner Changed(ocumVserverLoginBannerChanged) | Risk | SVM | Warning |
| Storage VM anti-ransomware monitoring is Disabled (antiRansomwareSvmStateDisabled) | Risk | SVM | Warning |
| Storage VM anti-ransomware monitoring is Enabled (Learning Mode) (antiRansomwareSvmStateDryrun) | Event | SVM | Information |
| Storage VM suitable for anti-ransomware monitoring (Learning Mode) (ocumEvtSvmArwCandidate) | Event | SVM | Information |

User and group quota events

User and group quota events provide you with information about the capacity of the user

and user group quota as well as the file and disk limits so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: capacity

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|---------------------|----------|
| User or Group Quota Disk Space Soft Limit Breached(ocumEvtUserOrGroupQuotaDiskSpaceSoftLimitBreached) | Risk | User or group quota | Warning |
| User or Group Quota Disk Space Hard Limit Reached(ocumEvtUserOrGroupQuotaDiskSpaceHardLimitReached) | Incident | User or group quota | Critical |
| User or Group Quota File Count Soft Limit Breached(ocumEvtUserOrGroupQuotaFileCountSoftLimitBreached) | Risk | User or group quota | Warning |
| User or Group Quota File Count Hard Limit Reached(ocumEvtUserOrGroupQuotaFileCountHardLimitReached) | Incident | User or group quota | Critical |

Volume events

Volume events provide information about the status of volumes which enables you to monitor for potential problems. The events are grouped by impact area, and include the event name, trap name, impact level, source type, and severity.

An asterisk (*) identifies EMS events that have been converted to Unified Manager events.

Impact area: availability

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Volume Restricted(ocumEvtVolumeRestricted) | Risk | Volume | Warning |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|-------------|
| Volume Offline(ocumEvtVolumeOffline) | Incident | Volume | Critical |
| Volume Partially Available(ocumEvtVolumePartiallyAvailable) | Risk | Volume | Error |
| Volume Unmounted(Not applicable) | Event | Volume | Information |
| Volume Mounted(Not applicable) | Event | Volume | Information |
| Volume Remounted(Not applicable) | Event | Volume | Information |
| Volume Junction Path Inactive(ocumEvtVolumeJunctionPathInactive) | Risk | Volume | Warning |
| Volume Autosize Enabled(Not applicable) | Event | Volume | Information |
| Volume Autosize-Disabled(Not applicable) | Event | Volume | Information |
| Volume Autosize Maximum Capacity Modified(Not applicable) | Event | Volume | Information |
| Volume Autosize Increment Size Modified(Not applicable) | Event | Volume | Information |

Impact area: capacity

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Thin-Provisioned Volume Space At Risk(ocumThinProvisionVolumeSpaceAtRisk) | Risk | Volume | Warning |
| Volume Space Full(ocumEvtVolumeFull) | Risk | Volume | Error |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|-------------|
| Volume Space Nearly Full(ocumEvtVolumeNearl yFull) | Risk | Volume | Warning |
| Volume Logical Space Full *(volumeLogicalSpaceFull) | Risk | Volume | Error |
| Volume Logical Space Nearly Full *(volumeLogicalSpaceNe arlyFull) | Risk | Volume | Warning |
| Volume Logical Space Normal *(volumeLogicalSpaceAll OK) | Event | Volume | Information |
| Volume Snapshot Reserve Space Full(ocumEvtSnapshotFull) | Risk | Volume | Warning |
| Too Many Snapshot Copies(ocumEvtSnapshot TooMany) | Risk | Volume | Error |
| Volume Qtree Quota Overcommitted(ocumEvtV olumeQtreeQuotaOverco mmitted) | Risk | Volume | Error |
| Volume Qtree Quota Nearly Overcommitted(ocumEvtV olumeQtreeQuotaAlmost Overcommitted) | Risk | Volume | Warning |
| Volume Growth Rate Abnormal(ocumEvtVolum eGrowthRateAbnormal) | Risk | Volume | Warning |
| Volume Days Until Full(ocumEvtVolumeDays UntilFullSoon) | Risk | Volume | Error |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|-------------|
| Volume Space Guarantee Disabled(Not applicable) | Event | Volume | Information |
| Volume Space Guarantee Enabled(Not Applicable) | Event | Volume | Information |
| Volume Space Guarantee Modified(Not applicable) | Event | Volume | Information |
| Volume Snapshot Reserve Days Until Full(ocumEvtVolumeSnapshotReserveDaysUntilFull Soon) | Risk | Volume | Error |
| FlexGroup Constituents Have Space Issues *(flexGroupConstituentsHaveSpaceIssues) | Risk | Volume | Error |
| FlexGroup Constituents Space Status All OK *(flexGroupConstituentsSpaceStatusAllOK) | Event | Volume | Information |
| FlexGroup Constituents Have Inodes Issues *(flexGroupConstituentsHaveInodesIssues) | Risk | Volume | Error |
| FlexGroup Constituents Inodes Status All OK *(flexGroupConstituentsInodesStatusAllOK) | Event | Volume | Information |
| WAFL Volume AutoSize Fail *(wafVolAutoSizeFail) | Risk | Volume | Error |
| WAFL Volume AutoSize Done *(wafVolAutoSizeDone) | Event | Volume | Information |
| FlexGroup Volume Is Over 80% Utilized* | Incident | Volume | Error |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| FlexGroup Volume Is Over 90% Utilized* | Incident | Volume | Critical |
| Volume storage efficiency anomaly (ocumVolumeAbnormalStorageEfficiencyWarning) | Risk | Volume | Warning |
| Volume Snapshot Reserve Under-utilized (volumeSnaphotReserveUnderutilizedWarning) | Event | Volume | Warning |
| Volume Snapshot Reserve Under-utilized (volumeSnaphotReserveUnderutilizedCleared) | Event | Volume | Warning |

Impact area: configuration

| Event name (Trap name) | Impact level | Source type | Severity |
|-----------------------------------|--------------|-------------|-------------|
| Volume Renamed(Not applicable) | Event | Volume | Information |
| Volume Discovered(Not applicable) | Event | Volume | Information |
| Volume Deleted(Not applicable) | Event | Volume | Information |

Impact area: performance

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| QoS Volume Max IOPS Warning Threshold Breached(ocumQosVolumeMaxIopsWarning) | Risk | Volume | Warning |
| QoS Volume Max MB/s Warning Threshold Breached(ocumQosVolumeMaxMbpsWarning) | Risk | Volume | Warning |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| QoS Volume Max IOPS/TB Warning Threshold Breached(ocumQosVolumeMaxIopsPerTbWarning) | Risk | Volume | Warning |
| Workload Volume Latency Threshold Breached as defined by Performance Service Level Policy(ocumConformanceLatencyWarning) | Risk | Volume | Warning |
| Volume IOPS Critical Threshold Breached(ocumVolumeIopsIncident) | Incident | Volume | Critical |
| Volume IOPS Warning Threshold Breached(ocumVolumeIopsWarning) | Risk | Volume | Warning |
| Volume MB/s Critical Threshold Breached(ocumVolumeMbpsIncident) | Incident | Volume | Critical |
| Volume MB/s Warning Threshold Breached(ocumVolumeMbpsWarning) | Risk | Volume | Warning |
| Volume Latency ms/op Critical Threshold Breached(ocumVolumeLatencyIncident) | Incident | Volume | Critical |
| Volume Latency ms/op Warning Threshold Breached(ocumVolumeLatencyWarning) | Risk | Volume | Warning |
| Volume Cache Miss Ratio Critical Threshold Breached(ocumVolumeCacheMissRatioIncident) | Incident | Volume | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Volume Cache Miss Ratio Warning Threshold Breached(ocumVolumeCacheMissRatioWarning) | Risk | Volume | Warning |
| Volume Latency and IOPS Critical Threshold Breached(ocumVolumeLatencyIopsIncident) | Incident | Volume | Critical |
| Volume Latency and IOPS Warning Threshold Breached(ocumVolumeLatencyIopsWarning) | Risk | Volume | Warning |
| Volume Latency and MB/s Critical Threshold Breached(ocumVolumeLatencyMbpsIncident) | Incident | Volume | Critical |
| Volume Latency and MB/s Warning Threshold Breached(ocumVolumeLatencyMbpsWarning) | Risk | Volume | Warning |
| Volume Latency and Aggregate Performance Capacity Used Critical Threshold Breached(ocumVolumeLatencyAggregatePerfCapacityUsedIncident) | Incident | Volume | Critical |
| Volume Latency and Aggregate Performance Capacity Used Warning Threshold Breached(ocumVolumeLatencyAggregatePerfCapacityUsedWarning) | Risk | Volume | Warning |
| Volume Latency and Aggregate Utilization Critical Threshold Breached(ocumVolumeLatencyAggregateUtilizationIncident) | Incident | Volume | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Volume Latency and Aggregate Utilization Warning Threshold Breached(ocumVolumeLatencyAggregateUtilizationWarning) | Risk | Volume | Warning |
| Volume Latency and Node Performance Capacity Used Critical Threshold Breached(ocumVolumeLatencyNodePerfCapacityUsedIncident) | Incident | Volume | Critical |
| Volume Latency and Node Performance Capacity Used Warning Threshold Breached(ocumVolumeLatencyNodePerfCapacityUsedWarning) | Risk | Volume | Warning |
| Volume Latency and Node Performance Capacity Used - Takeover Critical Threshold Breached(ocumVolumeLatencyAggregatePerfCapacityUsedTakeoverIncident) | Incident | Volume | Critical |
| Volume Latency and Node Performance Capacity Used - Takeover Warning Threshold Breached(ocumVolumeLatencyAggregatePerfCapacityUsedTakeoverWarning) | Risk | Volume | Warning |
| Volume Latency and Node Utilization Critical Threshold Breached(ocumVolumeLatencyNodeUtilizationIncident) | Incident | Volume | Critical |

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|----------|
| Volume Latency and Node Utilization Warning Threshold Breached(ocumVolumeLatencyNodeUtilizationWarning) | Risk | Volume | Warning |

Impact area: security

| Event name (Trap name) | Impact level | Source type | Severity |
|---|--------------|-------------|-------------|
| Volume anti-ransomware monitoring is Enabled (Active Mode) (antiRansomwareVolumeStateEnabled) | Event | Volume | Information |
| Volume anti-ransomware monitoring is Disabled (antiRansomwareVolumeStateDisabled) | Risk | Volume | Warning |
| Volume anti-ransomware monitoring is Enabled (Learning Mode) (antiRansomwareVolumeStateDryrun) | Event | Volume | Information |
| Volume anti-ransomware monitoring is Paused (Learning Mode) (antiRansomwareVolumeStateDryrunPaused) | Risk | Volume | Warning |
| Volume anti-ransomware monitoring is Paused (Active Mode) (antiRansomwareVolumeStateEnablePaused) | Risk | Volume | Warning |
| Volume anti-ransomware monitoring is Disabling (antiRansomwareVolumeStateDisableInProgress) | Risk | Volume | Warning |

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|-------------|
| Ransomware Activity Seen (callHomeRansomwareActivitySeen) | Incident | Volume | Critical |
| Volume suitable for anti-ransomware monitoring (Learning Mode) (ocumEvtVolumeArwCandidate) | Event | Volume | Information |
| Volume suitable for anti-ransomware monitoring (Active Mode) (ocumVolumeSuitedForActiveAntiRansomwareDetection) | Risk | Volume | Warning |
| Volume exhibits noisy anti-ransomware alerting (antiRansomwareFeatureNoisyVolume) | Risk | Volume | Warning |

Impact area: data protection

| Event name (Trap name) | Impact level | Source type | Severity |
|--|--------------|-------------|----------|
| Volume Has Insufficient Local Snapshot Protection (volumeLacksLocalProtectionWarning) | Risk | Volume | Warning |
| Volume Has Insufficient Local Snapshot Protection (volumeLacksLocalProtectionCleared) | Risk | Volume | Warning |

Volume move status events

Volume move status events tell you about the status of your volume move so that you can monitor for potential problems. Events are grouped by impact area and include the event and trap name, impact level, source type, and severity.

Impact area: capacity

| Event name (Trap name) | Impact level | Source type | Severity |
|--|---------------------|--------------------|-----------------|
| Volume Move Status: In Progress(Not applicable) | Event | Volume | Information |
| Volume Move Status - Failed(ocumEvtVolumeMoveFailed) | Risk | Volume | Error |
| Volume Move Status: Completed(Not applicable) | Event | Volume | Information |
| Volume Move - Cutover Deferred(ocumEvtVolumeMoveCutoverDeferred) | Risk | Volume | Warning |

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