

# List of events and severity types

Active IQ Unified Manager

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# 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(ocumEvtAggregat eStateOffline)	Incident	Aggregate	Critical
Aggregate Failed(ocumEvtAggregate StateFailed)	Incident	Aggregate	Critical
Aggregate Restricted(ocumEvtAggre gateStateRestricted)	Risk	Aggregate	Warning
Aggregate Reconstructing(ocumEvtA ggregateRaidStateRecon structing)	Risk	Aggregate	Warning
Aggregate Degraded(ocumEvtAggre gateRaidStateDegraded)	Risk	Aggregate	Warning
Cloud Tier Partially Reachable(ocumEventClo udTierPartiallyReachable)	Risk	Aggregate	Warning
Cloud Tier Unreachable(ocumEvent CloudTierUnreachable)	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(ocumEvtMetroClu sterAggregateLeftBehind)	Risk	Aggregate	Error
MetroCluster Aggregate Mirroring Degraded(ocumEvtMetro ClusterAggregateMirrorDe graded)	Risk	Aggregate	Error

## Impact area: capacity

Event name(Trap name)	Impact level	Source type	Severity
Aggregate Space Nearly Full(ocumEvtAggregateN earlyFull)	Risk	Aggregate	Warning
Aggregate Space Full(ocumEvtAggregateFu II)	Risk	Aggregate	Error
Aggregate Days Until Full(ocumEvtAggregateD aysUntilFullSoon)	Risk	Aggregate	Error
Aggregate Overcommitted(ocumEvtA ggregateOvercommitted)	Risk	Aggregate	Error
Aggregate Nearly Overcommitted(ocumEvtA ggregateAlmostOvercom mitted)	Risk	Aggregate	Warning

Event name(Trap name)	Impact level	Source type	Severity
Aggregate Snapshot Reserve Full(ocumEvtAggregateSn apReserveFull)	Risk	Aggregate	Warning
Aggregate Growth Rate Abnormal(ocumEvtAggre gateGrowthRateAbnormal )	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(ocumAggregate IopsIncident)	Incident	Aggregate	Critical
Aggregate IOPS Warning Threshold Breached(ocumAggregate IopsWarning)	Risk	Aggregate	Warning
Aggregate MB/s Critical Threshold Breached(ocumAggregate MbpsIncident)	Incident	Aggregate	Critical
Aggregate MB/s Warning Threshold Breached( ocumAggregateMbpsWar ning)	Risk	Aggregate	Warning

Event name(Trap name)	Impact level	Source type	Severity
Aggregate Latency Critical Threshold Breached(ocumAggregate LatencyIncident)	Incident	Aggregate	Critical
Aggregate Latency Warning Threshold Breached( ocumAggregateLatencyW arning)	Risk	Aggregate	Warning
Aggregate Performance Capacity Used Critical Threshold Breached(ocumAggregate PerfCapacityUsedIncident )	Incident	Aggregate	Critical
Aggregate Performance Capacity Used Warning Threshold Breached(ocumAggregate PerfCapacityUsedWarnin g)	Risk	Aggregate	Warning
Aggregate Utilization Critical Threshold Breached (ocumAggregateUtilizatio nIncident)	Incident	Aggregate	Critical
Aggregate Utilization Warning Threshold Breached (ocumAggregateUtilizatio nWarning)	Risk	Aggregate	Warning
Aggregate Disks Over- utilized Threshold Breached (ocumAggregateDisksOve rUtilizedWarning)	Risk	Aggregate	Warning
Aggregate Dynamic Threshold Breached (ocumAggregateDynamic EventWarning)	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(ocumEvtDisksNoSp ares)	Risk	Cluster	Warning
Cluster Not Reachable(ocumEvtClust erUnreachable)	Risk	Cluster	Error
Cluster Monitoring Failed(ocumEvtClusterMo nitoringFailed)	Risk	Cluster	Warning
Cluster FabricPool License Capacity Limits Breached (ocumEvtExternalCapacit yTierSpaceFull)	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 *(nvmfGracePeriodExpire d)	Risk	Cluster	Warning
Object Maintenance Window Started(objectMaintenanc eWindowStarted)	Event	Cluster	Critical

Event name (Trap name)	Impact level	Source type	Severity
Object Maintenance Window Ended(objectMaintenance WindowEnded)	Event	Cluster	Information
MetroCluster Spare Disks Left Behind(ocumEvtSpareDis kLeftBehind)	Risk	Cluster	Error
MetroCluster Automatic Unplanned Switchover Disabled(ocumEvtMccAut omaticUnplannedSwitchO verDisabled)	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(ocumConforma nceNodeImbalanceWarni ng)	Risk	Cluster	Warning
Cluster Cloud Tier Planning (clusterCloudTierPlanning Warning)	Risk	Cluster	Warning
FabricPool Mirror Replication Resync Completed *(waflCaResyncComplete )	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	Unified Manager event severity level	ONTAP EMS event severity level
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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(ocumClusterlop sIncident)	Incident	Cluster	Critical
Cluster IOPS Warning Threshold Breached(ocumClusterlop sWarning)	Risk	Cluster	Warning
Cluster MB/s Critical Threshold Breached(ocumClusterMb psIncident)	Incident	Cluster	Critical
Cluster MB/s Warning Threshold Breached(ocumClusterMb psWarning)	Risk	Cluster	Warning
Cluster Dynamic Threshold Breached(ocumClusterDy namicEventWarning)	Risk	Cluster	Warning

## Impact area: security

Event name(Trap name)	Impact level	Source type	Severity
AutoSupport HTTPS Transport Disabled(ocumClusterAS UPHttpsConfiguredDisabled)	Risk	Cluster	Warning
Log Forwarding Not Encrypted(ocumClusterAu ditLogUnencrypted)	Risk	Cluster	Warning
Default Local Admin User Enabled(ocumClusterDef aultAdminEnabled)	Risk	Cluster	Warning
FIPS Mode Disabled(ocumClusterFip sDisabled)	Risk	Cluster	Warning
Login Banner Disabled(ocumClusterLog inBannerDisabled)	Risk	Cluster	Warning
Login Banner Changed(ocumClusterLog inBannerChanged)	Risk	Cluster	Warning
Log Forwarding Destinations Changed(ocumLogForwar dDestinationsChanged)	Risk	Cluster	Warning
NTP Server Names Changed(ocumNtpServer NamesChanged)	Risk	Cluster	Warning
NTP Server Count is Low(securityConfigNTPS erverCountLowRisk)	Risk	Cluster	Warning
Cluster Peer Communication Not Encrypted(ocumClusterPe erEncryptionDisabled)	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(ocumClusterTeln etEnabled)	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(ocumClusterSe IfSignedCertificate)	Risk	Cluster	Warning
Cluster Remote Shell is Enabled(ocumClusterRsh Disabled)	Risk	Cluster	Warning

### **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.

Event name (Trap name)	Impact level	Source type	Severity
Flash Disks - Spare Blocks Almost Consumed(ocumEvtClust erFlashDiskFewerSpareBl ockError)	Risk	Cluster	Error
Flash Disks - No Spare Blocks(ocumEvtClusterFl ashDiskNoSpareBlockCrit ical)	Incident	Cluster	Critical

Event name (Trap name)	Impact level	Source type	Severity
Some Unassigned Disks(ocumEvtClusterUna ssignedDisksSome)	Risk	Cluster	Warning
Some Failed Disks(ocumEvtDisksSom eFailed)	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.

Event name (Trap name)	Impact level	Source type	Severity
Disk Shelf Fans Failed(ocumEvtShelfFanF ailed)	Incident	Storage shelf	Critical
Disk Shelf Power Supplies Failed(ocumEvtShelfPow erSupplyFailed)	Incident	Storage shelf	Critical
Disk Shelf Multipath Not Configured(ocumDiskShel fConnectivityNotInMultiPa th)  This event does not apply to:  Clusters that are in a MetroCluster configuration  The following platforms: FAS2554, FAS2552, FAS2520, and FAS2240	Risk	Node	Warning
Disk Shelf Path Failure(ocumDiskShelfCo nnectivityPathFailure)	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(ocumEvtFansOneOr MoreFailed)	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(ocumEvtFlashCar dOffline)	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(ocumEvtInodesAlmos tFull)	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(ocumEvtLifStatusD own)	Risk	Interface	Error
FC/FCoE Network Interface Status Down(ocumEvtFCLifStatu sDown)	Risk	Interface	Error
Network Interface Failover Not Possible(ocumEvtLifFailo verNotPossible)	Risk	Interface	Warning
Network Interface Not At Home Port(ocumEvtLifNotAtHo mePort)	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(ocumFcpLifMb psIncident)	Incident	Interface	Critical
FC Network Interface MB/s Warning Threshold Breached(ocumFcpLifMb psWarning)	Risk	Interface	Warning
NVMf FC Network Interface MB/s Critical Threshold Breached(ocumNvmfFcLif MbpsIncident)	Incident	Interface	Critical
NVMf FC Network Interface MB/s Warning Threshold Breached(ocumNvmfFcLif MbpsWarning)	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(igroupUnsupported OsType)	Incident	LUN	Warning
Single Active Path To Access LUN(ocumEvtLunSingleA ctivePath)	Risk	LUN	Warning
No Active Paths To Access LUN(ocumEvtLunNotRea chable)	Incident	LUN	Critical
No Optimized Paths To Access LUN(ocumEvtLunOptimiz edPathInactive)	Risk	LUN	Warning
No Paths To Access LUN From HA Partner(ocumEvtLunHaPa thInactive)	Risk	LUN	Warning
No Path to Access LUN from one Node in HA-pair(ocumEvtLunNodePat hStatusDown)	Risk	LUN	Error

## Impact area: capacity

Event name (Trap name)	Impact level	Source type	Severity
Insufficient Space For LUN Snapshot Copy(ocumEvtLunSnapsh otNotPossible)	Risk	Volume	Warning

## Impact area: configuration

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

## Impact area: performance

Event name (Trap name)	Impact level	Source type	Severity
LUN IOPS Critical Threshold Breached(ocumLunlopsIn cident)	Incident	LUN	Critical
LUN IOPS Warning Threshold Breached(ocumLunlopsW arning)	Risk	LUN	Warning
LUN MB/s Critical Threshold Breached(ocumLunMbpsl ncident)	Incident	LUN	Critical
LUN MB/s Warning Threshold Breached(ocumLunMbps Warning)	Risk	LUN	Warning
LUN Latency ms/op Critical Threshold Breached(ocumLunLaten cyIncident)	Incident	LUN	Critical
LUN Latency ms/op Warning Threshold Breached(ocumLunLaten cyWarning)	Risk	LUN	Warning
LUN Latency and IOPS Critical Threshold Breached(ocumLunLaten cylopsIncident)	Incident	LUN	Critical

Event name (Trap name)	Impact level	Source type	Severity
LUN Latency and IOPS Warning Threshold Breached(ocumLunLaten cylopsWarning)	Risk	LUN	Warning
LUN Latency and MB/s Critical Threshold Breached(ocumLunLaten cyMbpsIncident)	Incident	LUN	Critical
LUN Latency and MB/s Warning Threshold Breached(ocumLunLaten cyMbpsWarning)	Risk	LUN	Warning
LUN Latency and Aggregate Performance Capacity Used Critical Threshold Breached(ocumLunLaten cyAggregatePerfCapacity UsedIncident)	Incident	LUN	Critical
LUN Latency and Aggregate Performance Capacity Used Warning Threshold Breached(ocumLunLaten cyAggregatePerfCapacity UsedWarning)	Risk	LUN	Warning
LUN Latency and Aggregate Utilization Critical Threshold Breached(ocumLunLaten cyAggregateUtilizationInci dent)	Incident	LUN	Critical
LUN Latency and Aggregate Utilization Warning Threshold Breached(ocumLunLaten cyAggregateUtilizationWa rning)	Risk	LUN	Warning

Event name (Trap name)	Impact level	Source type	Severity
LUN Latency and Node Performance Capacity Used Critical Threshold Breached(ocumLunLaten cyNodePerfCapacityUsed Incident)	Incident	LUN	Critical
LUN Latency and Node Performance Capacity Used Warning Threshold Breached(ocumLunLaten cyNodePerfCapacityUsed Warning)	Risk	LUN	Warning
LUN Latency and Node Performance Capacity Used - Takeover Critical Threshold Breached(ocumLunLaten cyAggregatePerfCapacity UsedTakeoverIncident)	Incident	LUN	Critical
LUN Latency and Node Performance Capacity Used - Takeover Warning Threshold Breached(ocumLunLaten cyAggregatePerfCapacity UsedTakeoverWarning)	Risk	LUN	Warning
LUN Latency and Node Utilization Critical Threshold Breached(ocumLunLaten cyNodeUtilizationIncident)	Incident	LUN	Critical
LUN Latency and Node Utilization Warning Threshold Breached(ocumLunLaten cyNodeUtilizationWarning )	Risk	LUN	Warning
QoS LUN Max IOPS Warning Threshold Breached(ocumQosLunM axlopsWarning)	Risk	LUN	Warning

Event name (Trap name)	Impact level	Source type	Severity
QoS LUN Max MB/s Warning Threshold Breached(ocumQosLunM axMbpsWarning)	Risk	LUN	Warning
Workload LUN Latency Threshold Breached as defined by Performance Service Level Policy(ocumConformance LatencyWarning)	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(ocumEvtUnifiedMana gerDiskSpaceNearlyFull)	Risk	Management station	Warning
Management Server Disk Space Full(ocumEvtUnifiedMana gerDiskSpaceFull)	Incident	Management station	Critical
Management Server Low On Memory(ocumEvtUnified ManagerMemoryLow)	Risk	Management station	Warning
Management Server Almost Out Of Memory(ocumEvtUnified ManagerMemoryAlmostO ut)	Incident	Management station	Critical

Event name (Trap name)	Impact level	Source type	Severity
MySQL Log File Size Increased; Restart Required(ocumEvtMysqlL ogFileSizeWarning)	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(ocumEvtUnified ManagerDataMissingAnal yze)	Risk	Management station	Warning
Performance Data Collection Is Impacted(ocumEvtUnified ManagerDataMissingColl ection)	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(ocumEvtBrid geUnreachable)	Incident	MetroCluster Bridge	Critical
Bridge Temperature Abnormal(ocumEvtBridge TemperatureAbnormal)	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.

Event name (Trap name)	Impact level	Source type	Severity
All Inter-Switch Links Down(ocumEvtMetroClust erAllISLBetweenSwitches Down)	Incident	MetroCluster inter-switch connection	Critical
All Links Between MetroCluster Partners Down(ocumEvtMetroClust erAllLinksBetweenPartner sDown)	Incident	MetroCluster relationship	Critical
FC-SAS Bridge To Storage Stack Link Down(ocumEvtBridgeSas PortDown)	Incident	MetroCluster bridge stack connection	Critical

Event name (Trap name)	Impact level	Source type	Severity
MetroCluster Configuration Switched Over(ocumEvtMetroClust erDRStatusImpacted)	Risk	MetroCluster relationship	Warning
MetroCluster Configuration Partially Switched Over(ocumEvtMetroClust erDRStatusPartiallyImpac ted)	Risk	MetroCluster relationship	Error
MetroCluster Disaster Recovery Capability Impacted(ocumEvtMetroC lusterDRStatusImpacted)	Risk	MetroCluster relationship	Critical
MetroCluster Partners Not Reachable Over Peering Network(ocumEvtMetroCl usterPartnersNotReachab leOverPeeringNetwork)	Incident	MetroCluster relationship	Critical
Node To FC Switch All FC-VI Interconnect Links Down(ocumEvtMccNodeS witchFcviLinksDown)	Incident	MetroCluster node switch connection	Critical
Node To FC Switch One Or More FC-Initiator Links Down(ocumEvtMccNodeS witchFcLinksOneOrMore Down)	Risk	MetroCluster node switch connection	Warning
Node To FC Switch All FC-Initiator Links Down(ocumEvtMccNodeS witchFcLinksDown)	Incident	MetroCluster node switch connection	Critical
Switch To FC-SAS Bridge FC Link Down (ocumEvtMccSwitchBridg eFcLinksDown)	Incident	MetroCluster switch bridge connection	Critical
Inter Node All FC VI InterConnect Links Down (ocumEvtMccInterNodeLi nksDown)	Incident	Inter-node connection	Critical

Event name (Trap name)	Impact level	Source type	Severity
Inter Node One Or More FC VI InterConnect Links Down (ocumEvtMccInterNodeLinksOneOrMoreDown)	Risk	Inter-node connection	Warning
Node To Bridge Link Down (ocumEvtMccNodeBridge LinksDown)	Incident	Node bridge connection	Critical
Node to Storage Stack All SAS Links Down ( ocumEvtMccNodeStackLi nksDown)	Incident	Node stack connection	Critical
Node to Storage Stack One Or More SAS Links Down ( ocumEvtMccNodeStackLi nksOneOrMoreDown)	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.

Event name (Trap name)	Impact level	Source type	Severity
Switch Temperature Abnormal(ocumEvtSwitch TemperatureAbnormal)	Incident	MetroCluster Switch	Critical
Switch Unreachable(ocumEvtSwi tchUnreachable)	Incident	MetroCluster Switch	Critical
Switch Fans Failed(ocumEvtSwitchFan sOneOrMoreFailed)	Incident	MetroCluster Switch	Critical

Event na	me (Trap name)	Impact level	Source type	Severity
Failed(oc	ower Supplies umEvtSwitchPo iesOneOrMoreF	Incident	MetroCluster Switch	Critical
Sensors Failed(ocu	mperature umEvtSwitchTe eSensorFailed)	Incident	MetroCluster Switch	Critical
i	This event is applicable only for Cisco switches.			

## **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.

Event name (Trap name)	Impact level	Source type	Severity
NVMeNS Offline *(nvmeNamespaceStatus Offline)	Event	Namespace	Information
NVMeNS Online *(nvmeNamespaceStatus Online)	Event	Namespace	Information
NVMeNS Out of Space *(nvmeNamespaceSpace OutOfSpace)	Risk	Namespace	Warning
NVMeNS Destroy *(nvmeNamespaceDestro y)	Event	Namespace	Information

## Impact area: performance

Event name (Trap name)	Impact level	Source type	Severity
NVMe Namespace IOPS Critical Threshold Breached(ocumNvmeNa mespacelopsIncident)	Incident	Namespace	Critical
NVMe Namespace IOPS Warning Threshold Breached(ocumNvmeNa mespacelopsWarning)	Risk	Namespace	Warning
NVMe Namespace MB/s Critical Threshold Breached(ocumNvmeNa mespaceMbpsIncident)	Incident	Namespace	Critical
NVMe Namespace MB/s Warning Threshold Breached(ocumNvmeNa mespaceMbpsWarning)	Risk	Namespace	Warning
NVMe Namespace Latency ms/op Critical Threshold Breached(ocumNvmeNa mespaceLatencyIncident)	Incident	Namespace	Critical
NVMe Namespace Latency ms/op Warning Threshold Breached(ocumNvmeNa mespaceLatencyWarning)	Risk	Namespace	Warning
NVMe Namespace Latency and IOPS Critical Threshold Breached(ocumNvmeNa mespaceLatencylopsIncid ent)	Incident	Namespace	Critical
NVMe Namespace Latency and IOPS Warning Threshold Breached(ocumNvmeNa mespaceLatencyIopsWar ning)	Risk	Namespace	Warning

Event name (Trap name)	Impact level	Source type	Severity
NVMe Namespace Latency and MB/s Critical Threshold Breached(ocumNvmeNa mespaceLatencyMbpsInci dent)	Incident	Namespace	Critical
NVMe Namespace Latency and MB/s Warning Threshold Breached(ocumNvmeNa mespaceLatencyMbpsWa rning)	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.

Event name (Trap name)	Impact level	Source type	Severity
Node Root Volume Space Nearly Full(ocumEvtClusterNode RootVolumeSpaceNearly Full)	Risk	Node	Warning
Cloud AWS MetaDataConnFail *(ocumCloudAwsMetadat aConnFail)	Risk	Node	Error
Cloud AWS IAMCredsExpired *(ocumCloudAwslamCred sExpired)	Risk	Node	Error
Cloud AWS IAMCredsInvalid *(ocumCloudAwslamCred sInvalid)	Risk	Node	Error

Event name (Trap name)	Impact level	Source type	Severity
Cloud AWS IAMCredsNotFound *(ocumCloudAwslamCred sNotFound)	Risk	Node	Error
Cloud AWS IAMCredsNotInitialized *(ocumCloudAwslamCred sNotInitialized)	Event	Node	Information
Cloud AWS IAMRoleInvalid *(ocumCloudAwslamRoleI nvalid)	Risk	Node	Error
Cloud AWS IAMRoleNotFound *(ocumCloudAwslamRole NotFound)	Risk	Node	Error
Cloud Tier Host Unresolvable *(ocumObjstoreHostUnres olvable)	Risk	Node	Error
Cloud Tier Intercluster LIF Down *(ocumObjstoreInterClust erLifDown)	Risk	Node	Error
One of NFSv4 Pools Exhausted *(nbladeNfsv4PoolEXhau st)	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 *(ocumQosMonitorMemor yMaxed)	Risk	Node	Error

Event name (Trap name)	Impact level	Source type	Severity
QoS Monitor Memory Abated *(ocumQosMonitorMemor yAbated)	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(ocumNodelopsI ncident)	Incident	Node	Critical
Node IOPS Warning Threshold Breached(ocumNodelops Warning)	Risk	Node	Warning
Node MB/s Critical Threshold Breached(ocumNodeMbp sIncident)	Incident	Node	Critical
Node MB/s Warning Threshold Breached(ocumNodeMbp sWarning)	Risk	Node	Warning
Node Latency ms/op Critical Threshold Breached(ocumNodeLate ncyIncident)	Incident	Node	Critical
Node Latency ms/op Warning Threshold Breached(ocumNodeLate ncyWarning)	Risk	Node	Warning

Event name (Trap name)	Impact level	Source type	Severity
Node Performance Capacity Used Critical Threshold Breached(ocumNodePerf CapacityUsedIncident)	Incident	Node	Critical
Node Performance Capacity Used Warning Threshold Breached(ocumNodePerf CapacityUsedWarning)	Risk	Node	Warning
Node Performance Capacity Used - Takeover Critical Threshold Breached(ocumNodePerf CapacityUsedTakeoverIn cident)	Incident	Node	Critical
Node Performance Capacity Used - Takeover Warning Threshold Breached(ocumNodePerf CapacityUsedTakeoverW arning)	Risk	Node	Warning
Node Utilization Critical Threshold Breached (ocumNodeUtilizationIncid ent)	Incident	Node	Critical
Node Utilization Warning Threshold Breached (ocumNodeUtilizationWarning)	Risk	Node	Warning
Node HA Pair Over- utilized Threshold Breached (ocumNodeHaPairOverUti lizedInformation)	Event	Node	Information
Node Disk Fragmentation Threshold Breached (ocumNodeDiskFragment ationWarning)	Risk	Node	Warning

Event name (Trap name)	Impact level	Source type	Severity
Performance Capacity Used Threshold Breached (ocumNodeOverUtilizedW arning)	Risk	Node	Warning
Node Dynamic Threshold Breached (ocumNodeDynamicEvent Warning)		Node	Warning

#### Impact area: security

Event name (Trap name)	Impact level	Source type	Severity
Advisory ID: NTAP- <advisory id="">(ocumx)</advisory>	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(ocumEvtNvramBatter yLow)	Risk	Node	Warning
NVRAM Battery Discharged(ocumEvtNvra mBatteryDischarged)	Risk	Node	Error
NVRAM Battery Overly Charged(ocumEvtNvramB atteryOverCharged)	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(ocumEvtPortStatus Down)	Incident	Node	Critical

## Impact area: performance

Event name (Trap name)	Impact level	Source type	Severity
Network Port MB/s Critical Threshold Breached(ocumNetworkP ortMbpsIncident)	Incident	Port	Critical
Network Port MB/s Warning Threshold Breached(ocumNetworkP ortMbpsWarning)	Risk	Port	Warning
FCP Port MB/s Critical Threshold Breached(ocumFcpPortM bpsIncident)	Incident	Port	Critical
FCP Port MB/s Warning Threshold Breached(ocumFcpPortM bpsWarning)	Risk	Port	Warning
Network Port Utilization Critical Threshold Breached(ocumNetworkP ortUtilizationIncident)	Incident	Port	Critical
Network Port Utilization Warning Threshold Breached(ocumNetworkP ortUtilizationWarning)	Risk	Port	Warning
FCP Port Utilization Critical Threshold Breached(ocumFcpPortUt ilizationIncident)	Incident	Port	Critical

Event name (Trap name)	Impact level	Source type	Severity
FCP Port Utilization Warning Threshold Breached(ocumFcpPortUt ilizationWarning)	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(ocumEvtPowerS upplyOneOrMoreFailed)	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(ocumEvtProtection JobTaskFailed)	Incident	Volume or storage service	Critical
Protection Job Aborted(ocumEvtProtectio nJobAborted)	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(ocumEvtQtreeSpace NearlyFull)	Risk	Qtree	Warning
Qtree Space Full(ocumEvtQtreeSpace Full)	Risk	Qtree	Error
Qtree Space Normal(ocumEvtQtreeSp aceThresholdOk)	Event	Qtree	Information
Qtree Files Hard Limit Reached(ocumEvtQtreeFi lesHardLimitReached)	Incident	Qtree	Critical
Qtree Files Soft Limit Breached(ocumEvtQtreeF ilesSoftLimitBreached)	Risk	Qtree	Warning
Qtree Space Hard Limit Reached(ocumEvtQtreeS paceHardLimitReached)	Incident	Qtree	Critical
Qtree Space Soft Limit Breached(ocumEvtQtreeS paceSoftLimitBreached)	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.

Event name (Trap name)	Impact level	Source type	Severity
Service Processor Not Configured(ocumEvtServi ceProcessorNotConfigure d)	Risk	Node	Warning

Event name (Trap name)	Impact level	Source type	Severity
Service Processor Offline(ocumEvtServicePr ocessorOffline)	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(ocumEvtSnap mirrorRelationshipUnhealt hy)	Risk	SnapMirror relationship	Warning
Mirror Replication Broken- off(ocumEvtSnapmirrorRe lationshipStateBrokenoff)	Risk	SnapMirror relationship	Error
Mirror Replication Initialize Failed(ocumEvtSnapmirro rRelationshipInitializeFaile d)	Risk	SnapMirror relationship	Error
Mirror Replication Update Failed(ocumEvtSnapmirro rRelationshipUpdateFaile d)	Risk	SnapMirror relationship	Error

Event name (Trap name)	Impact level	Source type	Severity
Mirror Replication Lag Error(ocumEvtSnapMirror RelationshipLagError)	Risk	SnapMirror relationship	Error
Mirror Replication Lag Warning(ocumEvtSnapMir rorRelationshipLagWarnin g)	Risk	SnapMirror relationship	Warning
Mirror Replication Resync Failed(ocumEvtSnapmirro rRelationshipResyncFaile d)	Risk	SnapMirror relationship	Error
Synchronous Replication Out Of Sync *(syncSnapmirrorRelation shipOutofsync)	Risk	SnapMirror relationship	Warning
Synchronous Replication Restored *(syncSnapmirrorRelation shipInSync)	Event	SnapMirror relationship	Information
Synchronous Replication Auto Resync Failed *(syncSnapmirrorRelation shipAutoSyncRetryFailed)	Risk	SnapMirror relationship	Error

## **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(ocumEvtMirror VaultRelationshipUnhealt hy)	Risk	SnapMirror relationship	Warning
Asynchronous Mirror and Vault Broken- off(ocumEvtMirrorVaultRe lationshipStateBrokenoff)	Risk	SnapMirror relationship	Error
Asynchronous Mirror and Vault Initialize Failed(ocumEvtMirrorVaul tRelationshipInitializeFaile d)	Risk	SnapMirror relationship	Error
Asynchronous Mirror and Vault Update Failed(ocumEvtMirrorVaul tRelationshipUpdateFaile d)	Risk	SnapMirror relationship	Error
Asynchronous Mirror and Vault Lag Error(ocumEvtMirrorVault RelationshipLagError)	Risk	SnapMirror relationship	Error
Asynchronous Mirror and Vault Lag Warning(ocumEvtMirrorV aultRelationshipLagWarning)	Risk	SnapMirror relationship	Warning
Asynchronous Mirror and Vault Resync Failed(ocumEvtMirrorVaul tRelationshipResyncFaile d)	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(ocumEvtSnap VaultRelationshipUnhealt hy)	Risk	SnapMirror relationship	Warning
Asynchronous Vault Broken- off(ocumEvtSnapVaultRel ationshipStateBrokenoff)	Risk	SnapMirror relationship	Error
Asynchronous Vault Initialize Failed(ocumEvtSnapVault RelationshipInitializeFaile d)	Risk	SnapMirror relationship	Error
Asynchronous Vault Update Failed(ocumEvtSnapVault RelationshipUpdateFailed )	Risk	SnapMirror relationship	Error

Event name (Trap name)	Impact level	Source type	Severity
Asynchronous Vault Lag Error(ocumEvtSnapVault RelationshipLagError)	Risk	SnapMirror relationship	Error
Asynchronous Vault Lag Warning(ocumEvtSnapVa ultRelationshipLagWarnin g)	Risk	SnapMirror relationship	Warning
Asynchronous Vault Resync Failed(ocumEvtSnapvault RelationshipResyncFailed )	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(ocumEvtSfoInterco nnectOneOrMoreLinksDo wn)	Risk	Node	Warning
Storage Failover Disabled(ocumEvtSfoSetti ngsDisabled)	Risk	Node	Error
Storage Failover Not Configured(ocumEvtSfoS ettingsNotConfigured)	Risk	Node	Error
Storage Failover State - Takeover(ocumEvtSfoStat eTakeover)	Risk	Node	Warning

Event name (Trap name)	Impact level	Source type	Severity
Storage Failover State - Partial Giveback(ocumEvtSfoStat ePartialGiveback)	Risk	Node	Error
Storage Failover Node Status Down(ocumEvtSfoNodeSt atusDown)	Risk	Node	Error
Storage Failover Takeover Not Possible(ocumEvtSfoTak eoverNotPossible)	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 RelationshipocumEvtStor ageServiceUnsupportedR elationshipDeletion	Risk	Storage service	Warning

Event name (Trap name)	Impact level	Source type	Severity
Unexpected Deletion of Storage Service Member Volume(ocumEvtStorage ServiceUnexpectedVolum eDeletion)	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(ocumEvtShelfVolt ageAbnormal)	Risk	Storage shelf	Warning
Abnormal Current Range(ocumEvtShelfCurr entAbnormal)	Risk	Storage shelf	Warning
Abnormal Temperature(ocumEvtSh elfTemperatureAbnormal)	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(ocumEvtVserverCif sServiceStatusDown)	Incident	SVM	Critical

Event name (Trap name)	Impact level	Source type	Severity
SVM CIFS Service Not Configured(Not applicable)	Event	SVM	Information
Attempts to Connect Nonexistent CIFS Share *(nbladeCifsNoPrivShare)	Incident	SVM	Critical
CIFS NetBIOS Name Conflict *(nbladeCifsNbNameConf lict)	Risk	SVM	Error
CIFS Shadow Copy Operation Failed *(cifsShadowCopyFailure)	Risk	SVM	Error
Many CIFS Connections *(nbladeCifsManyAuths)	Risk	SVM	Error
Max CIFS Connection Exceeded *(nbladeCifsMaxOpenSa meFile)	Risk	SVM	Error
Max Number of CIFS Connection Per User Exceeded *(nbladeCifsMaxSessPer UsrConn)	Risk	SVM	Error
SVM FC/FCoE Service Down(ocumEvtVserverFc ServiceStatusDown)	Incident	SVM	Critical
SVM iSCSI Service Down(ocumEvtVserverIsc siServiceStatusDown)	Incident	SVM	Critical
SVM NFS Service Down(ocumEvtVserverNf sServiceStatusDown)	Incident	SVM	Critical
SVM FC/FCoE Service Not Configured(Not applicable)	Event	SVM	Information

Event name (Trap name)	Impact level	Source type	Severity
SVM iSCSI Service Not Configured(Not applicable)	Event	SVM	Information
SVM NFS Service Not Configured(Not applicable)	Event	SVM	Information
SVM Stopped(ocumEvtVserver Down)	Risk	SVM	Warning
AV Server too Busy to Accept New Scan Request *(nbladeVscanConnBack Pressure)	Risk	SVM	Error
No AV Server Connection for Virus Scan *(nbladeVscanNoScanner Conn)	Incident	SVM	Critical
No AV Server Registered *(nbladeVscanNoRegdSc anner)	Risk	SVM	Error
No Responsive AV Server Connection *(nbladeVscanConnInacti ve)	Event	SVM	Information
Unauthorized User Attempt to AV Server *(nbladeVscanBadUserPri vAccess)	Risk	SVM	Error
Virus Found By AV Server *(nbladeVscanVirusDetect ed)		SVM	Error

## Impact area: configuration

Event name (Trap name)	Impact level	Source type	Severity
SVM Discovered(Not applicable)	Event	SVM	Information

Event name (Trap name)	Impact level	Source type	Severity
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(ocumSvmlopsI ncident)	Incident	SVM	Critical
SVM IOPS Warning Threshold Breached(ocumSvmlops Warning)	Risk	SVM	Warning
SVM MB/s Critical Threshold Breached(ocumSvmMbps Incident)	Incident	SVM	Critical
SVM MB/s Warning Threshold Breached(ocumSvmMbps Warning)	Risk	SVM	Warning
SVM Latency Critical Threshold Breached(ocumSvmLaten cylncident)	Incident	SVM	Critical
SVM Latency Warning Threshold Breached(ocumSvmLaten cyWarning)	Risk	SVM	Warning

## Impact area: security

Event name (Trap name)	Impact level	Source type	Severity
Audit Log Disabled(ocumVserverAu ditLogDisabled)	Risk	SVM	Warning

Event name (Trap name)	Impact level	Source type	Severity
Login Banner Disabled(ocumVserverLoginBannerDisabled)	Risk	SVM	Warning
SSH is Using Insecure Ciphers(ocumVserverSS HInsecure)	Risk	SVM	Warning
Login Banner Changed(ocumVserverLo ginBannerChanged)	Risk	SVM	Warning
Storage VM anti- ransomware monitoring is Disabled (antiRansomwareSvmStat eDisabled)	Risk	SVM	Warning
Storage VM anti- ransomware monitoring is Enabled (Learning Mode) (antiRansomwareSvmStat eDryrun)	Event	SVM	Information
Storage VM suitable for anti-ransomware monitoring (Learning Mode) (ocumEvtSvmArwCandida te)	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(ocumEvtUserO rGroupQuotaDiskSpaceS oftLimitBreached)	Risk	User or group quota	Warning

Event name (Trap name)	Impact level	Source type	Severity
User or Group Quota Disk Space Hard Limit Reached(ocumEvtUserOr GroupQuotaDiskSpaceHa rdLimitReached)	Incident	User or group quota	Critical
User or Group Quota File Count Soft Limit Breached(ocumEvtUserO rGroupQuotaFileCountSof tLimitBreached)	Risk	User or group quota	Warning
User or Group Quota File Count Hard Limit Reached(ocumEvtUserOr GroupQuotaFileCountHar dLimitReached)	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(ocumEvtVolum eRestricted)	Risk	Volume	Warning
Volume Offline(ocumEvtVolumeOf fline)	Incident	Volume	Critical
Volume Partially Available(ocumEvtVolume PartiallyAvailable)	Risk	Volume	Error
Volume Unmounted(Not applicable)	Event	Volume	Information

Event name (Trap name)	Impact level	Source type	Severity
Volume Mounted(Not applicable)	Event	Volume	Information
Volume Remounted(Not applicable)	Event	Volume	Information
Volume Junction Path Inactive(ocumEvtVolumeJ unctionPathInactive)	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(ocumThinProvisionV olumeSpaceAtRisk)	Risk	Volume	Warning
Volume Space Full(ocumEvtVolumeFull)	Risk	Volume	Error
Volume Space Nearly Full(ocumEvtVolumeNearl yFull)	Risk	Volume	Warning
Volume Logical Space Full *(volumeLogicalSpaceFull )	Risk	Volume	Error

Event name (Trap name)	Impact level	Source type	Severity
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
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

Event name (Trap name)	Impact level	Source type	Severity
Volume Snapshot Reserve Days Until Full(ocumEvtVolumeSnap shotReserveDaysUntilFull Soon)	Risk	Volume	Error
FlexGroup Constituents Have Space Issues *(flexGroupConstituentsH aveSpaceIssues)	Risk	Volume	Error
FlexGroup Constituents Space Status All OK *(flexGroupConstituentsS paceStatusAllOK)	Event	Volume	Information
FlexGroup Constituents Have Inodes Issues *(flexGroupConstituentsH aveInodesIssues)	Risk	Volume	Error
FlexGroup Constituents Inodes Status All OK *(flexGroupConstituentsIn odesStatusAllOK)	Event	Volume	Information
WAFL Volume AutoSize Fail *(waflVolAutoSizeFail)	Risk	Volume	Error
WAFL Volume AutoSize Done *(waflVolAutoSizeDone)	Event	Volume	Information
FlexGroup Volume Is Over 80% Utilized*	Incident	Volume	Error
FlexGroup Volume Is Over 90% Utilized*	Incident	Volume	Critical
Volume storage efficiency anomaly (ocumVolumeAbnormalSt orageEfficiencyWarning)	Risk	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
QoS Volume Max IOPS/TB Warning Threshold Breached(ocumQosVolumeMaxIopsPerTbWarning)	Risk	Volume	Warning
Workload Volume Latency Threshold Breached as defined by Performance Service Level Policy(ocumConformance LatencyWarning)	Risk	Volume	Warning
Volume IOPS Critical Threshold Breached(ocumVolumelo psIncident)	Incident	Volume	Critical

Event name (Trap name)	Impact level	Source type	Severity
Volume IOPS Warning Threshold Breached(ocumVolumelo psWarning)	Risk	Volume	Warning
Volume MB/s Critical Threshold Breached(ocumVolumeM bpsIncident)	Incident	Volume	Critical
Volume MB/s Warning Threshold Breached(ocumVolumeM bpsWarning)	Risk	Volume	Warning
Volume Latency ms/op Critical Threshold Breached(ocumVolumeLa tencyIncident)	Incident	Volume	Critical
Volume Latency ms/op Warning Threshold Breached(ocumVolumeLa tencyWarning)	Risk	Volume	Warning
Volume Cache Miss Ratio Critical Threshold Breached(ocumVolumeC acheMissRatioIncident)	Incident	Volume	Critical
Volume Cache Miss Ratio Warning Threshold Breached(ocumVolumeC acheMissRatioWarning)	Risk	Volume	Warning
Volume Latency and IOPS Critical Threshold Breached(ocumVolumeLa tencylopsIncident)	Incident	Volume	Critical
Volume Latency and IOPS Warning Threshold Breached(ocumVolumeLa tencylopsWarning)	Risk	Volume	Warning

Event name (Trap name)	Impact level	Source type	Severity
Volume Latency and MB/s Critical Threshold Breached(ocumVolumeLa tencyMbpsIncident)	Incident	Volume	Critical
Volume Latency and MB/s Warning Threshold Breached(ocumVolumeLa tencyMbpsWarning)	Risk	Volume	Warning
Volume Latency and Aggregate Performance Capacity Used Critical Threshold Breached(ocumVolumeLa tencyAggregatePerfCapa cityUsedIncident)	Incident	Volume	Critical
Volume Latency and Aggregate Performance Capacity Used Warning Threshold Breached(ocumVolumeLa tencyAggregatePerfCapa cityUsedWarning)	Risk	Volume	Warning
Volume Latency and Aggregate Utilization Critical Threshold Breached(ocumVolumeLa tencyAggregateUtilizationI ncident)	Incident	Volume	Critical
Volume Latency and Aggregate Utilization Warning Threshold Breached(ocumVolumeLa tencyAggregateUtilization Warning)	Risk	Volume	Warning
Volume Latency and Node Performance Capacity Used Critical Threshold Breached(ocumVolumeLa tencyNodePerfCapacityU sedIncident)	Incident	Volume	Critical

Event name (Trap name)	Impact level	Source type	Severity
Volume Latency and Node Performance Capacity Used Warning Threshold Breached(ocumVolumeLa tencyNodePerfCapacityU sedWarning)	Risk	Volume	Warning
Volume Latency and Node Performance Capacity Used - Takeover Critical Threshold Breached(ocumVolumeLa tencyAggregatePerfCapa cityUsedTakeoverIncident )	Incident	Volume	Critical
Volume Latency and Node Performance Capacity Used - Takeover Warning Threshold Breached(ocumVolumeLa tencyAggregatePerfCapa cityUsedTakeoverWarnin g)	Risk	Volume	Warning
Volume Latency and Node Utilization Critical Threshold Breached(ocumVolumeLa tencyNodeUtilizationIncid ent)	Incident	Volume	Critical
Volume Latency and Node Utilization Warning Threshold Breached(ocumVolumeLa tencyNodeUtilizationWarn ing)	Risk	Volume	Warning

# Impact area: security

Event name (Trap name)	Impact level	Source type	Severity
Volume anti-ransomware monitoring is Enabled (Active Mode) (antiRansomwareVolume StateEnabled)	Event	Volume	Information

Event name (Trap name)	Impact level	Source type	Severity
Volume anti-ransomware monitoring is Disabled (antiRansomwareVolume StateDisabled)	Risk	Volume	Warning
Volume anti-ransomware monitoring is Enabled (Learning Mode) (antiRansomwareVolume StateDryrun)	Event	Volume	Information
Volume anti-ransomware monitoring is Paused (Learning Mode) (antiRansomwareVolume StateDryrunPaused)	Risk	Volume	Warning
Volume anti-ransomware monitoring is Paused (Active Mode) (antiRansomwareVolume StateEnablePaused)	Risk	Volume	Warning
Volume anti-ransomware monitoring is Disabling (antiRansomwareVolume StateDisableInProgress)	Risk	Volume	Warning
Ransomware Activity Seen (callHomeRansomwareAc tivitySeen)	Incident	Volume	Critical
Volume suitable for anti- ransomware monitoring (Learning Mode) (ocumEvtVolumeArwCan didate)	Event	Volume	Information
Volume suitable for anti- ransomware monitoring (Active Mode) (ocumVolumeSuitedForAc tiveAntiRansomwareDete ction)	Risk	Volume	Warning

Event name (Trap name)	Impact level	Source type	Severity
Volume exhibits noisy anti-ransomware alerting (antiRansomwareFeature NoisyVolume)	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(ocumEvtVolumeM oveFailed)	Risk	Volume	Error
Volume Move Status: Completed(Not applicable)	Event	Volume	Information
Volume Move - Cutover Deferred(ocumEvtVolume MoveCutoverDeferred)	Risk	Volume	Warning

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