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Audit logs for Google Workspace

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This document provides a conceptual overview of the audit logs that Google Workspace provides as a part of Cloud Audit Logs.

For information about managing your Google Workspace audit logs, see [View and manage audit logs for Google Workspace](#).

Overview

Google Cloud services write audit logs to help you answer the questions, "Who did what, where, and when?". You can share your Google Workspace audit logs with Google Cloud to store, analyze, monitor, and alert on your Google Workspace data.

Audit logs for Google Workspace are available for Cloud Identity, Cloud Identity Premium, and all Google Workspace customers.

If you've [enabled Google Workspace data sharing](#) with Google Cloud, then audit logs are always enabled for Google Workspace.

Disabling Google Workspace data sharing stops new Google Workspace audit log events from being sent to Google Cloud. Any existing logs remain through their [default retention periods](#), unless you have configured [custom retention](#) to retain your logs for a longer period.

If you don't enable Google Workspace data sharing with Google Cloud, then you can't see audit logs for Google Workspace in Google Cloud.

★ **Note:** Some Enterprise Groups Audit membership changes automatically populate the `principalEmail` field in the audit log with `cloud-support@google.com`. For example, an audit log might show `cloud-support@google.com` as the principal removing a user from the group, when the removal of the user is automatic due to the expiration of a user's membership.

Types of audit logs

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Details for each Google Workspace service's audit logs are as follows:

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Google Workspace Admin Activities

Google Workspace Admin Audit audit logs use the resource type `audited_resource` for all audit logs.

Google Workspace Admin Audit audit logs use the service name `admin.googleapis.com`.

Google Workspace Admin Audit writes Admin Activity audit logs only. The following are the audited operations:

Activity type	AuditLog.method_name
AI_CLASSIFICATION_SETTINGS	google.admin.AdminService aiClassificationInsuffici google.admin.AdminService google.admin.AdminService
ALERT_CENTER	google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService alertCenterUpdateCustomer google.admin.AdminService
APPLICATION_SETTINGS	google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService google.admin.AdminService flashlightEduNonFeaturedS

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Google Workspace Enterprise Groups



Google Workspace Login Audit



Google Workspace OAuth Token



Google Workspace SAML



Audit log permissions

IAM permissions and roles determine your ability to access audit logs data in the [Logging API](#), the [Logs Explorer](#), and the [Google Cloud CLI](#).

For detailed information about the organization-level IAM permissions and roles you might need, see the [Access control with IAM](#).

