



Policy Catalog Google Permissions List

This document contains a list of cloud provider permissions required by each Google policy template in the Flexera Cloud Cost Optimization Policy Catalog.

- Required permissions may change as policy templates in the catalog are updated. An up-to-date version of this PDF file is [available in the Flexera Policy Template Github Repository](#).
- Required permissions are required for the policy template in question to work correctly; optional permissions enable additional functionality.
- Permissions with a green **Read Only** label are read-only, while those with a red **Write** label can potentially make changes to your cloud environment.

Google Cheaper Regions 1.0.1

Flexera Required Permissions:

billing_center_viewer **Read Only**

Google Cloud Run Anomaly Detection 0.2.0

Google Cloud Required Permissions:

compute.regions.list **Read Only**

monitoring.timeSeries.list **Read Only**

resourcemanager.projects.get **Read Only**

run.services.list **Read Only**

Google Cloud Storage Without Lifecycle Configuration 0.2.0

Flexera Required Permissions:

billing_center_viewer **Read Only**

Google Cloud Required Permissions:

resourcemanager.projects.get **Read Only**

storage.buckets.list **Read Only**

Google Committed Use Discount Recommender 4.3.0

Flexera Required Permissions:

billing_center_viewer [Read Only](#)

Google Cloud Required Permissions:

compute.regions.list [Read Only](#)

recommender.usageCommitmentRecommendations.list [Read Only](#)

resourcemanager.projects.get [Read Only](#)

Google Cloud Optional Permissions:

billing.accounts.getSpendingInformation [Read Only](#)

billing.resourceCosts.get [Read Only](#)

Google Committed Use Discount Report 3.1.0**Flexera Required Permissions:**

billing_center_viewer [Read Only](#)

Google Cloud Required Permissions:

compute.commitments.get [Read Only](#)

resourcemanager.projects.get [Read Only](#)

Google Credential 0.1.1**Flexera Required Permissions:**

billing_center_viewer [Read Only](#)

Google Cloud Required Permissions:

resourcemanager.projects.get [Read Only](#)

Google Expiring Committed Use Discounts (CUD) 3.1.0**Flexera Required Permissions:**

billing_center_viewer [Read Only](#)

Google Cloud Required Permissions:

compute.commitments.get [Read Only](#)

resourcemanager.projects.get [Read Only](#)

Google Idle Cloud SQL Instance Recommender 4.1.3**Flexera Required Permissions:**

billing_center_viewer [Read Only](#)

Google Cloud Required Permissions:

cloudsql.instances.list Read Only

recommender.cloudsqlIdleInstanceRecommendations.list Read Only

resourcemanager.projects.get Read Only

Google Cloud Optional Permissions:

cloudsql.instances.delete Write

cloudsql.instances.update Write

Google Idle IP Address Recommender 4.3.0**Flexera Required Permissions:**

billing_center_viewer Read Only

Google Cloud Required Permissions:

compute.addresses.list Read Only

recommender.computeAddressIdleResourceRecommendations.list Read Only

resourcemanager.projects.get Read Only

Google Cloud Optional Permissions:

compute.addresses.delete Write

Google Idle Persistent Disk Recommender 4.3.0**Flexera Required Permissions:**

billing_center_viewer Read Only

Google Cloud Required Permissions:

compute.disks.list Read Only

logging.logEntries.list Read Only

logging.privateLogEntries.list Read Only

logging.views.access Read Only

recommender.computeDiskIdleResourceRecommendations.list Read Only

resourcemanager.projects.get Read Only

Google Cloud Optional Permissions:

compute.disks.createSnapshot Write

compute.disks.delete Write

compute.globalOperations.get Write

compute.snapshots.create Write

compute.zoneOperations.get Write

Google Label Cardinality Report 0.2.0

Flexera Required Permissions:

billing_center_viewer Read Only

Google Cloud Required Permissions:

bigquery.datasets.get Read Only

bigquery.datasets.list Read Only

bigquery.tables.get Read Only

bigquery.tables.list Read Only

cloudsql.instances.get Read Only

cloudsql.instances.list Read Only

compute.addresses.get Read Only

compute.addresses.list Read Only

compute.disks.get Read Only

compute.disks.list Read Only

compute.images.get Read Only

compute.images.list Read Only

compute.instances.get Read Only

compute.instances.list Read Only

compute.snapshots.get Read Only

compute.snapshots.list Read Only

compute.storagePools.get Read Only

compute.storagePools.list Read Only

compute.vpnGateways.get Read Only

compute.vpnGateways.list Read Only

compute.vpnTunnels.get Read Only

compute.vpnTunnels.list Read Only

resourceManager.projects.get Read Only

resourceManager.projects.list Read Only

storage.buckets.get Read Only

storage.buckets.list Read Only

Google Long Stopped VM Instances 4.1.0

Flexera Required Permissions:

billing_center_viewer Read Only

Google Cloud Required Permissions:

compute.instances.get Read Only

compute.instances.list Read Only

monitoring.metricDescriptors.list Read Only

monitoring.timeSeries.list Read Only

resourceManager.projects.get Read Only

Google Cloud Optional Permissions:

compute.instances.delete Write

compute.instances.stop **Write**

Google Missing Projects 0.1.0

Flexera Required Permissions:

billing_center_viewer **Read Only**

Google Cloud Required Permissions:

resourcemanager.projects.get **Read Only**

Google Object Storage Optimization 3.0.4

Flexera Required Permissions:

billing_center_viewer **Read Only**

Google Cloud Required Permissions:

resourcemanager.projects.get **Read Only**

storage.buckets.list **Read Only**

storage.objects.list **Read Only**

Google Cloud Optional Permissions:

storage.objects.create **Write**

storage.objects.delete **Write**

Google Old Snapshots 5.2.0

Flexera Required Permissions:

billing_center_viewer **Read Only**

Google Cloud Required Permissions:

billing.accounts.get **Read Only**

compute.disks.list **Read Only**

compute.regions.list **Read Only**

compute.snapshots.get **Read Only**

compute.snapshots.list **Read Only**

compute.zones.list **Read Only**

resourcemanager.projects.get **Read Only**

Google Cloud Optional Permissions:

compute.snapshots.delete **Write**

Google Open Buckets 3.2.0

Flexera Required Permissions:

billing_center_viewer Read Only

Google Cloud Required Permissions:

resourcemanager.projects.get Read Only

storage.buckets.get Read Only

storage.buckets.getIamPolicy Read Only

storage.buckets.list Read Only

Google Overutilized VM Instances 0.1.0**Flexera Required Permissions:**

billing_center_viewer Read Only

Google Cloud Required Permissions:

compute.instances.get Read Only

compute.instances.list Read Only

compute.machineTypes.list Read Only

monitoring.metricDescriptors.list Read Only

monitoring.timeSeries.list Read Only

resourcemanager.projects.get Read Only

Google Cloud Optional Permissions:

compute.instances.setMachineType Write

compute.instances.start Write

compute.instances.stop Write

Google Recommenders 3.1.0**Flexera Required Permissions:**

billing_center_viewer Read Only

Google Cloud Required Permissions:

resourcemanager.projects.get Read Only

Google Cloud Optional Permissions:

recommender.cloudSecurityGeneralRecommendations.list Read Only

recommender.cloudsqlIdleInstanceRecommendations.list Read Only

recommender.cloudsqlInstanceOutOfDiskRecommendations.list Read Only

recommender.cloudsqlOverprovisionedInstanceRecommendations.list Read Only

recommender.computeAddressIdleResourceRecommendations.list Read Only

recommender.computeDiskIdleResourceRecommendations.list Read Only

recommender.computeImageIdleResourceRecommendations.list Read Only

recommender.computeInstanceGroupManagerMachineTypeRecommendations.list Read Only

recommender.computeInstanceIdleResourceRecommendations.list Read Only

recommender.computeInstanceMachineTypeRecommendations.list Read Only
recommender.containerDiagnosisRecommendations.list Read Only
recommender.iamPolicyRecommendations.list Read Only
recommender.loggingProductSuggestionContainerRecommendations.list Read Only
recommender.monitoringProductSuggestionComputeRecommendations.list Read Only
recommender.resourceManagerProjectUtilizationRecommendations.list Read Only
recommender.runServiceSecurityRecommendations.list Read Only
recommender.usageCommitmentRecommendations.list Read Only

Google Rightsize Cloud SQL Recommender 0.2.0

Flexera Required Permissions:

billing_center_viewer Read Only

Google Cloud Required Permissions:

cloudsql.instances.list Read Only
recommender.cloudsqlIdleInstanceRecommendations.list Read Only
recommender.cloudsqlOverprovisionedInstanceRecommendations.list Read Only
resourceManager.projects.get Read Only

Google Cloud Optional Permissions:

cloudsql.instances.delete Write
cloudsql.instances.update Write

Google Rightsize VM Recommender 3.2.0

Flexera Required Permissions:

billing_center_viewer Read Only

Google Cloud Required Permissions:

compute.instances.get Read Only
compute.instances.list Read Only
monitoring.metricDescriptors.list Read Only
monitoring.timeSeries.list Read Only
resourceManager.projects.get Read Only

Google Cloud Optional Permissions:

compute.instances.delete Write
compute.instances.setMachineType Write
compute.instances.start Write
compute.instances.stop Write
recommender.computeInstanceIdleResourceRecommendations.list Read Only
recommender.computeInstanceMachineTypeRecommendations.list Read Only

Google Rule-Based Dimension From Project Labels 2.0.0

Flexera Required Permissions:

billing_center_viewer Read Only

observer Read Only

rule_based_dimensions_manager Read Only

Google Cloud Required Permissions:

resourcemanager.projects.get Read Only

Google Schedule Instance 6.0.0

Flexera Required Permissions:

billing_center_viewer Read Only

Google Cloud Required Permissions:

compute.instances.delete Write

compute.instances.get Read Only

compute.instances.list Read Only

compute.instances.setLabels Write

compute.instances.start Write

compute.instances.stop Write

compute.zones.list Read Only

resourcemanager.projects.get Read Only

Google Unlabeled Resources 3.2.0

Flexera Required Permissions:

billing_center_viewer Read Only

Google Cloud Required Permissions:

compute.disks.list Read Only

compute.externalVpnGateways.list Read Only

compute.images.list Read Only

compute.instances.list Read Only

compute.snapshots.list Read Only

compute.vpnGateways.list Read Only

resourcemanager.projects.get Read Only

storage.buckets.list Read Only

Google Cloud Optional Permissions:

compute.disks.setLabels Write

compute.externalVpnGateways.setLabels Write

compute.images.setLabels Write

compute.instances.setLabels Write

compute.snapshots.setLabels Write

compute.vpnGateways.setLabels Write

resourceManager.projects.update Write

storage.buckets.update Write
