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# Google Cloud Functions Error: Forbidden
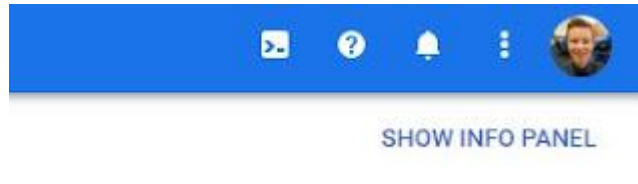
*on June 08, 2020*



Google Cloud Functions seem to have changed recently and the change seems to be for security reasons, previously when I created new cloud functions they would deploy and just work, however now Google cloud functions require you to set permissions on who can invoke them, presumably so you don't accidentally deploy a private function publicly.
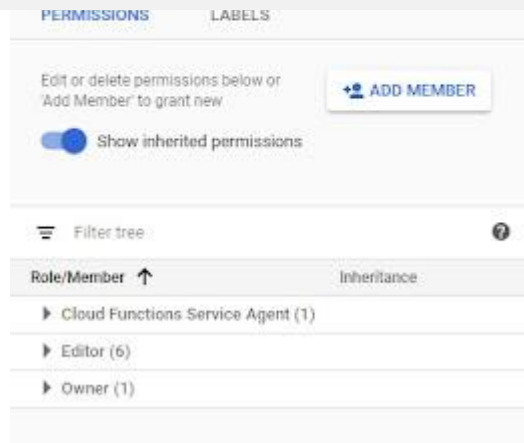
If you create a new Google Cloud Function and receive the following error, it may be due to the permissions set on the function.

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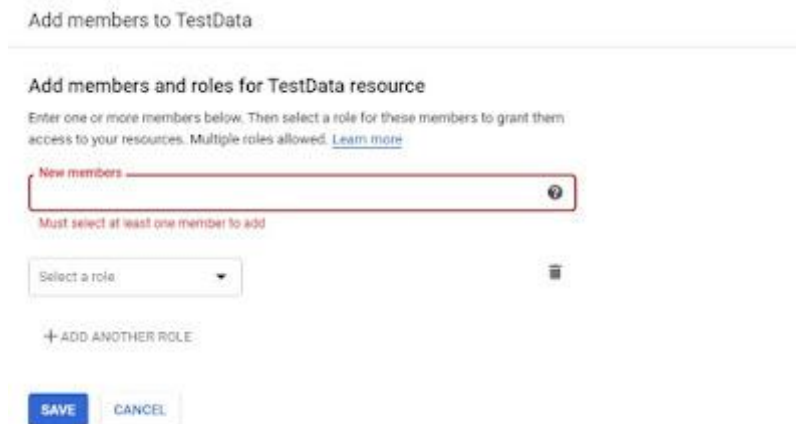~~Your client does not have permission to get URL /function~~

from this server.

## Set permissions on Google Cloud Function

Description

| 1 | Navigate to the functions list [cloud.google.com/functions/list](cloud.google.com/functions/list) |

| 2 | In the top left of the screen click on "Show Info Panel" if the panel is already displayed you will see "Hide info panel"

 |

| 3 | Select a function in the function list to load the properties in the info panel. |

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PERMISSIONS          LABELS

Edit or delete permissions below or       **+2 ADD MEMBER**
'Add Member' to grant new

🔵 Show inherited permissions

☰  Filter tree                                                    ❓

Role/Member ↑                                    Inheritance

▶ Cloud Functions Service Agent (1)

▶ Editor (6)

▶ Owner (1)

**4** Click the "**Add member**" button, this will display an "Add users" screen

Add members to TestData

Add members and roles for TestData resource

Enter one or more members below. Then select a role for these members to grant them
access to your resources. Multiple roles allowed. Learn more

New members
[                                                                    ❓ ]

Must select at least one member to add

Select a role          ▼                                          🗑

➕ ADD ANOTHER ROLE

**SAVE**   CANCEL

**5** In the new members field, type in "allUsers" and select the "**allUsers**" option. allUsers enables anyone with the link to invoke your function.

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allUsers

allAuthenticatedUsers

+ ADD ANOTHER ROLE

SAVE    CANCEL
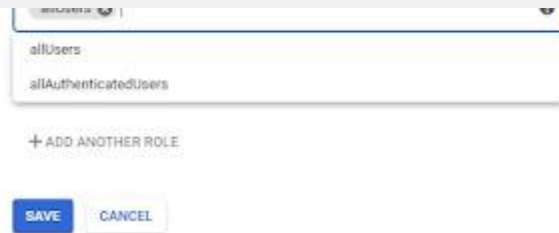
**6** In the "Select a role" dropdown, select **Cloud Functions** then **Cloud Functions Invoker**. This role enables all users to invoke a Google cloud function, they can only invoke the function and have restricted access.
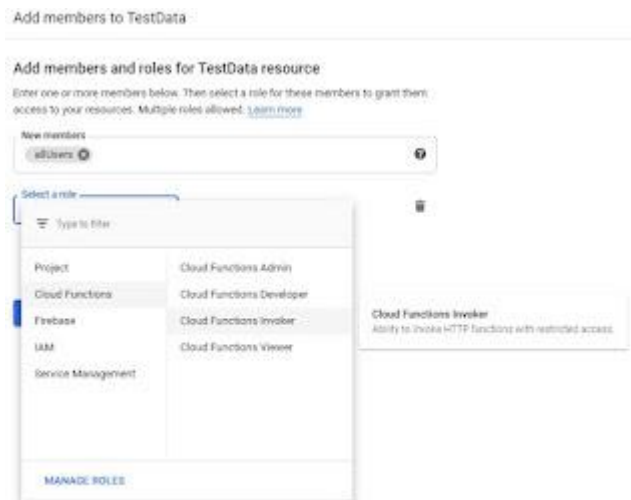


**7** Click **Save,** a popup will appear for you to confirm you'd like to enable public access, click **Allow public access**, you should now be able to invoke your function.

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CANCEL     ALLOW PUBLIC ACCESS

Was this helpful?

Yes     No

GOOGLE CLOUD      GOOGLE CLOUD FUNCTIONS      SERVERLESS

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