

FCM configuration - Grant permission for another Project

Configuration for forwarding Cloud Messages from Verestro FCM to Client's FCM.

1. Visit console.cloud.google.com/iam-admin
2. Select **Grant Access**

Permissions for project "project-test-name"

These permissions affect this project and all of its resources. [Learn more](#)

[VIEW BY PRINCIPALS](#) [VIEW BY ROLES](#)

[+ GRANT ACCESS](#) [- REMOVE ACCESS](#)

Filter Enter property name or value

<input type="checkbox"/>	Type	Principal ↑	Name	Role
<input type="checkbox"/>		your-account@gmail.com	Your Account	Owner
<input type="checkbox"/>		firebase-adminsdk-sdg2e@project-test-name-79fdf.iam.gserviceaccount.com	firebase-adminsdk	Firebase Admin SDK Administrator Service Account Service Account Token Creator
<input type="checkbox"/>		firebase-service-account@firebase-sa-management.iam.gserviceaccount.com		Firebase Service Management Service Agent

3. In **Assign roles** section select a role from a list

Assign roles

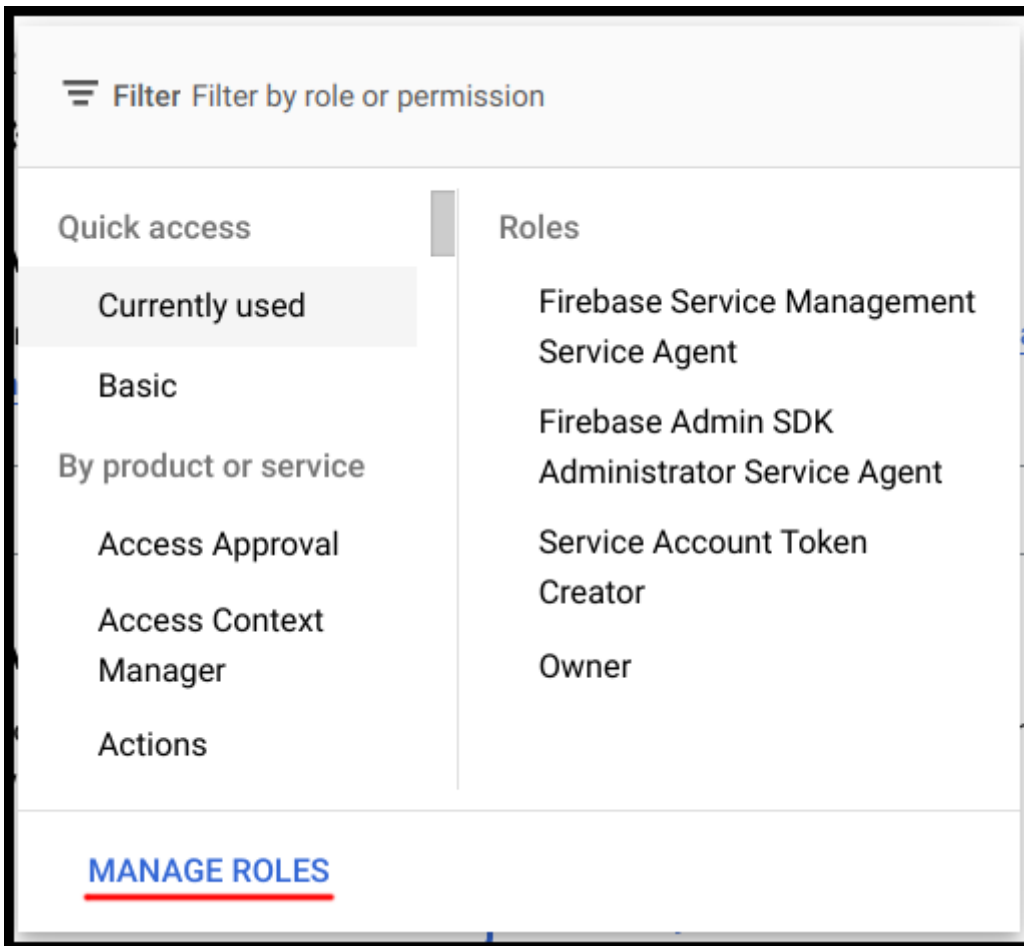
Roles are composed of sets of permissions and determine what the principal can do with this resource. [Learn more](#)

▼

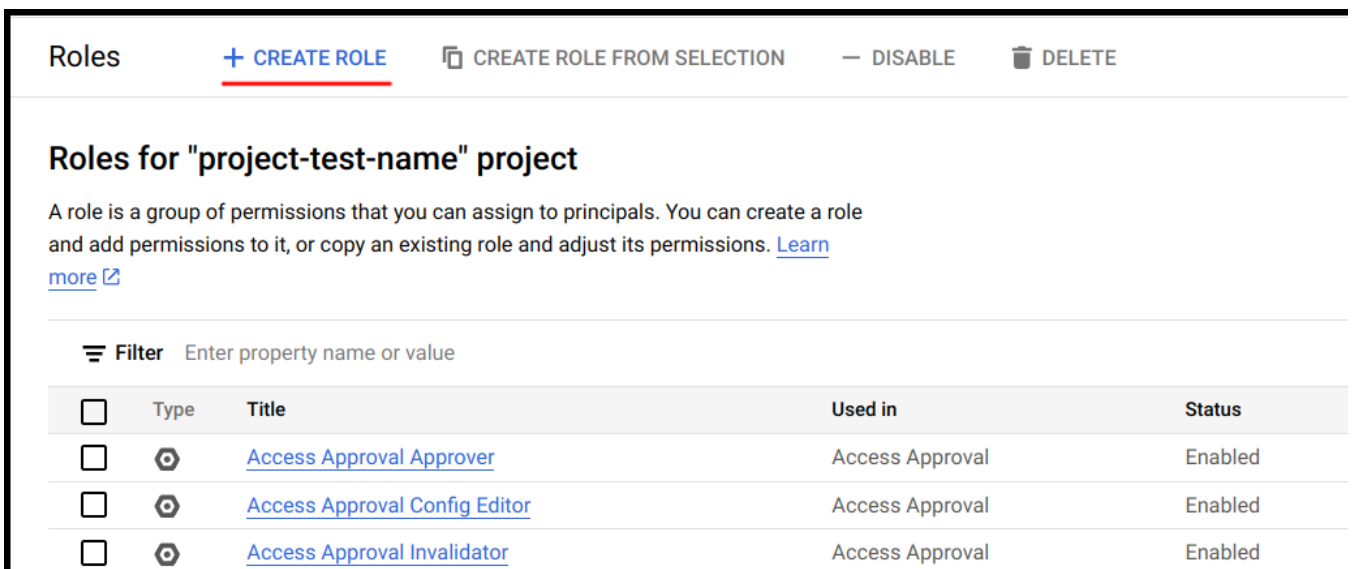
IAM condition (optional) ? [+ ADD IAM CONDITION](#)

[+ ADD ANOTHER ROLE](#)


4. Select option **Manage roles**





5. Select **Create role**





6. Fill title (1) and ID (2) fields, and click on **Add permissions** (3)

Custom roles let you group permissions and assign them to principals in your project or organization. You can manually select permissions or import permissions from another role. [Learn more](#) 

1 **Title ***
Create FCM Message 
18 / 100 characters

Description
Created on: 2024-06-10 
22 / 256 characters

2 **ID ***
CreateFcmMessageRole 

Role launch stage
Alpha 

3 [+ ADD PERMISSIONS](#)

7. In **Add permissions** window, using filter field find **cloudmessaging.messages.create** value

Add permissions

Filter permissions by role

Filter

cloudmessaging.mess



Values

Status



cloudmessaging.messages.create

Supported



firebasecloudmessaging.messages.create

Supported



accessapproval.requests.get

Supported



accessapproval.requests.invalidate

Supported

8. Mark found permission, and add it

Add permissions

Filter permissions by role

Filter

cloudmessaging.messages.create



Enter property name or value



Permission ↑

Status



cloudmessaging.messages.create

Supported

1

2

CANCEL

ADD

9. After adding permission, create the role

1 assigned permission

Filter Enter property name or value



<input checked="" type="checkbox"/>	Permission ↑	Status
<input checked="" type="checkbox"/>	cloudmessaging.messages.create	Supported



Some permissions might be associated with and checked by third parties. These permissions contain the third party's service and domain name in the permission prefix.

SHOW ADDED AND REMOVED PERMISSIONS

CREATE

CANCEL

10. There should appear our new created role

Roles for "project-test-name" project

A role is a group of permissions that you can assign to principals. You can create a role and add permissions to it, or copy an existing role and adjust its permissions. [Learn more](#)

Filter Enter property name or value

<input type="checkbox"/>	Type	Title	Used in	Status
<input type="checkbox"/>		Create FCM Message	Custom	Enabled
<input type="checkbox"/>		Access Approval Approver	Access Approval	Enabled

11. Visit <https://console.cloud.google.com/iam-admin/iam>

12. Select **Grant access** option again

Permissions for project "project-test-name"

These permissions affect this project and all of its resources. [Learn more](#)

[VIEW BY PRINCIPALS](#) [VIEW BY ROLES](#)

[+ GRANT ACCESS](#) [- REMOVE ACCESS](#)

Filter Enter property name or value

<input type="checkbox"/>	Type	Principal ↑	Name	Role
<input type="checkbox"/>	Person	your-account@gmail.com	Your Account	Owner
<input type="checkbox"/>	Service Account	firebase-adminsdk-sdg2e@project-test-name-79fdf.iam.gserviceaccount.com	firebase-adminsdk	Firebase Admin SDK Administrator Service Account Service Account Token Creator
<input type="checkbox"/>	Service Account	firebase-service-account@firebase-sa-management.iam.gserviceaccount.com		Firebase Service Management Service Agent

13. Input e-mail in New principals field (1) for account which will be using the new role (**principal provided directly or in configuration file**), and next in **Assign roles** section **select a role** (2) from a list

Add principals

Principals are users, groups, domains, or service accounts. [Learn more about principals in IAM](#)

1 New principals *

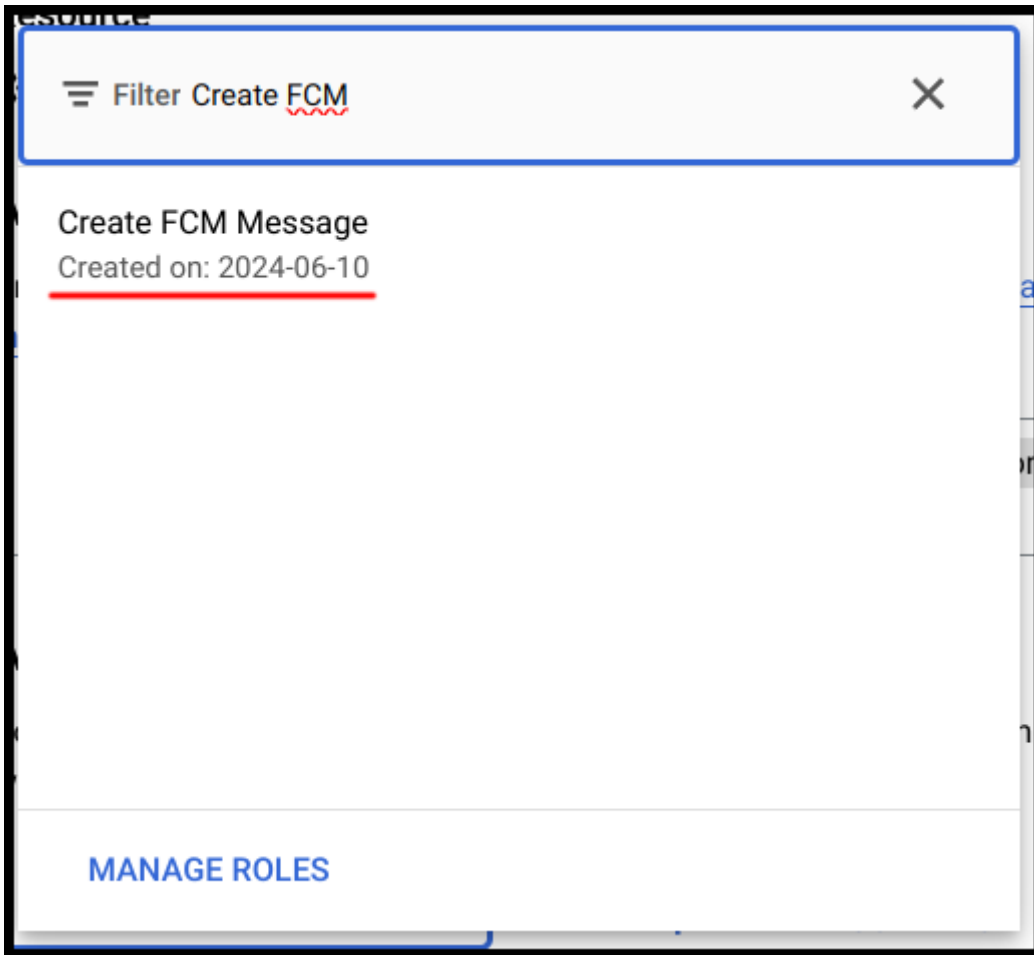
Assign roles

Roles are composed of sets of permissions and determine what the principal can do with this resource. [Learn more](#)

2

IAM condition (optional) [?](#) [+ ADD IAM CONDITION](#)

14. Using filter field, find new created role



15. After choosing a role, save the principal access

Add principals

Principals are users, groups, domains, or service accounts. [Learn more about principals in IAM](#)

New principals *

firebase-adminsdk-ldilt@

Assign roles

Roles are composed of sets of permissions and determine what the principal can do with this resource. [Learn more](#)

Role *

Create FCM Message

IAM condition (optional) ?

+ ADD IAM CONDITION

Created on: 2024-06-10

+ ADD ANOTHER ROLE

SAVE

CANCEL

16. There should appear new principal with new role on the list

Type	Principal ↑	Name	Role
<input type="checkbox"/>	your-account@gmail.com	Your Account	Owner
<input type="checkbox"/>	firebase-adminsdk-ldilt@		<u>Create FCM Message</u>
<input type="checkbox"/>	firebase-adminsdk-sdg2e@project-test-name-79fdf.iam.gserviceaccount.com	firebase-adminsdk	Firestore Admin SDK Administrator Service Account Service Account Token Creator
<input type="checkbox"/>	firebase-service-account@firebase-sa-management.iam.gserviceaccount.com		Firestore Service Management Service Agent

Revision #5

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