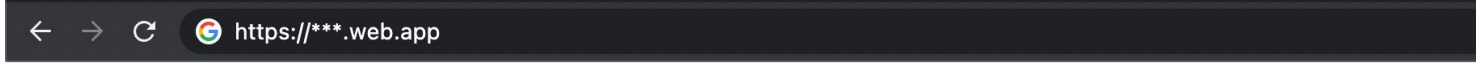


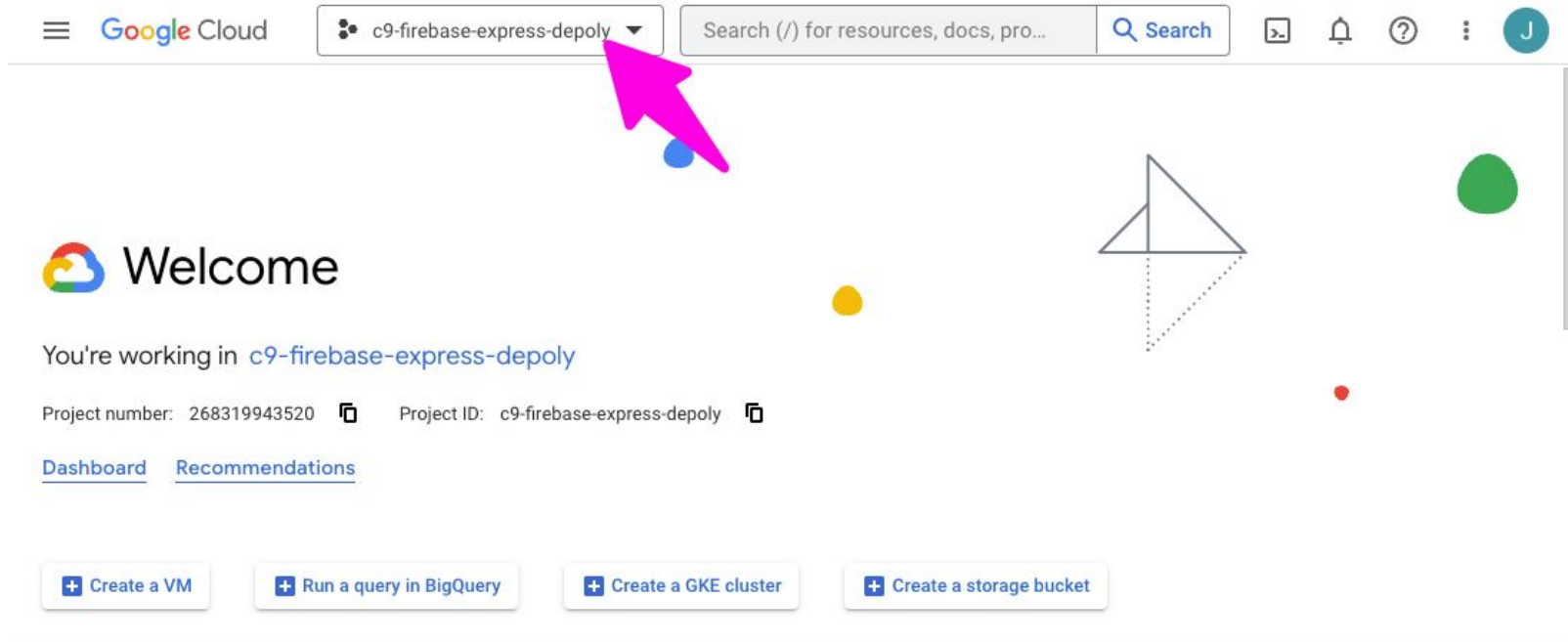
After deployment do you this see this error? If yes let's fix it.



## Error: Forbidden

Your client does not have permission to get URL /[redacted] from this server.

1) Got to [cloud.google.com](https://cloud.google.com) and select your project.



The screenshot shows the Google Cloud console interface. At the top, there is a navigation bar with the Google Cloud logo on the left. To its right is a dropdown menu currently showing 'c9-firebase-express-depoly' with a downward arrow. A large pink arrow points to this dropdown menu. Further right is a search bar with the placeholder text 'Search (/) for resources, docs, pro...' and a 'Search' button. On the far right of the navigation bar are icons for a terminal, notifications, help, and a user profile icon labeled 'J'.

Below the navigation bar, the main content area starts with a 'Welcome' message accompanied by the Google Cloud logo. Underneath, it states 'You're working in c9-firebase-express-depoly'. Below this, it displays 'Project number: 268319943520' and 'Project ID: c9-firebase-express-depoly', each with a copy icon. There are two links: 'Dashboard' and 'Recommendations'. At the bottom of the page, there are four buttons: 'Create a VM', 'Run a query in BigQuery', 'Create a GKE cluster', and 'Create a storage bucket'.

## 2) Search for “Cloud Function” and select it.

The screenshot shows the Google Cloud console interface. At the top, the Google Cloud logo is on the left, and a search bar contains the text "cloud function". To the right of the search bar are icons for notifications, help, and a user profile. Below the search bar, a dropdown menu is open, displaying search results. The first section is "PRODUCTS & PAGES", which includes "Cloud Functions" (described as "Event-driven serverless functions"), "Cloud Run" (described as "Serverless for containerized applications"), "Security Command Center" (described as "Security"), and "Asset Inventory" (described as "IAM & Admin"). The "Cloud Functions" item is highlighted with a yellow rectangle, and a pink arrow points to it. Below this section is "DOCUMENTATION & TUTORIALS", which includes "Cloud Functions", "Cloud Functions documentation", and "Trigger Cloud Functions with Cloud Storage". The background of the console shows a "Welcome" message, the project name "c9-firebase-express-depoly", and various project details and navigation links.

Google Cloud

c9-firebase-express-depoly

cloud function

Search

PRODUCTS & PAGES

- (...) **Cloud Functions**  
Event-driven serverless functions
- » **Cloud Run**  
Serverless for containerized applications
- » **Security Command Center**  
Security
- » **Asset Inventory**  
IAM & Admin

DOCUMENTATION & TUTORIALS

- » **Cloud Functions**  
Cloud Functions lets you treat all Google and third...
- » **Cloud Functions documentation**  
Cloud Functions is a lightweight compute solution...
- » **Trigger Cloud Functions with Cloud Storage**

Welcome

You're working in c9-firebase-express-depoly

Project number: 268319943520 Project ID: c9-firebase-express-depoly

[Dashboard](#) [Recommendations](#)

+ Create a VM + Run a query in BigQuery + Create a...

Privacy Policy · Terms of Service

### 3) Select your project and click on **Permissions**.

The screenshot shows the Google Cloud console interface for Cloud Functions. At the top, the Google Cloud logo is on the left, followed by a project selector showing 'c9-firebase-express-depoly'. To the right is a search bar containing 'cloud function'. Below this is a toolbar with '1 function selected', 'DELETE', 'COPY', 'PERMISSIONS', and 'LABELS' buttons. A table below lists the functions. The first function, 'api', is selected, indicated by a blue checkbox. Two pink arrows with text boxes provide instructions: one points to the selected checkbox with the text '1) Select checkbox of your project.', and the other points to the 'PERMISSIONS' button with the text '2) Click on Permissions.'

Google Cloud

c9-firebase-express-depoly

cloud function

Search

1 function selected

DELETE COPY PERMISSIONS LABELS

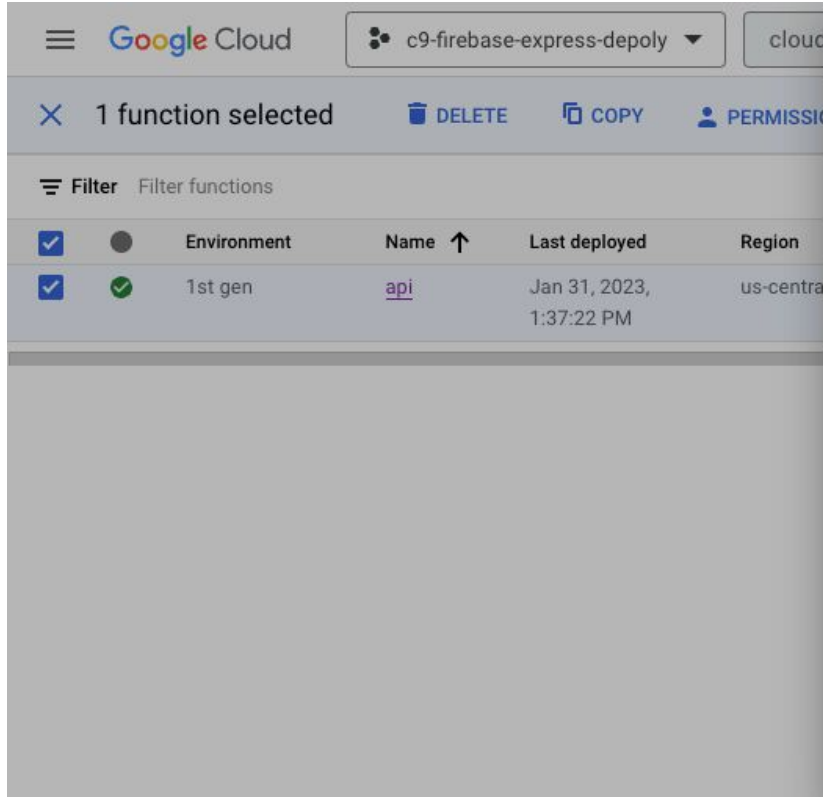
Filter Filter functions

<input checked="" type="checkbox"/>	Environment	Name ↑	Last deployed	Region	Trigger	Runtime	Memory allocated	Executed function	Actions
<input checked="" type="checkbox"/>	1st gen	<a href="#">api</a>	Jan 31, 2023, 1:37:22 PM	us-central1	HTTP	Node.js 16	256 MB	api	⋮

1) Select checkbox of your project.

2) Click on Permissions.

## 4) Side panel will appear then click on **Add Principal**.



The screenshot shows the Google Cloud console interface. At the top, there's a navigation bar with the Google Cloud logo and a dropdown menu showing 'c9-firebase-express-depoly'. Below this, a side panel is open, displaying '1 function selected'. The panel includes buttons for 'DELETE', 'COPY', and 'PERMISSIONS'. A 'Filter' section is visible, showing 'Filter functions'. The main content area displays a table with columns: 'Environment', 'Name', 'Last deployed', and 'Region'. The table has one row with the following data:

Environment	Name	Last deployed	Region
1st gen	api	Jan 31, 2023, 1:37:22 PM	us-centra

### Permissions for api



This resource is public and can be accessed by anyone on the internet. To remove public access, remove "allUsers" and "allAuthenticatedUsers" from the resource's principals.

Edit or delete permissions below, or select "Add Principal" to grant new access.

 **ADD PRINCIPAL**

☒ Show inherited permissions

 **Filter** Enter property name or value



**Role / Principal** ↑

Inheritance

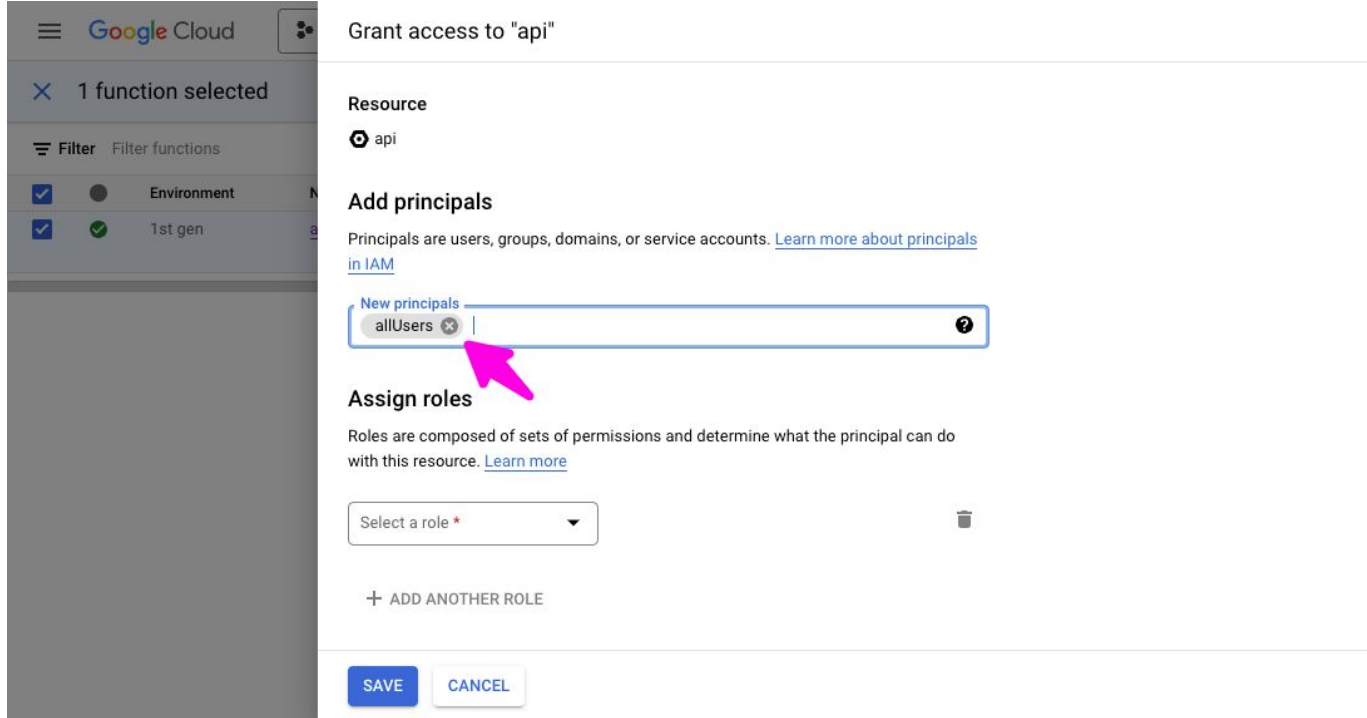
▶ Cloud Functions Invoker (1)

▶ Cloud Functions Service Agent (1)

▶ Editor (1)

▶ Owner (1)

## 5) Add **AllUsers** in New Principles.



Google Cloud

1 function selected

Filter Filter functions

Environment

1st gen

Grant access to "api"

Resource

api

Add principals

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

New principals

allUsers

Assign roles

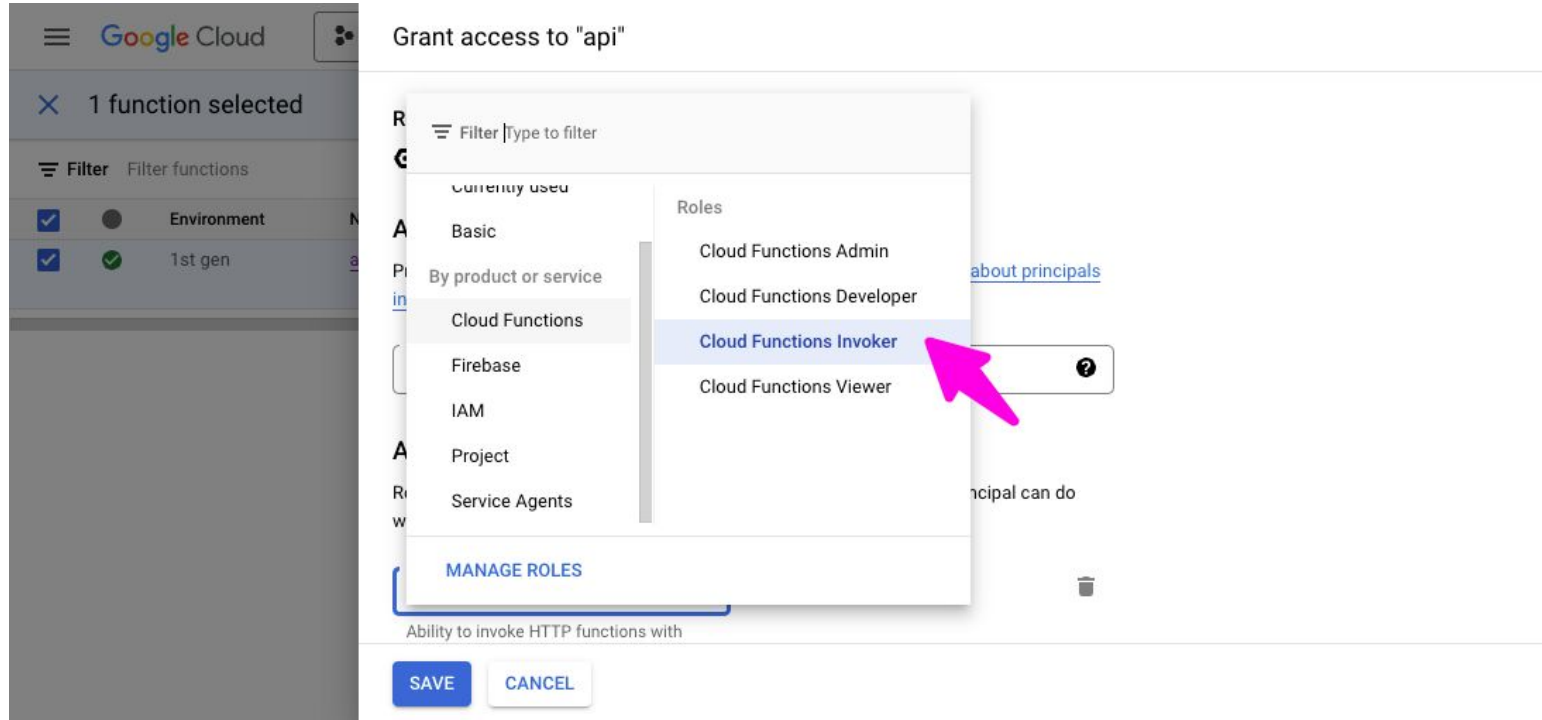
Roles are composed of sets of permissions and determine what the principal can do with this resource. [Learn more](#)

Select a role \*

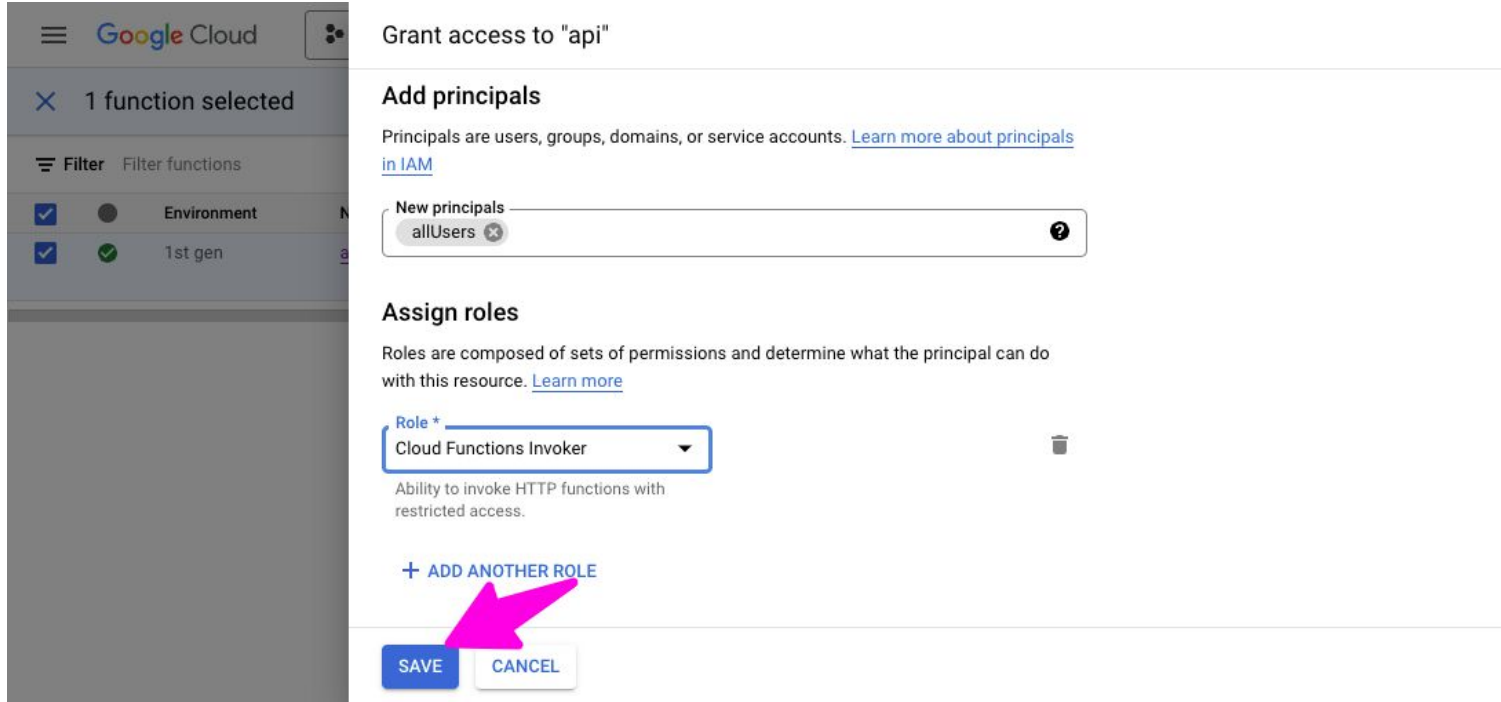
+ ADD ANOTHER ROLE

SAVE CANCEL

## 6) In Assign Roles select **Cloud Functions > Cloud Function Invoker**



## 7) Scroll down and click **Save**.



Google Cloud

1 function selected

Filter Filter functions

Environment

1st gen

### Grant access to "api"

#### Add principals

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

New principals

allUsers

#### Assign roles

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

Role \*

Cloud Functions Invoker

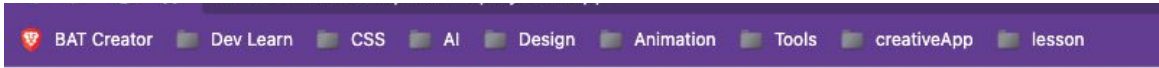
Ability to invoke HTTP functions with restricted access.

+ ADD ANOTHER ROLE

SAVE CANCEL



8) That should have addressed permission issue.



MongoDB: I am root.