

Create a role in Google Cloud IAM

CREATE A CUSTOM ROLE

1. In the Google Cloud console, in the **Navigation menu** (≡), click **IAM & Admin > Roles**. The **Roles** page opens.
2. On the Explorer bar, located near the top of the **Roles** page, click + **Create Role**.
3. In the **Create Role** dialog, specify the following settings and leave the remaining settings as their defaults:

Property	Value (type or select)
Title	Audit Team Reviewer
Description	Custom role, allowing the audit team to conduct its review activities. This role grants read-only access to Firebase database resources.
ID	CustomRole
Role launch stage	General Availability

4. Click the + **Add permissions**. The **Add permissions** dialog box opens.
5. In the **Filter permissions by role** field, type **Firebase Realtime**.
6. In the results drop-down field, select the **Firebase Realtime Database Viewer** checkbox.
7. Click **OK**.

8. Under **Filter**, select the **firebase.clients.list** and **firebasedatabase.instances.list** checkboxes to add these permissions to the custom role.
9. Click **Add**.
10. In the **Create Role** dialog, click **Create**.

GRANT A ROLE TO USER

1. In the Google Cloud console, in the **Navigation menu** (≡), click **IAM & Admin** > **IAM**. The **IAM** page opens.
2. On the **View By Principals** tab, click **Grant access**. The **Grant access** dialog window will open.

Copy the **Google Cloud username 2**: `student-01-9c17c60a8350@qwiklabs.net` and paste it into the **New principals** field

4. Expand the **Select a role** drop-down menu, select **Custom**, and then select **Audit Team Reviewer**. This is the role you created in the previous task.
5. Click **Save**.