Quest® Change Auditor for VMware® 7.0

Event Reference Guide

Legend

> ⚠ **CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.**

> ℹ **IMPORTANT NOTE**, **NOTE**, **TIP**, **MOBILE**, or **VIDEO:** An information icon indicates supporting information.

Change Auditor for VMware Event Reference Guide
Updated - February 2020
Software Version - 7.0

Contents

Introduction

Proper auditing and log management for your VMware vCenter Server infrastructure components are critical for security and compliance, but they can prove difficult in practice using native auditing tools. To facilitate the management of this, Change Auditor automatically monitors vital changes to VMware's infrastructure, including datacenters, hosts, virtual machines and other resources associated with vCenter or ESX hosts.

Alerts will be raised to show the pertinent (who, where, what, and when) information and reports will be available to provide associated information.

> **i** | **NOTE:** An agent is required for the auditing of these events. Therefore activity done through cellular, mobile, or browser will not be captured as part of the auditing process.

This guide lists the events that can be captured by Change Auditor for VMware. Separate event reference guides are provided that list the core Change Auditor events (Change Auditor internal events, Custom Registry Monitoring, Fault Tolerance, Local Group Monitoring, Local User Monitoring, Service Monitoring, and System Events) and the events captured when the different auditing modules are licensed.

Change Auditor for VMware Events

This section lists the audited events captured by Change Auditor for VMware.

i | **IMPORTANT:** When expecting large numbers of events, it may be necessary to increase the Max Events per Connection setting in the client (Agent Configuration on the Administration Tasks tab) to avoid an ever-increasing backlog of events waiting to be sent from the agent to the coordinator database.

i | **NOTE:** To view a complete list of all the events, open the Audit Events page on the Administration Tasks tab in the Change Auditor for VMware client. This page displays the facility to which the event belongs, the severity assigned to each event, and if the event is enabled or disabled.

VMware Account

Table 1. VMware Account event

Event	Description	Severity
Vim Account Password Changed	Created when the password for the Vim account on the host is changed. **NOTE:** The Vim account is created by VirtualCenter and is used to manage the host.	High

VMware Alarm

Table 2. VMware Alarm events

Event	Description	Severity
Alarm Action Triggered	Created when an alarm is triggered.	Medium
Alarm Created	Created when an alarm is created.	Medium
Alarm Email Completed	Created when an alarm email notification is completed.	Medium
Alarm Email Failed	Created when an alarm email notification fails to complete.	High
Alarm Event	Created when an alarm event occurs.	Medium
Alarm Reconfigured	Created when an alarm is reconfigured.	Medium
Alarm Removed	Created when an alarm is removed.	Medium
Alarm Script Complete Event	Created when an alarm-triggered script is completed.	Low
Alarm Script Failed	Created when an alarm-triggered script fails to complete.	Medium
Alarm Snmp Completed	Created when an alarm SNMP notification is completed. (Disabled by default)	Medium

Table 2. VMware Alarm events

Event	Description	Severity
Alarm Snmp Failed	Created when an alarm SNMP notification fails to complete.	Medium
Alarm Status Changed	Created when the status of an alarm changes.	Medium

VMware Authorization

Table 3. VMware Authorization events

Event	Description	Severity
Authorization Event	Created when an authorization event occurs. (Disabled by default)	Medium
Permission Added	Created when a permission is created.	Medium
Permission Event	Created when a permission operation occurs. (Disabled by default)	Medium
Permission Removed	Created when a permission is removed.	Medium
Permission Updated	Created when a permission is updated.	Medium
Role Added	Created when a role is created.	Medium
Role Event	Created when a role operation occurs.	Medium
Role Removed	Created when a role is removed.	Medium
Role Updated	Created when a role is updated.	Medium

VMware Cluster

Table 4. VMware Cluster events

Event	Description	Severity
Cluster Compliance Checked	Created when a cluster is checked for compliance with a host profile or for specific cluster requirements and settings.	Low
Cluster Created	Created when a cluster is created.	High
Cluster Destroyed	Created when a cluster is destroyed.	High
Cluster Event	Created when a cluster event occurs. (Disabled by default)	Medium
Cluster Overcommitted	Created when a cluster's host capacity cannot satisfy resource configuration constraints.	Medium
Cluster Reconfigured	Created when a cluster is reconfigured.	Medium
Cluster Status Changed	Created when a cluster's overall status changes.	Medium
Das Admission Control Disabled	Created when admission control checks are disabled in a high availability (HA) cluster.	Medium
Das Admission Control Enabled	Created when admission control checks are enabled in a HA cluster.	Medium
Das Agent Found Event	Created when the VirtualCenter re-establishes contact with a primary host in a HA cluster.	Medium
Das Agent Unavailable Event	Created when the VirtualCenter cannot contact any of the primary hosts in a HA cluster.	Medium
Das Cluster Isolated	Created when all hosts have been isolated from the network in a HA cluster.	Medium

Table 4. VMware Cluster events

Event	Description	Severity
Das Disabled	Created when a cluster is disabled for HA.	High
Das Enabled	Created when a cluster is enabled for HA.	Medium
Das Host Failed	Created when the HA detects a host failure.	High
Das Host Isolated	Created when an isolated host regains network connectivity.	Medium
Drs Disabled	Created when the Distributed Resource Scheduler (DRS) is disabled on a cluster.	High
Drs Enabled	Created when DRS is enabled on a cluster.	Medium
Drs Invocation Failed	Created when DRS invocation fails to complete.	High
Drs Recovered From Failure	Created when DRS has recovered from a failure.	High
Failover Level Restored	Created when the amount of cluster resources increases to where it is sufficient to satisfy the configured HA failover level.	Medium
Host Monitoring State Changed	Created when the host monitoring state is changed.	Medium
Host Overcommitted	Created when a host's capacity cannot satisfy resource configuration constraints.	Medium
Host Status Changed	Created when a host's overall status is changed.	Medium
Insufficient Failover Resources Event	Created when the cluster resources are insufficient to satisfy the configured HA failover level.	Medium
Vm Health Monitoring State Changed	Created when the host monitoring state is changed.	High

VMware Custom Field

Table 5. VMware Custom Field events

Event	Description	Severity
Custom Field Def Added	Created when a custom field definition is added. (Disabled by default)	Low
Custom Field Def Event	Created when a custom field definition event occurs. (Disabled by default)	Low
Custom Field Def Removed	Created when a custom field definition is removed. (Disabled by default)	Low
Custom Field Def Renamed	Created when a custom field definition is renamed. (Disabled by default)	Low
Custom Field Event	Created when a custom field event occurs. (Disabled by default)	Low
Custom Field Value Changed	Created when a change is made to a custom field value for a particular entity. (Disabled by default)	Low

VMware Datacenter

Table 6. VMware Datacenter events

Event	Description	Severity
Datacenter Created	Created when a datacenter object is created.	High

Table 6. VMware Datacenter events

Event	Description	Severity
Datacenter Event	Created when a datacenter event occurs. (Disabled by default)	Medium
Datacenter Renamed	Created when a datacenter object is renamed.	Medium

VMware DataStore

Table 7. VMware DataStore events

Event	Description	Severity
Datastore Capacity Increased	Created when a datastore's capacity is increased, which may be a result of extending or expanding a datastore.	Medium
Datastore Destroyed	Created when a datastore is removed from VirtualCenter.	High
Datastore Duplicated	Created when a duplicate datastore name is found.	Medium
Datastore Event	Created when a datastore event occurs.	Medium
Datastore File Copied	Created when a file or directory is copied to a datastore.	Medium
Datastore File Deleted	Created when a file or directory is deleted from a datastore.	High
Datastore File Event	Created when an event related to datastore file and directory operations occur.	Medium
Datastore File Moved	Created when a file or directory is moved to a different datastore.	Medium
Datastore IORMReconfigured	Created when the configuration of storage I/O resource management for a datastore is changed.	Medium
Datastore Renamed	Created when a datastore is renamed.	Medium
Non VIWorkload Detected On Datastore	Created when a non-VI workload is detected on the datastore.	Medium

VMware DVPortgroup

Table 8. VMware DVPortgroup events

Event	Description	Severity
DVPortgroup Created	Created when the distributed virtual portgroup is created. (Disabled by default)	Medium
DVPortgroup Destroyed	Created when the distributed virtual portgroup is deleted. (Disabled by default)	Medium
DVPortgroup Event	Created when a DVPortgroup related event occurs. (Disabled by default)	Medium
DVPortgroup Reconfigured	Created when the distributed virtual portgroup is reconfigured. (Disabled by default)	Medium
DVPortgroup Renamed	Created when the distributed virtual portgroup is renamed. (Disabled by default)	Medium

VMware Dvs

Table 9. VMware Dvs events

Event	Description	Severity
Dvs Created	Created when a distributed virtual switch (DVS) is created. (Disabled by default)	Medium
Dvs Destroyed	Created when a distributed virtual switch is destroyed. (Disabled by default)	Medium
Dvs Event	Created when a DVS-related event occurs. (Disabled by default)	Medium
Dvs Host Back In Sync Event	Created when the DVS configuration on the host is synchronized with that of the VirtualCenter server and the configurations are now the same. (Disabled by default)	Medium
Dvs Host Joined	Created when a host is joined to the distributed virtual switch. (Disabled by default)	Medium
Dvs Host Left Event	Created when a host leaves the distributed virtual switch. (Disabled by default)	Medium
Dvs Host Status Updated	Created when a host's status or statusDetail is updated. (Disabled by default)	Medium
Dvs Host Went Out Of Sync Event	Created when the DVS configuration on the host diverges from that of the VirtualCenter server. (Disabled by default)	Medium
Dvs Merged	Created when two distributed virtual switches are merged. (Disabled by default)	Medium
Dvs Port Blocked	Created when a port is blocked in the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Connected	Created when a port is connected in the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Created	Created when new ports are created in the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Deleted	Created when existing ports are deleted in the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Disconnected	Created when a port is disconnected in the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Entered Passthru	Created when a port has entered passthrough mode on the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Exited Passthru	Created when a port has exited passthrough mode on the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Join Portgroup Event	Created when a port is moved into the distributed virtual portgroup. (Disabled by default)	Medium
Dvs Port Leave Portgroup Event	Created when a port is moved out of the distributed virtual portgroup. (Disabled by default)	Medium
Dvs Port Link Down Event	Created when a port's link status is changed to 'down' in the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Link Up Event	Created when a port's link status is changed to 'up' in the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Reconfigured	Created when existing ports are reconfigured in the distributed virtual switch. (Disabled by default)	Medium
Dvs Port Unblocked	Created when a port is unblocked in the distributed virtual switch. (Disabled by default)	Medium
Dvs Reconfigured	Created when a distributed virtual switch is reconfigured. (Disabled by default)	Medium

Table 9. VMware Dvs events

Event	Description	Severity
Dvs Renamed	Created when a distributed virtual switch is renamed. (Disabled by default)	Medium
Dvs Upgrade Available Event	Created when an upgrade for the distributed virtual switch is available. (Disabled by default)	Medium
Dvs Upgrade In Progress Event	Created when an upgrade for the distributed virtual switch is in progress. (Disabled by default)	Medium
Dvs Upgrade Rejected	Created when an upgrade for the distributed virtual switch is rejected. (Disabled by default)	Medium
Dvs Upgraded	Created when the distributed virtual switch is upgraded. (Disabled by default)	Medium
Out Of Sync DVS Host	Created when the list of hosts that have the DVS configuration on the host diverges from that of the VirtualCenter server. (Disabled by default)	Medium

VMware Generic

Table 10. VMware Generic events

Event	Description	Severity
Basic Event	Created when a basic event occurs. (Disabled by default)	Medium
Event Ex	Created when a dynamically typed event class occurs. (Disabled by default)	Medium
Extended	Created when an extended event occurs. (Disabled by default)	Medium
General Event	Created when a general event occurs. (Disabled by default)	Medium
Health Status Changed	Created when the health status of VirtualCenter components are changed. (Disabled by default)	Medium
Host Inventory Unreadable Event	Created when the virtual machine inventory file on the host is damaged or unreadable. (Disabled by default)	Medium
Locker Misconfigured	Created when the datastore configured to back the locker does not exist or when connectivity to the datastore is lost. (Disabled by default)	Medium
Locker Reconfigured	Created when the locker is reconfigured to a new location. (Disabled by default)	Medium

VMware Host

Table 11. VMware Host events

Event	Description	Severity
Canceled Host Operation	Created when an operation performed on the host is canceled.	Medium
Datastore Discovered	Created when a host is added to VirtualCenter and datastores are discovered.	Medium
Datastore Principal Configured	Created when a datastore principal is configured on a host.	Medium
Datastore Removed On Host	Created when a datastore is removed from a host but not from VirtualCenter.	High

Table 11. VMware Host events

Event	Description	Severity
Datastore Renamed On Host	Created when a datastore is added to VirtualCenter and is renamed by VirtualCenter because this datastore already exists in VirtualCenter with a different name, or because the name conflicts with another datastore in VirtualCenter.	Medium
Drs Entered Standby Mode	Created when the host is completely put into standby mode by Distributed Power Management. A host in this mode has no running virtual machines and no provisioning operations are occurring.	Medium
Drs Entering Standby Mode Event	Created when a host has begun the process of entering standby mode initiated by Distributed Power Management.	Medium
Drs Exit Standby Mode Failed	Created when the Distributed Power Management tried to bring a host out of standby mode, but the host failed to exit standby mode.	Medium
Drs Exited Standby Mode	Created when Distributed Power Management brings the host out from standby mode.	Medium
Drs Exiting Standby Mode Event	Created when a host has begun the process of exiting standby mode initiated by Distributed Power Management.	Medium
Drs Resource Configure Failed	Created when resource configuration specification synchronization fails on a host.	Medium
Drs Resource Configure Synced	Created when resource configuration returns to synchronized from previous failure.	Medium
Duplicate Ip Detected	Created when a duplicate IP address has been observed in conflict with the VMotion or IP storage interface configured on the host.	High
Entered Maintenance Mode	Created when the host has completely entered maintenance mode. A host in this mode has no running virtual machines and no provisioning operations are occurring.	Medium
Entered Standby Mode	Created when the host has completely entered standby mode. A host in this mode has no running virtual machines and no provisioning operations are occurring.	Medium
Entering Maintenance Mode Event	Created when a host has begun the process of entering maintenance mode.	Medium
Entering Standby Mode Event	Created when a host has begun the process of entering standby mode.	Medium
Exit Maintenance Mode Event	Created when a host is no longer in maintenance mode.	Medium
Exit Standby Mode Failed	Created when a host fails to exit standby mode.	Medium
Exited Standby Mode	Created when a host is no longer in standby mode.	Medium
Exiting Standby Mode Event	Created when a host has begun the process of exiting standby mode.	Medium
General Host Error Event	Created when a general host error event occurs.	Medium
General Host Info Event	Created when a general host information event occurs.	Medium
General Host Warning Event	Created when a general host warning event occurs.	Medium
Ghost Dvs Proxy Switch Detected	Created when the VirtualCenter server finds DVS proxy switches on the host that do not match any DVS defined in VirtualCenter.	Medium
Ghost Dvs Proxy Switch Removed	Created when the ghost DVS proxy switches (i.e., host proxy switches that do not match any DVS defined in VirtualCenter) are removed from the host.	Medium
Host Add Failed	Created when adding a host has failed.	Medium
Host Added	Created when a host is successfully added to VirtualCenter.	Medium

Table 11. VMware Host events

Event	Description	Severity
Host Admin Disable Event	Created when the permission on the host is changed so that only the user account used for VirtualCenter operation will have Administrator permission.	Medium
Host Admin Enable Event	Created when the administrator permission is restored.	Medium
Host Cnx Failed	Created when there is a failure to connect to a host event due to an unspecified condition.	Medium
Host Cnx Failed Account Failed	Created when there is a failure to connect to a host event due to a failure to set up a management agent.	Medium
Host Cnx Failed Already Managed	Created when there is a failure to connect to a host event due to the host being managed by a different VirtualCenter server.	Medium
Host Cnx Failed Bad Ccagent	Created when there is a failure to connect to a host event due to no response being received from the host agent.	Medium
Host Cnx Failed Bad Username	Created when there is a failure to connect to a host event due to an invalid user name and password combination.	Medium
Host Cnx Failed Bad Version	Created when there is a failure to connect to a host event due to an incompatible client version.	Medium
Host Cnx Failed Ccagent Upgrade	Created when there is a failure to connect to a host event due to a conflict with an upgrade or installation of the host agent.	Medium
Host Cnx Failed Network Error	Created when there is a failure to connect to a host event due to a network error.	Medium
Host Cnx Failed No Access	Created when there is a failure to connect to a host event due to insufficient account privileges.	Medium
Host Cnx Failed No Connection	Created when there is a failure to connect to a host event due to a host not being present on the network.	Medium
Host Cnx Failed No License	Created when there is a failure to connect to a host event due to a licensing issue.	Medium
Host Cnx Failed Not Found	Created when there is a failure to connect to a host event due to a failure to resolve the host name.	Medium
Host Cnx Failed Timeout	Created when there is a failure to connect to a host event due to a timeout on the connection attempt.	Medium
Host Compliance Checked	Created when a compliance check is triggered on a host.	Medium
Host Compliant Event	Created when the host is in compliance.	Medium
Host Config Applied	Created when a configuration is applied to a host.	Medium
Host Connected	Created when a host is successfully connected.	Medium
Host Connection Lost Event	Created when a host looses its connection.	Medium
Host Das Disabled	Created when HA has been disabled on a host.	Medium
Host Das Disabling Event	Created when HA is being disabled on a host.	Medium
Host Das Enabled	Created when HA has been enabled on a host.	Medium
Host Das Enabling Event	Created when HA is being enabled on a host.	Medium
Host Das Error Event	Created when there is a HA error on a host.	Medium
Host Das Event	Created when a top-level event for host DAS events to extend occurs.	Medium
Host Das Ok Event	Created when HA on a host returns to normal after an error.	Medium
Host Disconnected	Created when there is a disconnection from a host.	High
Host Enable Admin Failed	Created when there is a failure to restore some of the administrator's permissions.	Medium
Host Event	Created when a host-related event occurs.	Medium

Table 11. VMware Host events

Event	Description	Severity
Host Extra Networks Event	Created when a host has extra networks not used by other hosts for HA communication.	Medium
Host Get Short Name Failed	Created when hostname -s failed or returned a name containing '.'.	Medium
Host Ip Changed	Created when a change is made to the host IP address.	High
Host Ip Inconsistent Event	Created when the IP address resolution returned different addresses on the host.	Medium
Host Ip To Short Name Failed	Created when the host's IP address could not be resolved to a short name.	Medium
Host Isolation Ip Ping Failed	Created when the isolation address could not be pinged. The default isolation address is the service console's default gateway.	Medium
Host Missing Networks Event	Created when a host is missing networks that other hosts are using for HA communication.	High
Host No Available Networks Event	Created when a host does not have any available networks for HA communication.	High
Host No HAEnabled Port Groups	Created when a host does not have any HA-enabled port groups.	High
Host No Redundant Management Network Event	Created when a host does not have a redundant management network.	High
Host Non Compliant Event	Created when a host goes out of compliance.	Medium
Host Not In Cluster Event	Created when the host is not a cluster member.	Medium
Host Primary Agent Not Short Name Event	Created when the primary agent specified is not a short name.	Medium
Host Profile Applied	Created when a Profile application is done on the host.	Medium
Host Reconnection Failed	Created when there is a failed attempt to re-establish a host connection.	Medium
Host Removed	Created when a host is removed from VirtualCenter.	High
Host Short Name Inconsistent Event	Created when the host name resolution returned different names on the host.	Medium
Host Short Name To Ip Failed	Created when the host's short name could not be resolved to an IP address.	Medium
Host Shutdown Event	Created when the host is shut down.	High
Host Sync Failed	Created when there is a failure to sync up with the VirtualCenter agent on the host.	Medium
Host Upgrade Failed	Created when there is a failure to connect to a host event due to an installation or upgrade issue.	High
Host User World Swap Not Enabled	Created when the userworld swap is not enabled on the host. HA needs userworld swap to be configured on embedded ESX hosts to function.	Medium
Host Vnic Connected To Customized DVPort	Created when some host vnics are reconfigured to use DVPorts with port level configuration, which might be different from the DVportgroup.	Medium
Host Wwn Changed	Created when a host's WWN (World Wide Name) is changed.	Medium
Host Wwn Conflict Event	Created when there is a conflict with a host's WWN (World Wide Name).	Medium
IScsi Boot Failure Event	Created when a host cannot boot from IScsi.	Medium
Local Datastore Created	Created when a local datastore is created.	Medium
Local TSMEnabled	Created when local Tech Support Mode for the host has been enabled.	Medium

Table 11. VMware Host events

Event	Description	Severity
NASDatastore Created	Created when a Network Attached Storage (NAS) datastore is created.	High
No Datastores Configured	Created when there is no datastores configured on a host.	High
Remote TSMEnabled	Created when remote Tech Support Mode for the host has been enabled.	Medium
Timed Out Host Operation	Created when an operation performed on the host has timed out.	High
Updated Agent Being Restarted	Created when the agent has been patched and will be restarted.	Medium
Vc Agent Uninstall Failed	Created when the VirtualCenter agent on a host fails to uninstall.	Medium
Vc Agent Uninstalled	Created when the VirtualCenter agent on a host is successfully uninstalled.	High
Vc Agent Upgrade Failed	Created when the VirtualCenter agent on a host has failed to upgrade.	High
Vc Agent Upgraded	Created when the VirtualCenter agent on a host is successfully upgraded.	Medium
VMFSDatastore Created	Created when a Virtual Machine File System (VMFS) datastore is created.	High
VMFSDatastore Expanded	Created when a VMFS datastore is expanded.	Medium
VMFSDatastore Extended	Created when a VMFS datastore is extended.	Medium

VMware License

Table 12. VMware License events

Event	Description	Severity
All Virtual Machines Licensed	Created when the previously unlicensed virtual machines on the specified host are now licensed. (Disabled by default)	Medium
Host Inventory Full Event	Created when the inventory of hosts has reached capacity.	High
Host License Expired	Created when a host license has expired.	High
Incorrect Host Information Event	Created when the host does not provide the information needed to acquire the correct set of licenses.	Medium
Invalid Edition Event	Created when the edition is set to an invalid value.	Medium
License Event	Created when a base licensing event occurs.	Medium
License Expired	Created when a license has expired.	High
License Non Compliance Event	Created when the inventory is not license compliant.	High
License Restricted	Created when the required licenses cannot be reserved because of a restriction in the option file of the license server.	Medium
License Server Available Event	Created if the license server was previously unreachable and is now reachable.	Medium
License Server Unavailable Event	Created if the license server becomes unavailable.	High
No License Event	Created when the required licenses cannot be resolved.	Medium
Server License Expired	Created when the VirtualCenter server license has expired.	High
Unlicensed Virtual Machines	Created when there are unlicensed virtual machines on the specified host.	Medium

Table 12. VMware License events

Event	Description	Severity
Unlicensed Virtual Machines Found	Created when unlicensed virtual machines are discovered on the specified host.	Medium
VMotion License Expired	Created when a VMotion license has expired.	High

VMware Profile

Table 13. VMware Profile events

Event	Description	Severity
Profile Associated	Created when a profile is associated with a managed entity. (Disabled by default)	Medium
Profile Changed	Created when the profile has been edited. (Disabled by default)	Medium
Profile Created	Created when a profile is created. (Disabled by default)	Medium
Profile Dissociated	Created when a profile is dissociated from a managed entity. (Disabled by default)	Medium
Profile Event	Created when a profile specific event occurs. (Disabled by default)	Medium
Profile Reference Host Changed	Created when the reference host associated with a profile is changed. (Disabled by default)	Medium
Profile Removed	Created when a profile is removed. (Disabled by default)	Medium

VMware Resource Pool

Table 14. VMware Resource Pool events

Event	Description	Severity
Resource Pool Created	Created when a new resource pool is created.	Medium
Resource Pool Destroyed	Created when a resource pool is destroyed.	Medium
Resource Pool Event	Created when a resource pool event occurs.	Medium
Resource Pool Moved	Created when a resource pool is moved.	Medium
Resource Pool Reconfigured	Created when a resource pool configuration is changed.	Medium
Resource Violated	Created when a conflict with a resource pool's resource configuration is detected.	Medium

VMware Scheduled Task

Table 15. VMware Scheduled Task events

Event	Description	Severity
Scheduled Task	Created when a scheduled task event occurs.	Medium
Scheduled Task Completed	Created when a scheduled task is completed.	Medium
Scheduled Task Created	Created when a scheduled task is created.	Medium
Scheduled Task Email Completed	Created when an email notification for a scheduled task is sent.	Medium

Table 15. VMware Scheduled Task events

Event	Description	Severity
Scheduled Task Email Failed	Created when an attempt to send an email notification for a scheduled task fails.	Medium
Scheduled Task Failed	Created when a scheduled task fails to complete.	High
Scheduled Task Reconfigured	Created when a scheduled task is reconfigured.	Medium
Scheduled Task Removed	Created when a scheduled task is removed.	Medium
Scheduled Task Started	Created when a scheduled task is started.	Medium

VMware Session

Table 16. VMware Session events

Event	Description	Severity
Already Authenticated Session	Created when there is a failed user logon due to the user already being logged on.	Low
Bad Username Session Event	Created when there is a failed user logon due to no match existing between the provided user name and password combination and the combinations stored for authentication.	Low
Global Message Changed	Created when the global message is changed.	Low
No Access User Event	Created when there is a failed user logon due to insufficient access permission.	Low
Server Started Session	Created when the VirtualCenter server is started.	Low
Session Event	Created when a session event occurs.	Low
Session Terminated	Created when a session is terminated.	Low
User Login Session Event	Created when a user logs in.	Low
User Logout Session Event	Created when a user logs off, disconnects, or the session times out.	Low

VMware Task

Table 17. VMware Task events

Event	Description	Severity
Task Event	Created when a task event occurs.	Low
Task Timeout Event	Created when a task is cleaned up because it has timed out.	Low

VMware Template Upgrade

Table 18. VMware Template Upgrade events

Event	Description	Severity
Template Being Upgraded	Created when a template is starting to be upgraded.	Low
Template Upgrade Event	Created when a template upgrade event occurs.	Low

Table 18. VMware Template Upgrade events

Event	Description	Severity
Template Upgrade Failed	Created when a template upgrade has failed.	Medium
Template Upgraded	Created when a template is successfully upgraded.	Medium

VMware Upgrade

Table 19. VMware Upgrade events

Event	Description	Severity
Error Upgrade Event	Created when a general error event from an upgrade is detected.	Medium
Info Upgrade Event	Created when a general information event from an upgrade is detected.	Medium
Upgrade Event	Created when an upgrade from VirtualCenter 1.x event is detected. (Disabled by default)	Medium
User Upgrade Event	Created when a general user event from an upgrade is detected.	Medium
Warning Upgrade Event	Created when a general warning event from an upgrade is detected.	Medium

VMware Virtual Machine

Table 20. VMware Virtual Machine events

Event	Description	Severity
Customization Event	Created when a customization event occurs. (Disabled by default)	Medium
Customization Failed	Created when the customization sequence failed. (Disabled by default)	Medium
Customization Linux Identity Failed	Created when there is a failure to set Linux® identity. (Disabled by default)	Medium
Customization Network Setup Failed	Created when the network setup failed in the VM guest during customization. (Disabled by default)	Medium
Customization Started	Created when the customization sequence has started in the VM guest. (Disabled by default)	Medium
Customization Succeeded	Created when the customization sequence completed successfully in the VM guest. (Disabled by default)	Medium
Customization Sysprep Failed	Created when the Sysprep failed to run in the VM guest during customization. (Disabled by default)	Medium
Customization Unknown Failure	Created when the customization sequence failed unexpectedly in the VM guest. (Disabled by default)	Medium
Drs Rule Compliance Event	Created when a virtual machine comes into compliance with Distributed Resource Scheduler (DRS) rules.	Medium
Drs Rule Violation Event	Created when a virtual machine violates a DRS rule.	Medium
Drs VM Migrated	Created when a virtual machine migration that is recommended by DRS is detected.	Medium
Drs VM Powered On	Created when a virtual machine is powered on by DRS.	Medium

Table 20. VMware Virtual Machine events

Event	Description	Severity
General Vm Error Event	Created when a general error event for a virtual machine is detected. (Disabled by default)	Medium
General Vm Info Event	Created when a general information event for a virtual machine is detected. (Disabled by default)	Medium
General Vm Warning Event	Created when a general warning event for a virtual machine is detected. (Disabled by default)	Medium
Migration Error Event	Created when a migration error is detected.	Medium
Migration Event	Created when a migration warning or error event is detected.	Medium
Migration Host Error Event	Created when a migration error that includes the destination host is detected.	Medium
Migration Host Warning Event	Created when a migration warning that includes the destination host is detected.	Medium
Migration Resource Error Event	Created when a migration error that includes both the destination host and resource pool is detected.	Medium
Migration Resource Warning Event	Created when a migration warning that includes both the destination host and resource pool is detected.	Medium
Migration Warning Event	Created when a migration warning is detected.	Medium
No Maintenance Mode Drs Recommendation for VM	Created when DRS did not recommend a migration for a powered on virtual machine, even though its host is going into maintenance mode.	Medium
Not Enough Resources to Start VM Event	Created when the HA does not find sufficient resources to failover a virtual machine.	High
Vm Acquired Mks Ticket	Created when a user successfully acquires an MKS ticket.	Medium
Vm Acquired Ticket	Created when a user successfully acquires a ticket.	Medium
Vm Auto Rename Event	Created when a virtual machine is automatically renamed because of a name conflict.	High
Vm Being Cloned	Created when a virtual machine is in the process of being cloned.	Medium
Vm Being Cloned No Folder	Created when a virtual machine is in the process of being cloned without specifying a destination folder.	Medium
Vm Being Created	Created when a virtual machine is in the process of being created.	Medium
Vm Being Deployed	Created when a virtual machine is in the process of being deployed from a template.	Medium
Vm Being Hot Migrated	Created when a virtual machine is in the process of being hot-migrated.	Medium
Vm Being Migrated	Created when a virtual machine is in the process of being migrated.	Medium
Vm Being Relocated	Created when a virtual machine is in the process of being relocated.	Medium
Vm Clone Event	Created when a clone operation is detected.	Medium
Vm Clone Failed	Created when there is a failure to clone a virtual machine.	High
Vm Cloned	Created when a virtual machine cloning operation is completed.	Medium
Vm Config Missing Event	Created when the configuration file cannot be found.	Medium
Vm Connected	Created when a virtual machine is successfully connected.	Medium
Vm Created	Created when a virtual machine is successfully created.	Medium

Table 20. VMware Virtual Machine events

Event	Description	Severity
Vm Das Being Reset Event	Created when a virtual machine is in the process of being reset by HA VM Health Monitoring on hosts that do not support the create screenshot api or if the create screenshot api fails.	Medium
Vm Das Being Reset with Screenshot Event	Created when a virtual machine is in the process of being reset by HA VM Health Monitoring on hosts that support the create screenshot api.	Medium
Vm Das Reset Failed	Created when HA VM Health Monitoring fails to reset a virtual machine after failure.	Medium
Vm Das Update Error Event	Created when an error occurs when updating the HA agents with the current state of the virtual machine.	Medium
Vm Das Update Ok Event	Created when the HA agents have been updated with the current state of the virtual machine.	Medium
Vm Date Rolled Back	Created when the VirtualCenter server date is rolled back.	Medium
Vm Deploy Failed	Created when a virtual machine deployment operation fails to complete.	High
Vm Deployed	Created when a virtual machine deployment operation successfully completes.	Medium
Vm Disconnected	Created when a virtual machine is disconnected.	Medium
Vm Discovered	Created when a virtual machine is discovered.	Medium
Vm Disk Failed	Created when there is a failure to create a virtual disk in a virtual machine.	High
Vm Emigrating Event	Created when a virtual machine is emigrated.	Medium
Vm End Recording Event	Created when a recording session on a virtual machine ends.	Medium
Vm End Replaying Event	Created when a replay session on a virtual machine ends.	Medium
Vm Event	Created when a virtual machine event is detected.	Medium
Vm Failed Migrate	Created when there is a failure to migrate a virtual machine.	High
Vm Failed Relayout	Created when there is a specific failure to relay out a virtual machine, such as a failure to access the disk.	High
Vm Failed Relayout On Vmfs2 Datastore	Created when there is a failure to relay out a virtual machine when the virtual machine still has disks on a VMFS2 volume.	High
Vm Failed Starting Secondary	Created when there is a VMotion failure when attempting to start a secondary virtual machine.	High
Vm Failed To Power Off	Created when there is a failure to power off a virtual machine.	High
Vm Failed To Power On	Created when there is a failure to power on a virtual machine.	High
Vm Failed To Reboot Guest	Created when there is a failure to reboot the guest on a virtual machine.	High
Vm Failed To Reset	Created when there is a failure to reset a virtual machine.	High
Vm Failed To Shutdown Guest	Created when there is a failure to shut down the guest on a virtual machine.	High
Vm Failed To Standby Guest	Created when there is a failure to set the guest on a virtual machine to a standby state.	High
Vm Failed To Suspend	Created when there is a failure to suspend a virtual machine.	High
Vm Failed Updating Secondary Config	Created when the new primary fails to update the config of the secondary virtual machine, after a failover.	High
Vm Failover Failed	Created when a virtual machine failover is unsuccessful.	High
Vm Fault Tolerance State Changed	Created when there is a fault tolerance state change.	Medium

Table 20. VMware Virtual Machine events

Event	Description	Severity
Vm Fault Tolerance Turned Off	Created when all secondary virtual machines have been removed and fault tolerance protection is turned off for a virtual machine.	Medium
Vm Fault Tolerance Vm Terminated	Created when a secondary or primary virtual machine is terminated. The reason could be: divergence, lost connection to secondary, partial hardware failure of secondary, or by user.	High
Vm Guest Reboot Event	Created when a virtual machine guest reboot request event is detected.	High
Vm Guest Shutdown Event	Created when a virtual machine guest shutdown request event is detected.	Medium
Vm Guest Standby Event	Created when a virtual machine guest standby request event is detected.	Medium
Vm Instance Uuid Assigned	Created when a new instance UUID is assigned to a virtual machine.	Medium
Vm Instance Uuid Changed	Created when a virtual machine's instance UUID is changed.	Medium
Vm Instance Uuid Conflict Event	Created when there is a conflict between virtual machine instance UUIDs.	High
Vm Mac Assigned	Created when a new MAC address is assigned to a virtual network adapter.	Medium
Vm Mac Changed	Created when a virtual machine's MAC address is changed.	Medium
Vm Mac Conflict Event	Created when there is a MAC address conflict for a virtual machine.	Medium
Vm Max FTRestart Count Reached	Created when FT virtual machine reaches the max restart count.	Medium
Vm Max Restart Count Reached	Created when the virtual machine reaches the max restart count.	Medium
Vm Message Error Event	Created when an error message (consisting of a collection of observations) is thrown by the virtual machine.	Medium
Vm Message Event	Created when a message is thrown by the virtual machine.	Medium
Vm Message Warning Event	Created when a warning message (consisting of a collection of observations) is thrown by the virtual machine.	Medium
Vm Migrated	Created when a virtual machine is migrated.	Medium
Vm No Compatible Host For Secondary Event	Created when no compatible host is found to place a secondary virtual machine.	Medium
Vm No Network Access Event	Created when there is a migration failure when the destination host is not on the same network as the source host.	Medium
Vm Orphaned	Created when there is a virtual machine for which no host is responsible.	Medium
Vm Power Off On Isolation Event	Created when a virtual machine has been powered off on an isolated host in a HA database.	Medium
Vm Powered Off	Created when a virtual machine is finished powering off.	Medium
Vm Powered On	Created when a virtual machine is finished powering on.	Medium
Vm Powering On With Customized DVPort	Created when a virtual machine is powering on using DVPorts with port level configuration, which might be different from the DVportgroup.	Medium
Vm Primary Failover Event	Created when there is a fault tolerance failover. The reason could be: lost connection to primary, partial hardware failure of primary, or by user.	Medium
Vm Reconfigured	Created when a virtual machine is reconfigured.	Medium

Table 20. VMware Virtual Machine events

Event	Description	Severity
Vm Registered	Created when a virtual machine is successfully registered.	Medium
Vm Relayout Successful Event	Created when a virtual machine is successfully converted to the new virtual machine format on a VMFS3 volume.	Medium
Vm Relayout Up To Date Event	Created when a virtual machine is already in the correct format. No relay out is necessary.	Medium
Vm Reload From Path Event	Created when a virtual machine is successfully reloaded from a new configuration path.	Medium
Vm Reload From Path Failed	Created when a virtual machine fails to reload from a new configuration path.	Medium
Vm Relocate Failed	Created when there is a failure to relocate a virtual machine.	Medium
Vm Relocate Spec Event	Created when a relocate or clone event is detected.	Medium
Vm Relocated	Created when a virtual machine is successfully relocated.	Medium
Vm Remote Console Connected	Created when a remote console is connected to the virtual machine.	Medium
Vm Remote Console Disconnected	Created when a remote console is disconnected from the virtual machine.	Medium
Vm Removed	Created when a virtual machine is removed from VirtualCenter management.	Medium
Vm Renamed	Created when a virtual machine is renamed.	Medium
Vm Resetting Event	Created when a virtual machine is reset.	Medium
Vm Resource Pool Moved	Created when a virtual machine is moved from one resource pool to another.	Medium
Vm Resource Reallocated	Created when a virtual machine's resource allocation is changed.	Medium
Vm Restarted On Alternate Host	Created when a virtual machine is restarted on a different host, since its original host failed.	Medium
Vm Resuming Event	Created when a virtual machine is resuming, after being suspended.	Medium
Vm Secondary Added	Created when a secondary virtual machine is added.	Medium
Vm Secondary Disabled	Created when a secondary virtual machine is disabled.	Medium
Vm Secondary Disabled By System	Created when a fault tolerance secondary virtual machine is disabled by vCenter because the virtual machine could not be powered on.	Medium
Vm Secondary Enabled	Created when a secondary virtual machine is enabled.	Medium
Vm Secondary Started	Created when a secondary virtual machine is successfully started.	Medium
Vm Shutdown On Isolation Event	Created when a virtual machine has been shut down on an isolated host in a HA cluster.	High
Vm Start Recording Event	Created when a recording session on a virtual machine is started.	Medium
Vm Start Replaying Event	Created when a replay session on a virtual machine is started.	Medium
Vm Starting Event	Created when a virtual machine is powering on.	Medium
Vm Starting Secondary Event	Created when there is a VMotion to start a secondary virtual machine.	Medium
Vm Static Mac Conflict Event	Created when there is a static MAC address conflict for a virtual machine.	Medium
Vm Stopping Event	Created when a virtual machine is stopping.	Medium

Table 20. VMware Virtual Machine events

Event	Description	Severity
Vm Suspended	Created when a virtual machine is finished suspending.	Medium
Vm Suspending Event	Created when a virtual machine is suspending.	Medium
Vm Timedout Starting Secondary Event	Created when there is a timeout when attempting to start a secondary virtual machine.	Medium
Vm Unsupported Starting	Created when an unsupported guest is powering on.	Medium
Vm Upgrade Complete Event	Created when an upgrade operation is successfully completed.	Medium
Vm Upgrade Failed	Created when there is a failure to upgrade the virtual hardware on a virtual machine.	Medium
Vm Upgrading Event	Created when a virtual machine is in the process of having its hardware upgraded.	Medium
Vm Uuid Assigned	Created when a new BIOS UUID is assigned to a virtual machine.	Medium
Vm Uuid Changed	Created when a virtual machines' BIOS UUID is changed.	Medium
Vm Uuid Conflict Event	Created when there is a conflict of virtual machine BIOS UUIDs.	High
Vm Wwn Assigned	Created when a new WWN (World Wide Name) is assigned to a virtual machine.	Medium
Vm Wwn Changed	Created when a virtual machine's WWN (World Wide Name) is changed.	Medium
Vm Wwn Conflict Event	Created when there is a conflict of virtual machine WWNs (World Wide Names).	High

Built-in Reports

Change Auditor provides predefined reports which allow you to quickly retrieve valuable change information from a variety of perspectives.

> **i** | **NOTE:** The terms 'searches' and 'reports' are used in conjunction to acquire the desired output. You run a 'search' and the results returned are referred to as a 'report'.

To execute a built-in search:

1 Click on the **Searches** tab or select the **View | Searches** menu command to open the Searches page.

2 Expand and select the appropriate folder in the explorer view (left pane) to display the list of search definitions stored in the selected folder. For example, selecting the **Shared | Built-in | VMware** will display all the built-in searches available for VMware.

3 In the right-hand pane, locate the search to be run and use one of the following methods to run the selected search:

- Double-click a search definition

- Right-click a search definition and select the **Run** menu command

- Select the search definition and click the **Run** tool bar button at the top of the Searches page

4 A new Search Results Page will be displayed populated with the audited events that met the search criteria defined in the selected search definition.

> **i** | **NOTE:** To modify a built-in search or create a custom search, see the Change Auditor for VMware User Guide.

VMware built-in reports

The following built-in reports are available with Change Auditor for VMware:

- Account events in the last 7 days

- All VMware events in the last 7 days

- Cluster events in the last 30 days

- DRS events in the last 7 days

- Host events in the last 7 days

- Storage events in the last 7 days

- Virtual Machine events in the last 7 days

About us

Quest provides software solutions for the rapidly-changing world of enterprise IT. We help simplify the challenges caused by data explosion, cloud expansion, hybrid datacenters, security threats, and regulatory requirements. We are a global provider to 130,000 companies across 100 countries, including 95% of the Fortune 500 and 90% of the Global 1000. Since 1987, we have built a portfolio of solutions that now includes database management, data protection, identity and access management, Microsoft platform management, and unified endpoint management. With Quest, organizations spend less time on IT administration and more time on business innovation. For more information, visit www.quest.com.

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Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at https://support.quest.com.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request.
- View Knowledge Base articles.
- Sign up for product notifications.
- Download software and technical documentation.
- View how-to-videos.
- Engage in community discussions.
- Chat with support engineers online.
- View services to assist you with your product.