Quest

Quest® Change Auditor for SharePoint® 7.6.1
Event Reference Guide

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Legend

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

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

Change Auditor for SharePoint Event Reference Guide
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Introduction

Change Auditor for SharePoint provides centralized auditing, including configuration, event collection and reporting, for Microsoft SharePoint 2016, and 2019 servers and farms. It audits all activity related to:

- Documents - including check-ins/check-outs, additions, deletions, access (viewed), content or metadata updates, renames, moves, and restores.
- Folders - including additions, deletions, moves, renames, restores, and updates.
- Document Libraries and Lists - including additions, deletions, renames, and restores.
- List Items - including additions, deletions, updates, and restores.
- Permissions and Security Groups - including changes to permission levels, permission inheritances, and security groups.
- Sites and Site Collections - including creations, deletions, and moves.

In addition to real-time event auditing, you can also enable SharePoint event logging to capture SharePoint events locally in a Windows event log. This event log can then be collected using Quest InTrust to satisfy long-term storage requirements.

NOTE: SharePoint auditing and event logging are only available when you have licensed Change Auditor for SharePoint and have applied a SharePoint Auditing template that defines the SharePoint farm and paths to audit. Contact your Sales Representative for more information on obtaining Change Auditor for SharePoint.

Change Auditor for SharePoint also tracks, audits, reports, and alerts on changes to Microsoft SharePoint Online and OneDrive for Business that impact your environment. For information on the audited events, see the Microsoft 365 and Microsoft Entra ID Event Reference Guide.

This guide lists the events that can be captured by Change Auditor for SharePoint. Separate event reference guides are provided that list the core Change Auditor events (when any Change Auditor license is applied) and the events captured when the different auditing modules are licensed.

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Change Auditor for SharePoint Events

Change Auditor for SharePoint tracks, audits, reports, and alerts on changes to SharePoint Server 2016, and 2019 configuration and permissions changes as well as document stores and lists.

NOTE: For Change Auditor to capture some SharePoint events, you must enable system provided auditing and/or versioning within SharePoint. See SharePoint Event Requirements for a list of the events that require these SharePoint settings to be enabled.

This section lists the audited events captured by Change Auditor for SharePoint. They are listed in alphabetical order by facility:

- SharePoint Document Library
- SharePoint Farm
- SharePoint Folder
- SharePoint List
- SharePoint List Item
- SharePoint Permission
- SharePoint Security Group
- SharePoint Site
- SharePoint Site Collection

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.

NOTE: To view a complete list of all the events, open the Audit Events page on the Administration Tasks tab. This page contains a list of all the events available for auditing. It also displays the facility to which the event belongs, the severity assigned to each event, if the event is enabled or disabled, and the type of license that is required to capture each event.

SharePoint Document

Table 1. SharePoint Document events

Event	Description	Severity
All document versions deleted	Created when all versions of a document are deleted from the SharePoint platform.	Medium
Document added	Created when a document is added to the SharePoint platform.	Medium
Document check out canceled	Created when a document check out is canceled.	Medium
Document checked in	Created when a previously checked out document is checked back in.	Medium
Document checked out	Created when a document is checked out for editing.	Medium
Document deleted	Created when a document is deleted from the SharePoint platform.	Medium
Document metadata updated	Created when the metadata defined for a document is updated. (Disabled by default.)	Medium
Document moved	Created when a document is moved to a different location within the SharePoint platform. **NOTE:** 'Move' and 'Rename' events are **only** captured when using the 'Open with Explorer' ribbon feature within the Document Library (Library tab).	Medium
Document renamed	Created when a document is renamed. **NOTE:** 'Move' and 'Rename' events are **only** captured when using the 'Open with Explorer' ribbon feature within the Document Library (Library tab).	Medium
Document restored from recycle bin	Created when a previously deleted document is restored from the recycle bin.	Medium
Document updated	Created when the contents of a document is updated.	Medium
Document version deleted	Created when a version of a document is deleted from the SharePoint platform.	Medium
Document viewed	Created when a document stored in SharePoint is viewed. **NOTE:** For performance reasons SharePoint 2019 does not support auditing document viewed events. Because of this, Change Auditor does not capture this event for SharePoint 2019.	Medium

SharePoint Document Library

Table 2. SharePoint Document Library events

Event	Description	Severity
Document library added	Created when a document library is added to the SharePoint® platform.	Medium
Document library deleted (empty)	Created when a document library that is empty is deleted from the SharePoint platform.	Medium
Document library deleted (with contents)	Created when a document library and all of its contents are deleted from the SharePoint platform.	Medium

Table 2. SharePoint Document Library events

Event	Description	Severity
Document library renamed	Created when a document library is renamed. **NOTE:** 'Move' and 'Rename' events are **only** captured when using the 'Open with Explorer' ribbon feature within the Document Library (Library tab).	Medium
Document library restored from recycle bin	Created when a previously deleted document library is restored from the recycle bin.	Medium

SharePoint Farm

Table 3. SharePoint Farm event

Event	Description	Severity
Auditing solution deployment changed	Created when the deployment status of the Change Auditor SharePoint auditing solution changes.	High

SharePoint Folder

Table 4. SharePoint Folder events

Event	Description	Severity
SharePoint Folder added	Created when a folder is added to the SharePoint platform.	Medium
SharePoint Folder deleted	Created when a folder is deleted from the SharePoint platform.	Medium
SharePoint Folder moved	Created when a folder is moved to another location within the SharePoint platform. **NOTE:** 'Move' and 'Rename' events are **only** captured when using the 'Open with Explorer' ribbon feature within the Document Library (Library tab).	Medium
SharePoint Folder renamed	Created when a folder is renamed. **NOTE:** 'Move' and 'Rename' events are **only** captured when using the 'Open with Explorer' ribbon feature within the Document Library (Library tab).	Medium
SharePoint Folder restored from recycle bin	Created when a previously deleted folder is restored from the recycle bin.	Medium
SharePoint Folder updated	Created when a folder is updated.	Medium

SharePoint List

Table 5. SharePoint List events

Event	Description	Severity
List added	Created when a list is added to the SharePoint platform	Medium
List deleted (empty)	Created when a list that is empty is deleted from the SharePoint platform.	Medium
List deleted (with contents)	Created when a list and all of its contents are deleted from the SharePoint platform.	Medium

Table 5. SharePoint List events

Event	Description	Severity
List renamed	Created when a list item is renamed. **NOTE:** 'Move' and 'Rename' events are **only** captured when using the 'Open with Explorer' ribbon feature within the Document Library (Library tab).	Medium
List restored from recycle bin	Created when a previously deleted list is restored from the recycle bin.	Medium

SharePoint List Item

Table 6. SharePoint List Item events

Event	Description	Severity
All list item versions deleted	Created when all versions of a list item are deleted from the SharePoint® platform.	Medium
List item added	Created when a list item is added to a SharePoint list.	Medium
List item attachment added	Created when an attachment is added to a list item.	Medium
List item attachment deleted	Created when an attachment is deleted from a list item.	Medium
List item deleted	Created when a list item is deleted from a SharePoint list.	Medium
List item restored from recycle bin	Created when a previously deleted list item is restored from the recycle bin.	Medium
List item updated	Created when a list item is updated. (Disabled by default.)	Medium
List item version deleted	Created when a version of a list item is deleted from the SharePoint platform.	Medium

SharePoint Permission

Table 7. SharePoint Permission events

Event	Description	Severity
All permission levels revoked	Created when all permission levels are revoked.	High
Permission inheritance broken	Created when the permissions on a lower-level securable object is edited breaking the inheritance of permissions from the parent site.	Medium
Permission inheritance restored	Created when previously broken permission inheritance is restored between the parent site and a lower-level securable object.	Medium
Permission level created	Created when a new permission level is created for a SharePoint site collection.	High
Permission level deleted	Created when a permission level for a SharePoint site collection is deleted.	High
Permission level granted	Created when a permission level is granted for a principal or SharePoint group.	High
Permission level inheritance broken	Created when permission level inheritance is broken between the parent site and a lower-level securable object.	Medium
Permission level permissions modified	Created when the permissions associated with a permission level are modified.	High

Table 7. SharePoint Permission events

Event	Description	Severity
Permission level revoked	Created when a permission level is revoked for a principal or SharePoint group.	High
Site collection ownership granted	Created when ownership of a site collection is granted to another SharePoint user.	High
Site collection ownership revoked	Created when ownership of a site collection is revoked for a SharePoint user.	High

SharePoint Security Group

Table 8. SharePoint Security Group events

Event	Description	Severity
Member added to security group	Created when a member is added to a security group for a SharePoint® site.	High
Member removed from security group	Created when a member is removed from a security group for a SharePoint site.	High
Security group created	Created when a security group is created for a SharePoint site to manage the users of the site.	Medium
Security group deleted	Created when a security group for a SharePoint site is deleted.	Medium

SharePoint Site

Table 9. SharePoint Site events

Event	Description	Severity
Site created	Created when a new site is created on the SharePoint® platform.	Medium
Site deleted	Created when a site is deleted from the SharePoint platform.	High
Site moved	Created when a site is moved to another location within the SharePoint platform.	Medium

SharePoint Site Collection

Table 10. SharePoint Site Collection events

Event	Description	Severity
Site collection created	Created when a new site collection is created for a SharePoint® platform.	Medium
Site collection deleted	Created when a site collection is deleted from a SharePoint platform. **NOTE:** Change Auditor does NOT capture a site collection deleted event when the delete operation is initiated via PowerShell® using the ‘immediate delete’ option.	High

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Log Events

When event logging for SharePoint is enabled in Change Auditor, SharePoint events will also be written to a Windows event log, named ChangeAuditor for SharePoint. This event log can then be gathered by InTrust for further processing and reporting.

NOTE: To enable event logging, select Event Logging on the Agent Configuration page (Administration Tasks tab), and select the type of event logging to be enabled.

ChangeAuditor for SharePoint event log

The following table lists the SharePoint events that are recorded to the ChangeAuditor for SharePoint event log when SharePoint event logging is enabled . They are listed in numeric order by event ID.

Table 11. ChangeAuditor for SharePoint event log events

Event ID	Description
30	Security group created
31	Security group deleted
32	Member added to security group
33	Member removed from security group
34	Permission level created
35	Permission level deleted
36	Permission level permissions modified
37	Permission level inheritance broken
39	Permission inheritance restored
40	Permission inheritance broken
50	Permission level granted
51	Permission level revoked
52	All permission levels revoked
53	Site collection ownership granted
54	Site collection ownership revoked
200	Document added
201	Document contents updated
202	Document deleted
203	Document checked out
204	Document checked in
205	Document check out canceled

Table 11. ChangeAuditor for SharePoint event log events

Event ID	Description
206	Document metadata updated
208	Document moved
210	Document viewed
211	Document renamed
213	Document version deleted
214	All document versions deleted
216	Document restored from the recycle bin
250	List item added
251	List item updated
252	List item deleted
256	List item attachment added
257	List item attachment deleted
258	List item version deleted
259	All list item versions deleted
261	List item restored from recycle bin
270	Folder added
271	Folder deleted
272	Folder updated
273	Folder renamed
274	Folder moved
275	Folder restored from recycle bin
300	Site created
301	Site deleted
302	Site moved
303	Site collection created
304	Site collection deleted
400	Document library deleted (with contents)
401	Document library deleted (empty)
402	Document library renamed
403	Document library added
404	Document library restored from recycle bin
450	List deleted (with contents)
451	List deleted (empty)
452	List renamed
453	List added
454	List restored from recycle bin
500	Auditing solution deployment changed

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SharePoint Event Requirements

The following table lists the SharePoint events that require extra SharePoint settings to be enabled in order for Change Auditor to capture the event.

See the Change Auditor for SharePoint User Guide for instructions on how to enable system provided auditing and versioning within SharePoint.

Table 12. SharePoint event requirements

Event	System Provided Auditing	Versioning
All document versions deleted	X	X
All list item versions deleted	X	X
All permission levels revoked	X	
Document library restored from recycle bin	X	
Document restored from recycle bin	X	
Document version deleted	X	X
Document viewed	X	
Folder restored from recycle bin	X	
List item restored from recycle bin	X	
List item version deleted	X	X
List restored from recycle bin	X	
Member added to security group	X	
Member removed from security group	X	
Permission inheritance broken	X	
Permission inheritance restored	X	
Permission level created	X	
Permission level deleted	X	
Permission level granted	X	
Permission level inheritance broken	X	
Permission level permissions modified	X	
Permission level revoked	X	
Security group created	X	
Security group deleted	X	
Site collection ownership granted	X	
Site collection ownership revoked	X	

About us

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Microsoft 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Around the globe, more than 130,000 companies and 95% of the Fortune 500 count on Quest to deliver proactive management and monitoring for the next enterprise initiative, find the next solution for complex Microsoft challenges and stay ahead of the next threat. Quest Software. Where next meets now. For more information, visit www.quest.com.

Our brand, our vision. Together.

Our logo reflects our story: innovation, community and support. An important part of this story begins with the letter Q. It is a perfect circle, representing our commitment to technological precision and strength. The space in the Q itself symbolizes our need to add the missing piece—you—to the community, to the new Quest.

Contacting Quest

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Technical support resources

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.

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- View how-to-videos.
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- Chat with support engineers online.
- View services to assist you with your product.