



List of events and severity types

Active IQ Unified Manager 9.9

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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(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.

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(ocumEvtDisksNoSpares)
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

Event name(Trap name)
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
Object Maintenance Window Ended(objectMaintenanceWindowEnded)
Event
Cluster
Information
MetroCluster Spare Disks Left Behind(ocumEvtSpareDiskLeftBehind)
Risk

Event name(Trap name)
Cluster
Error
MetroCluster Automatic Unplanned Switchover Disabled(ocumEvtMccAutomaticUnplannedSwitchOverDisabled)
Risk
Cluster
Warning

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 *(wafCaResyncComplete)
Event
Cluster

Event name(Trap name)
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 name(Trap name)
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

Event name(Trap name)
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

Event name(Trap name)
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

Event name(Trap name)
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

Event name(Trap name)
Cluster
Warning
NTP Server Count is Low(securityConfigNTPServerCountLowRisk)
Risk
Cluster
Warning
Cluster Peer Communication Not Encrypted(ocumClusterPeerEncryptionDisabled)
Risk
Cluster
Warning
SSH is Using Insecure Ciphers(ocumClusterSSHInsecure)
Risk
Cluster
Warning
Telnet Protocol Enabled(ocumClusterTelnetEnabled)
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.

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
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

Event name(Trap name)
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
FC/FCoE Network Interface Status Down(ocumEvtFCLifStatusDown)
Risk
Interface
Error
Network Interface Failover Not Possible(ocumEvtLifFailoverNotPossible)
Risk
Interface

Event name(Trap name)
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)

Event name(Trap name)
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
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

Event name(Trap name)
LUN
Critical
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
LUN MB/s Critical Threshold Breached(ocumLunMbpsIncident)
Incident
LUN

Event name(Trap name)
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)

Event name(Trap name)
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
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)

Event name(Trap name)
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
LUN Latency and Node Performance Capacity Used - Takeover Warning Threshold Breached(ocumLunLatencyAggregatePerfCapacityUsedTakeoverWarning)
Risk
LUN
Warning
LUN Latency and Node Utilization Critical Threshold Breached(ocumLunLatencyNodeUtilizationIncident)

Event name(Trap name)
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)

Event name(Trap name)
Incident
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

Event name(Trap name)
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

Event name(Trap name)
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
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)

Event name(Trap name)
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
Switch Temperature Sensors Failed(ocumEvtSwitchTemperatureSensorFailed)
 This event is applicable only for Cisco switches.

Event name(Trap name)
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

Event name(Trap name)
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(ocumNvmeNamespacelopsIncident)
Incident
Namespace
Critical
NVMe Namespace IOPS Warning Threshold Breached(ocumNvmeNamespacelopsWarning)
Risk
Namespace
Warning
NVMe Namespace MB/s Critical Threshold Breached(ocumNvmeNamespaceMbpsIncident)
Incident
Namespace
Critical
NVMe Namespace MB/s Warning Threshold Breached(ocumNvmeNamespaceMbpsWarning)

Event name(Trap name)
Risk
Namespace
Warning
NVMe Namespace Latency ms/op Critical Threshold Breached(ocumNvmeNamespaceLatencyIncident)
Incident
Namespace
Critical
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)

Event name(Trap name)
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

Event name(Trap name)
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

Event name(Trap name)
Cloud AWS IAMRoleNotFound *(ocumCloudAwsIamRoleNotFound)
Risk
Node
Error
Cloud Tier Host Unresolvable *(ocumObjstoreHostUnresolvable)
Risk
Node
Error
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

Event name(Trap name)
Node IOPS Critical Threshold Breached(ocumNodeIopsIncident)
Incident
Node
Critical
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

Event name(Trap name)
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
Node Performance Capacity Used - Takeover Warning Threshold Breached(ocumNodePerfCapacityUsedTakeoverWarning)
Risk
Node
Warning
Node Utilization Critical Threshold Breached (ocumNodeUtilizationIncident)
Incident
Node

Event name(Trap name)
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

Event name(Trap name)
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

Event name(Trap name)
Critical
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)

Event name(Trap name)
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

Event name(Trap name)
Qtree Space Full(ocumEvtQtreeSpaceFull)
Risk
Qtree
Error
Qtree Space Normal(ocumEvtQtreeSpaceThresholdOk)
Event
Qtree
Information
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

Event name(Trap name)
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

Event name(Trap name)
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
Synchronous Replication Restored *(syncSnapmirrorRelationshipInSync)
Event
SnapMirror relationship
Information
Synchronous Replication Auto Resync Failed *(syncSnapmirrorRelationshipAutoSyncRetryFailed)
Risk

Event name(Trap name)
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(ocumEvtMirrorVaultRelationshipUnhealthy)
Risk
SnapMirror relationship
Warning
Asynchronous Mirror and Vault Broken-off(ocumEvtMirrorVaultRelationshipStateBrokenoff)
Risk
SnapMirror relationship
Error
Asynchronous Mirror and Vault Initialize Failed(ocumEvtMirrorVaultRelationshipInitializeFailed)
Risk

Event name(Trap name)
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

Event name(Trap name)
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
Asynchronous Vault Update Failed(ocumEvtSnapVaultRelationshipUpdateFailed)
Risk
SnapMirror relationship
Error
Asynchronous Vault Lag Error(ocumEvtSnapVaultRelationshipLagError)
Risk
SnapMirror relationship
Error
Asynchronous Vault Lag Warning(ocumEvtSnapVaultRelationshipLagWarning)

Event name(Trap name)
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

Event name(Trap name)
Error
Storage Failover Not Configured(ocumEvtSfoSettingsNotConfigured)
Risk
Node
Error
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

Event name(Trap name)
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

Event name(Trap name)
Storage shelf
Warning
Abnormal Temperature(ocumEvtShelfTemperatureAbnormal)
Risk
Storage shelf
Warning

Storage VM events

Storage VM 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.

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)

Event name(Trap name)
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

Event name(Trap name)
Error
SVM FC/FCoE Service Down(ocumEvtVserverFcServiceStatusDown)
Incident
SVM
Critical
SVM iSCSI Service Down(ocumEvtVserverIscsiServiceStatusDown)
Incident
SVM
Critical
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 name(Trap name)
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

Event name(Trap name)
Information
Unauthorized User Attempt to AV Server *(nbladeVscanBadUserPrivAccess)
Risk
SVM
Error
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 name(Trap name)
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

Event name(Trap name)
Warning
SVM Latency Critical Threshold Breached(ocumSvmLatencyIncident)
Incident
SVM
Critical
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)

Event name(Trap name)
Risk
SVM
Warning
Login Banner Changed(ocumVserverLoginBannerChanged)
Risk
SVM
Warning

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

Event name(Trap name)
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

Event name(Trap name)
Warning
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)

Event name(Trap name)
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

Event name(Trap name)
Source type
Severity
Thin-Provisioned Volume Space At Risk(ocumThinProvisionVolumeSpaceAtRisk)
Risk
Volume
Warning
Volume Space Full(ocumEvtVolumeFull)
Risk
Volume
Error
Volume Space Nearly Full(ocumEvtVolumeNearlyFull)
Risk
Volume
Warning
Volume Logical Space Full *(volumeLogicalSpaceFull)
Risk
Volume
Error
Volume Logical Space Nearly Full *(volumeLogicalSpaceNearlyFull)
Risk
Volume
Warning

Event name(Trap name)
Volume Logical Space Normal *(volumeLogicalSpaceAllOK)
Event
Volume
Information
Volume Snapshot Reserve Space Full(ocumEvtSnapshotFull)
Risk
Volume
Warning
Too Many Snapshot Copies(ocumEvtSnapshotTooMany)
Risk
Volume
Error
Volume Qtree Quota Overcommitted(ocumEvtVolumeQtreeQuotaOvercommitted)
Risk
Volume
Error
Volume Qtree Quota Nearly Overcommitted(ocumEvtVolumeQtreeQuotaAlmostOvercommitted)
Risk
Volume
Warning
Volume Growth Rate Abnormal(ocumEvtVolumeGrowthRateAbnormal)
Risk

Event name(Trap name)
Volume
Warning
Volume Days Until Full(ocumEvtVolumeDaysUntilFullSoon)
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
Volume Snapshot Reserve Days Until Full(ocumEvtVolumeSnapshotReserveDaysUntilFullSoon)
Risk
Volume
Error

Event name(Trap name)
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

Event name(Trap name)
Volume
Information

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

Event name(Trap name)
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(ocumConformanceLatencyWarning)
Risk
Volume
Warning
Volume IOPS Critical Threshold Breached(ocumVolumelopsIncident)
Incident
Volume
Critical
Volume IOPS Warning Threshold Breached(ocumVolumelopsWarning)

Event name(Trap name)
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

Event name(Trap name)
Critical
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

Event name(Trap name)
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
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

Event name(Trap name)
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
Volume Latency and Node Utilization Warning Threshold Breached(ocumVolumeLatencyNodeUtilizationWarning)
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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