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IAM 05.1.4 ..... **3**
IAM 05.1.5 ..... **4**
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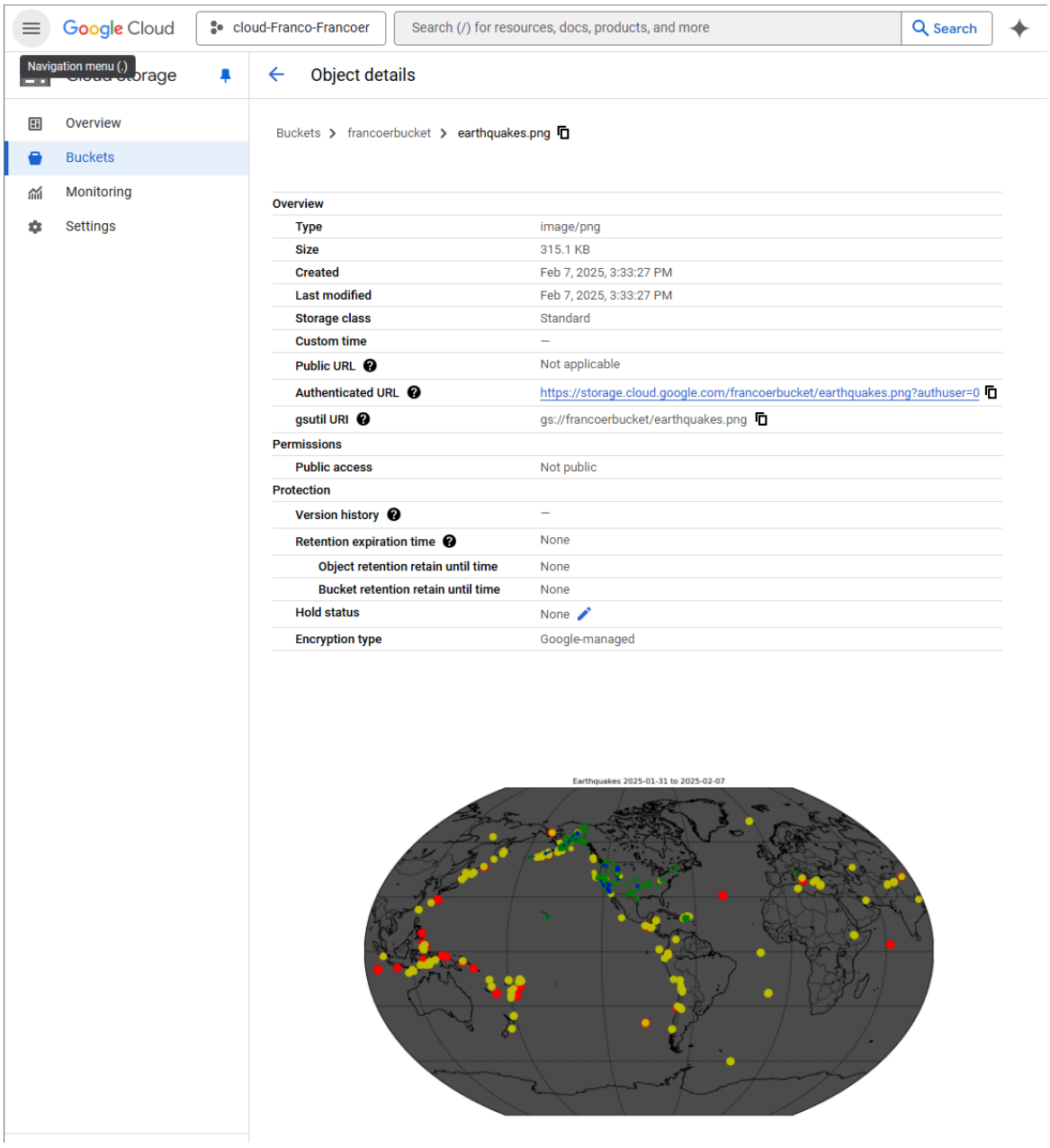
IAM 05.1.2

- What role is attached to the Compute Engine default service account?
    - Editor
- Would it be sufficient for the VM to perform its functions (i.e. creating buckets and reading/writing objects in them)?
    - Yes, an editor would the permissions to do so
- What permissions are given by the default access scope to Cloud Storage?
    - Read
- Would they be sufficient for the VM to perform its functions (i.e. creating buckets and reading/writing objects in them)?
    - No, it would only be able to list and read
- What settings are possible for setting the VM's access to the Storage API?
    - Read, write, read write, full, and None

IAM 05.1.4

- What time did the latest earthquake happen?
    - 2025-02-07T23:19:48.635Z
    - 11:19 pm
- What was the magnitude (mag)?
    - 1.6
- Where was the place it happened?
    - Nevada

IAM 05.1.5


Google Cloud
cloud-Franco-Francoer
Search (/) for resources, docs, products, and more
Search
Navigation menu ()
Object details
Overview
Buckets
Monitoring
Settings
Buckets > francoerbucket > earthquakes.png
Overview
Type image/png
Size 315.1 KB
Created Feb 7, 2025, 3:33:27 PM
Last modified Feb 7, 2025, 3:33:27 PM
Storage class Standard
Custom time –
Public URL Not applicable
Authenticated URL https://storage.cloud.google.com/francoerbucket/earthquakes.png?authuser=0
gsutil URI gs://francoerbucket/earthquakes.png
Permissions
Public access Not public
Protection
Version history –
Retention expiration time None
Object retention retain until time None
Bucket retention retain until time None
Hold status None
Encryption type Google-managed
Earthquakes 2025-01-31 to 2025-02-07

IAM 05.1.9

- What is the exact error message that is returned?

WARNING: Some requests did not succeed.
 - Required 'compute.instances.list' permission for 'projects/cloud-franco-francoer'

- What role needs to be added to the service account's permissions for the VM to have access to list the project's Compute Engine resources?
    - Compute viewer
- Take a screenshot of the output for your notebook.

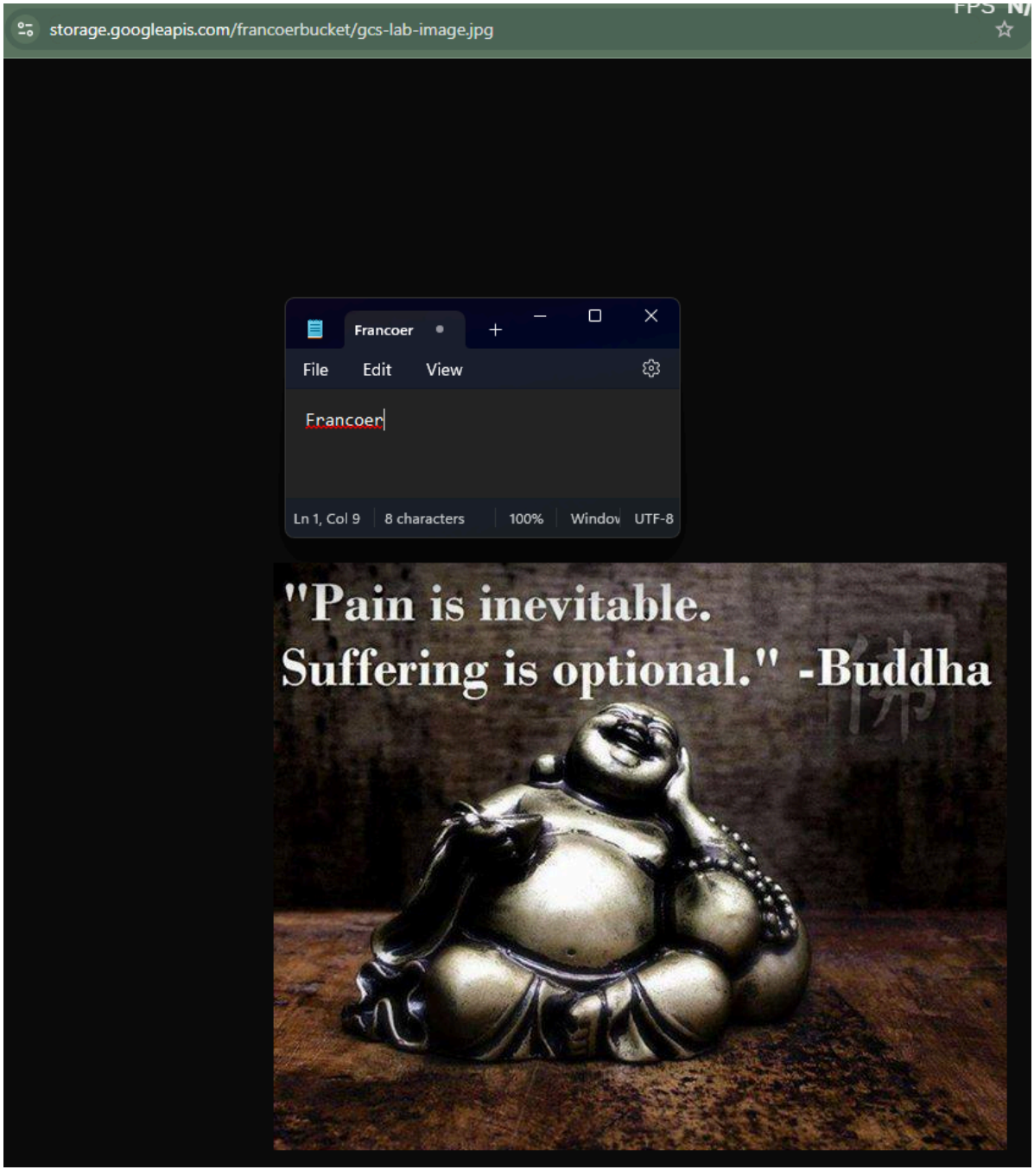
```
francoer@gcs-lab-vm:~$ gcloud compute instances list
NAME        ZONE        MACHINE_TYPE  PREEMPTIBLE  INTERNAL_IP  EXTERNAL_IP    STATUS
course-vm   us-west1-b  e2-medium                  10.138.0.2                  TERMINATED
gcs-lab-vm  us-west1-b  e2-medium                  10.138.0.12  34.168.53.86   RUNNING
usgs        us-west1-b  e2-medium                  10.138.0.11  34.169.152.60  RUNNING
francoer@gcs-lab-vm:~$
```

IAM 05.1.10

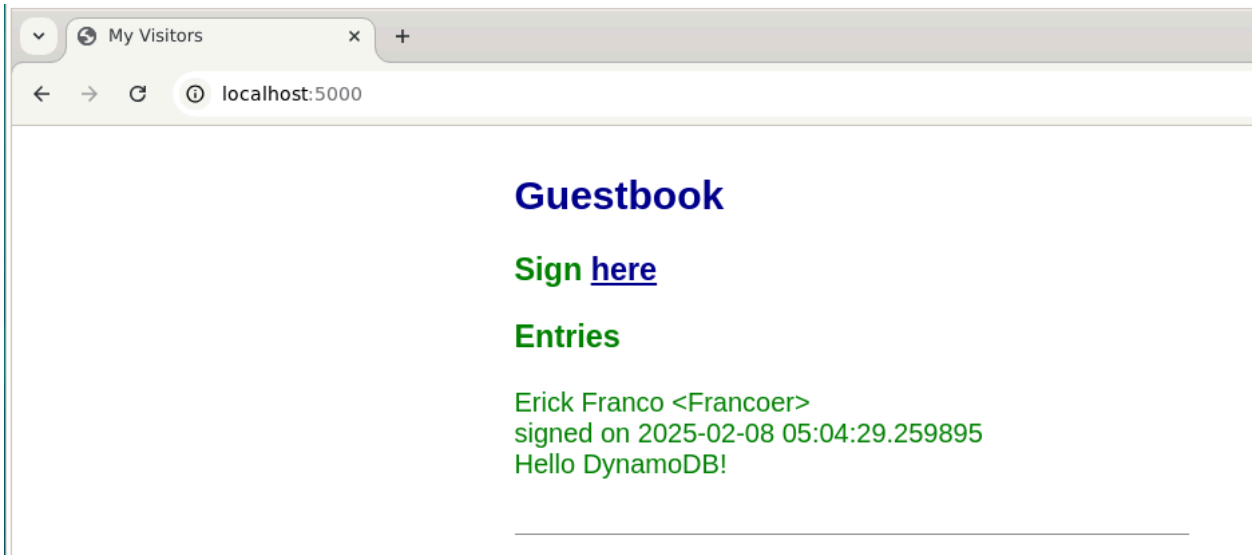
- What is the exact error message that is returned?
    - AccessDeniedException: 403 gcs-lab@cloud-franco-francoer.iam.gserviceaccount.com does not have storage.objects.create access to the Google Cloud Storage object. Permission 'storage.objects.create' denied on resource (or it may not exist).
- What role needs to be added to the service account's permissions for the VM to have access to add an object to a storage bucket?
    - Storage object creator

```
francoer@gcs-lab-vm:~$ gsutil cp moonquakes.png gs://francoerbucket/newfrancoerbucket
Copying file://moonquakes.png [Content-Type=image/png]...
/ [1 files][315.1 KiB/315.1 KiB]
Operation completed over 1 objects/315.1 KiB.
francoer@gcs-lab-vm:~$
```

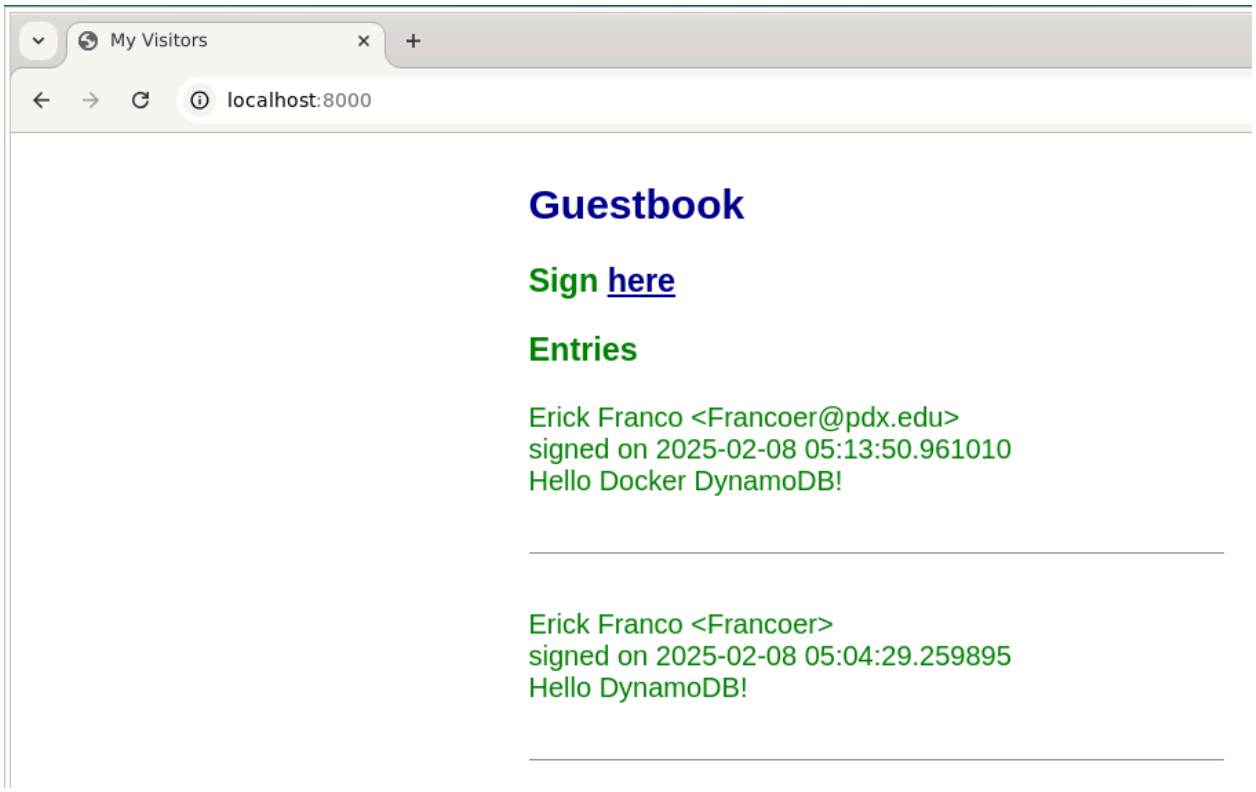
IAM 05.1.12


storage.googleapis.com/francoerbucket/gcs-lab-image.jpg
Francoer
File
Edit
View
Francoer
Ln 1, Col 9
8 characters
100%
Windov
UTF-8
"Pain is inevitable.
Suffering is optional." -Buddha

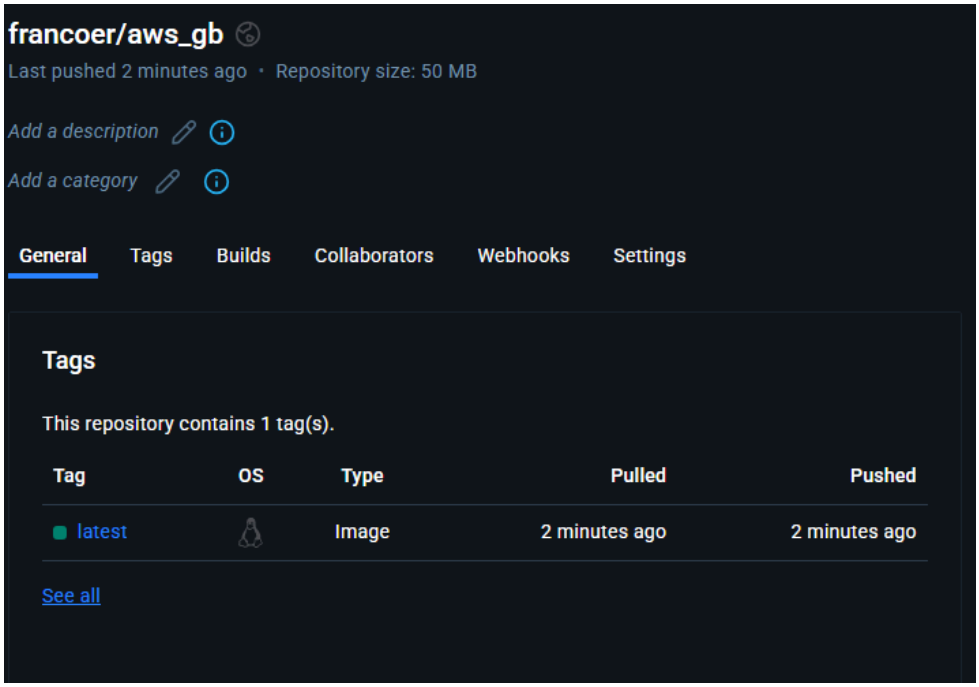
DynamoDB 05.2.5



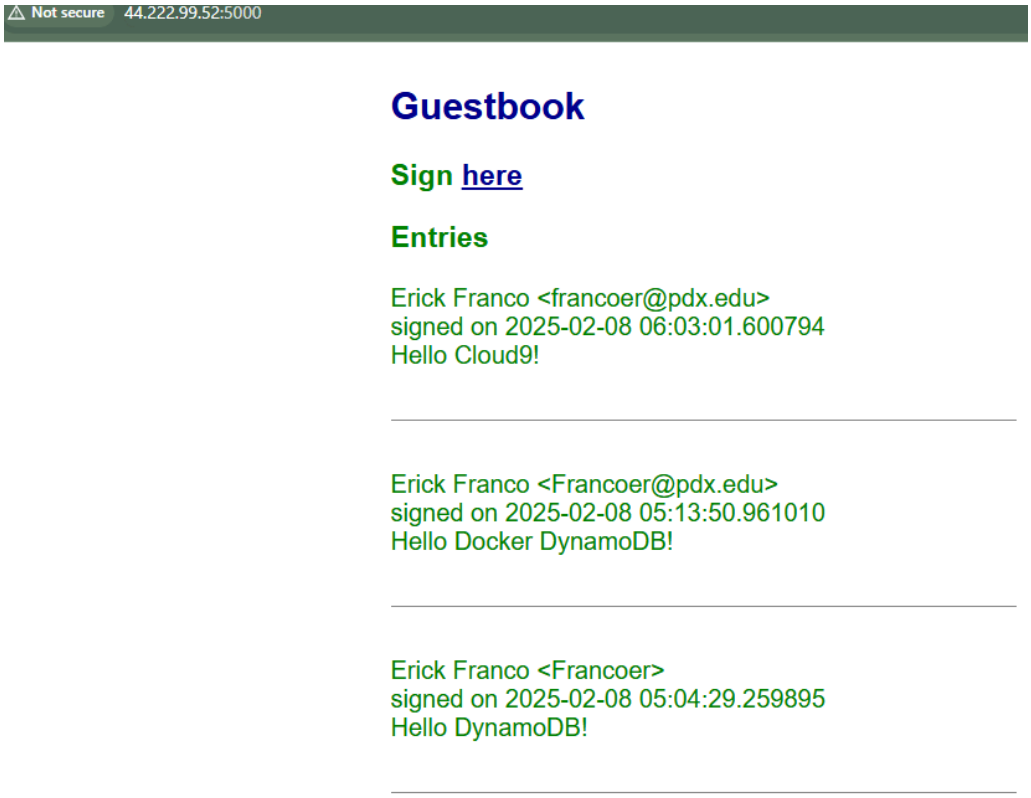
DynamoDB 05.2.7



DynamoDB 05.2.8



DynamoDB 05.2.11



DynamoDB 05.2.15

54.210.100.48

Guestbook

Sign here

Entries

Erick Franco <francoer@pdx.edu>
signed on 2025-02-08 06:03:01.600794
Hello Cloud9!

Erick Franco <francoer@pdx.edu>
signed on 2025-02-08 06:17:03.309486
Hello EC2!

Erick Franco <Francoer@pdx.edu>
signed on 2025-02-08 05:13:50.961010
Hello Docker DynamoDB!

Erick Franco <Francoer>
signed on 2025-02-08 05:04:29.259895
Hello DynamoDB!

DynamoDB 05.2.16

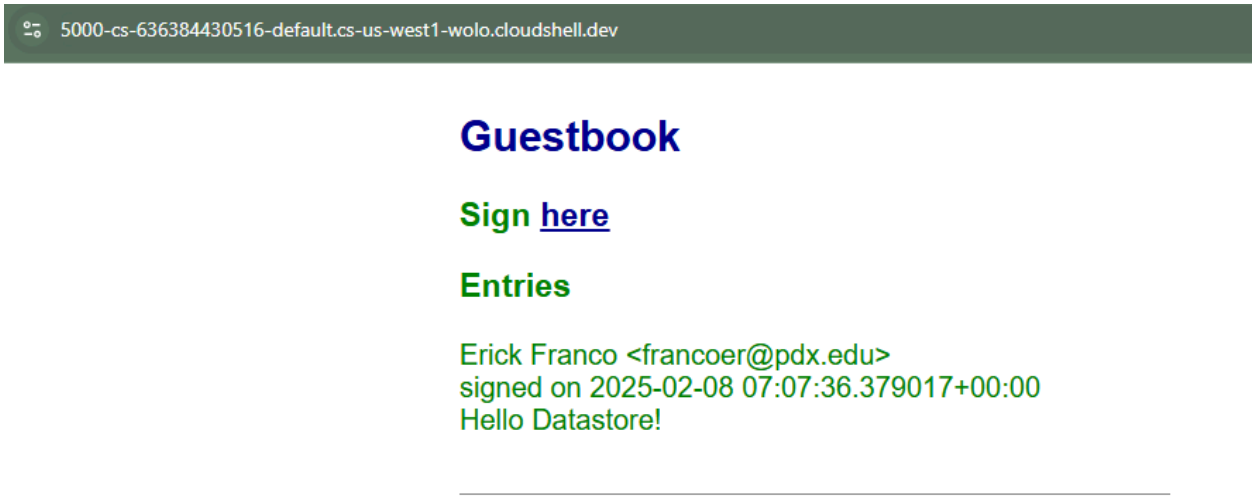
Items returned (4)

Actions ▼ | Create item

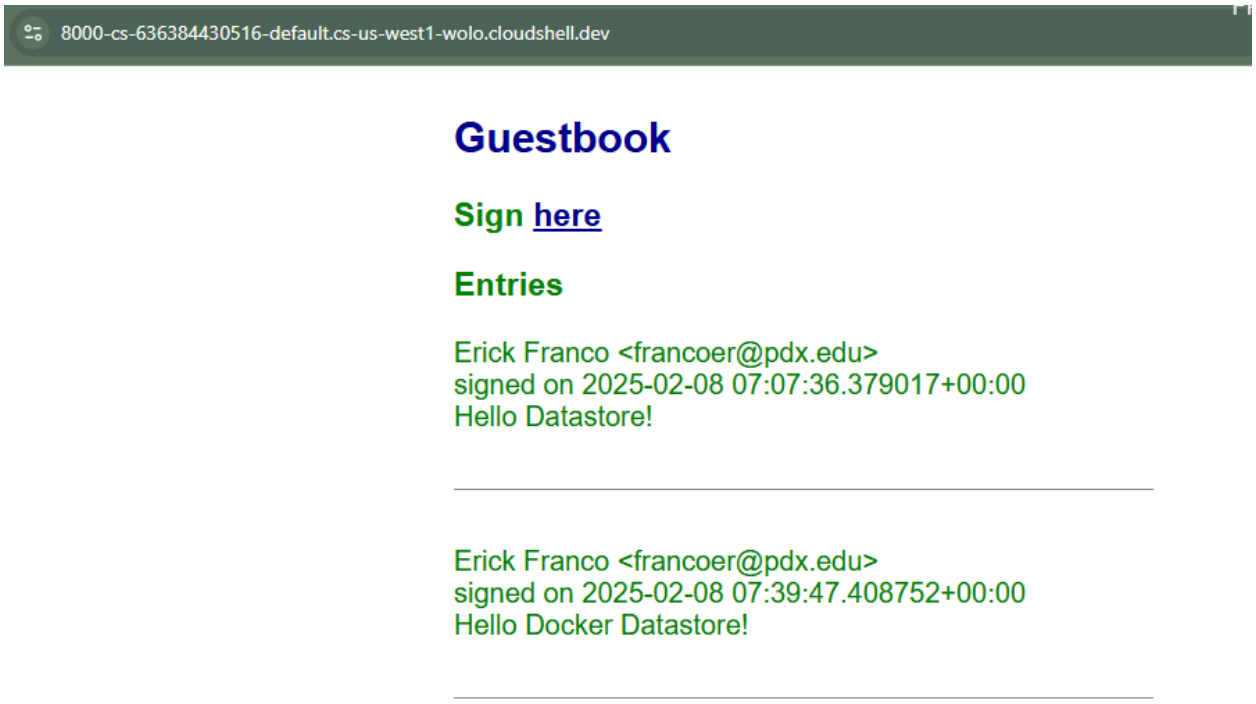
1

email *(String)*	date *(String)*	message	name
francoer@pdx.edu	2025-02-08 06:03:01....	Hello Cloud9!	Erick Franco
francoer@pdx.edu	2025-02-08 06:17:03....	Hello EC2!	Erick Franco
Francoer@pdx.edu	2025-02-08 05:13:50....	Hello Docke...	Erick Franco
Francoer	2025-02-08 05:04:29....	Hello Dyna...	Erick Franco

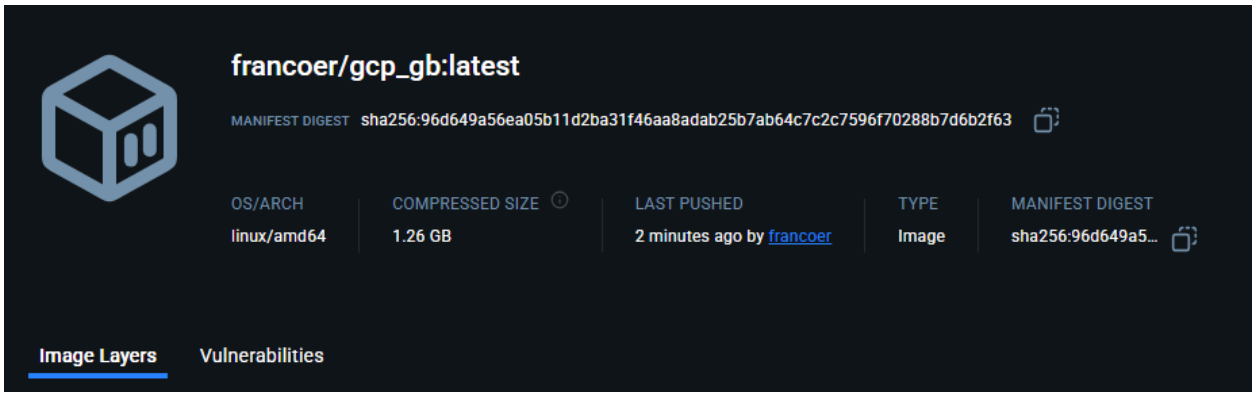
Cloud-data 05.2g.7



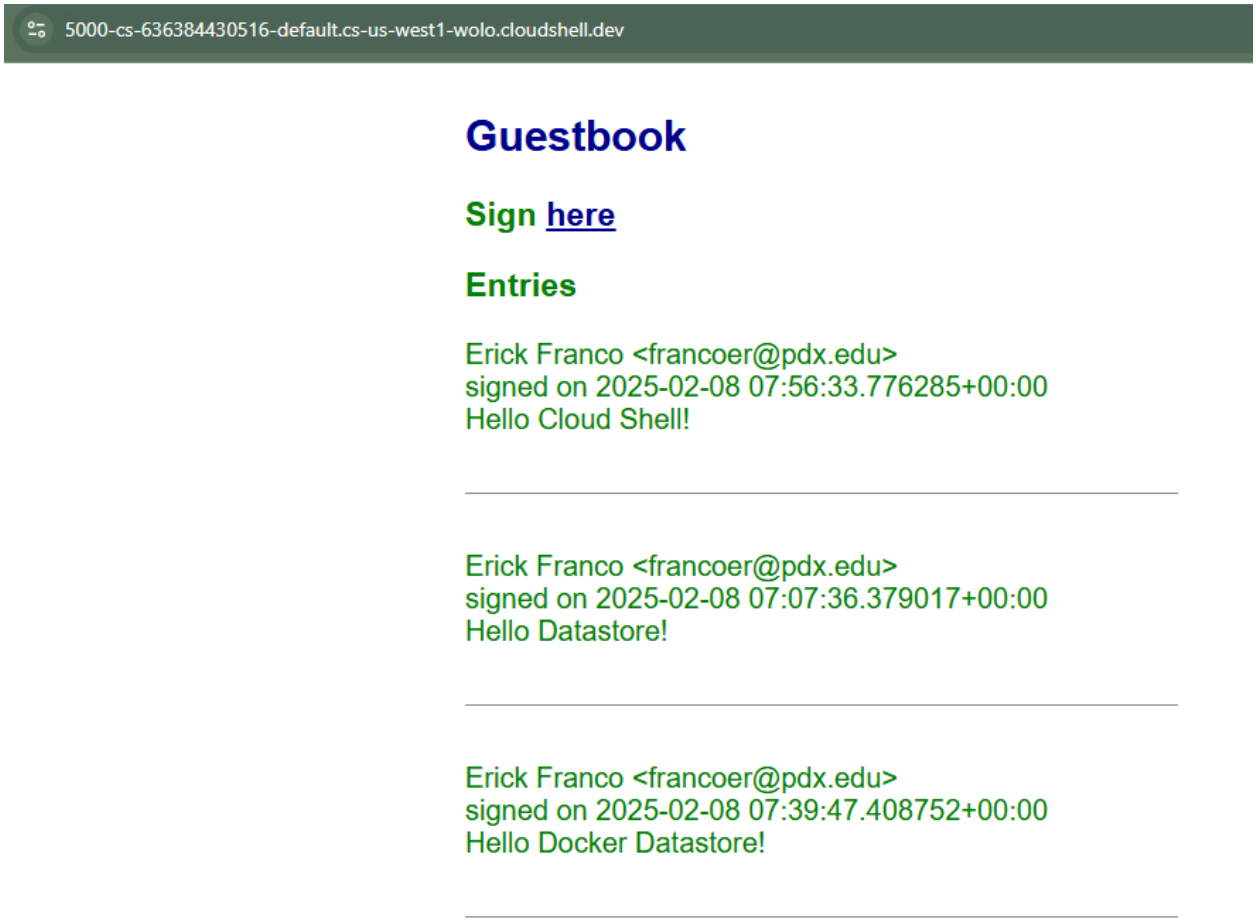
Cloud-data 05.2g.9



Cloud-data 05.2g.10



Cloud-data 05.2g.12



Cloud-data 05.2g.15

Guestbook

Sign here

Entries

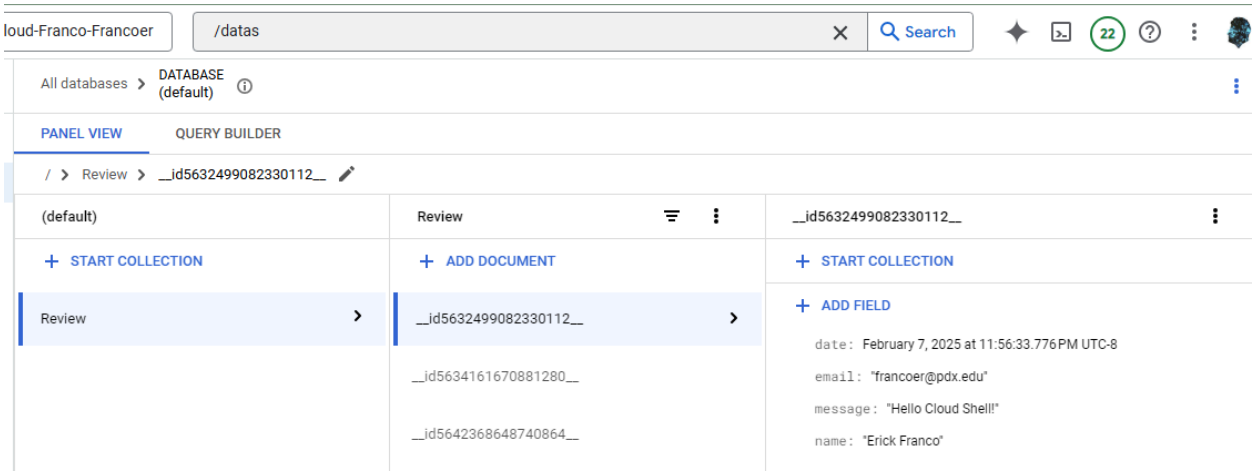
Erick Franco <francoer@pdx.edu>
signed on 2025-02-08 07:56:33.776285+00:00
Hello Cloud Shell!

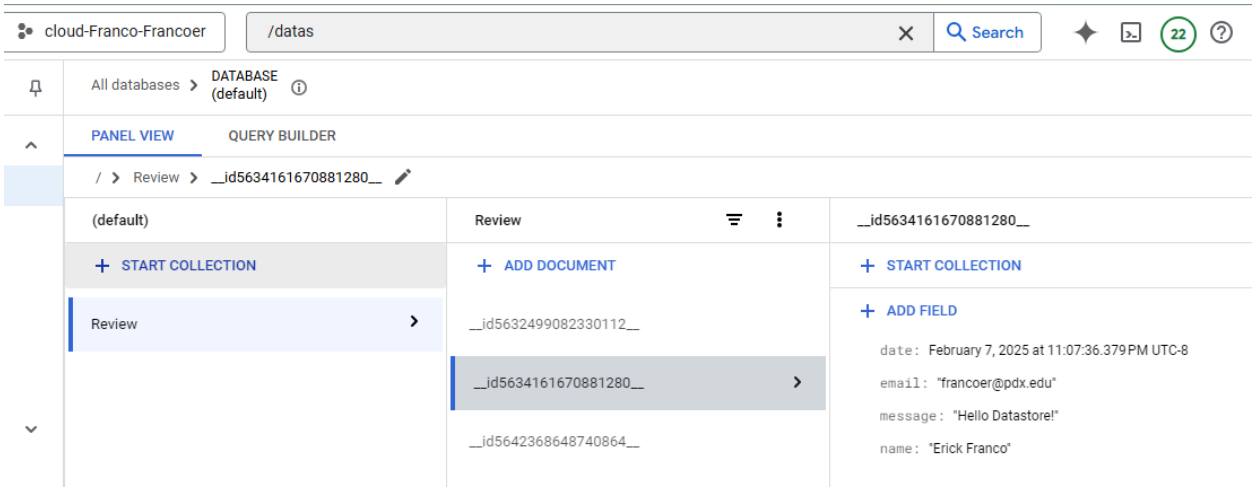
Erick Franco <francoer@pdx.edu>
signed on 2025-02-08 07:07:36.379017+00:00
Hello Datastore!

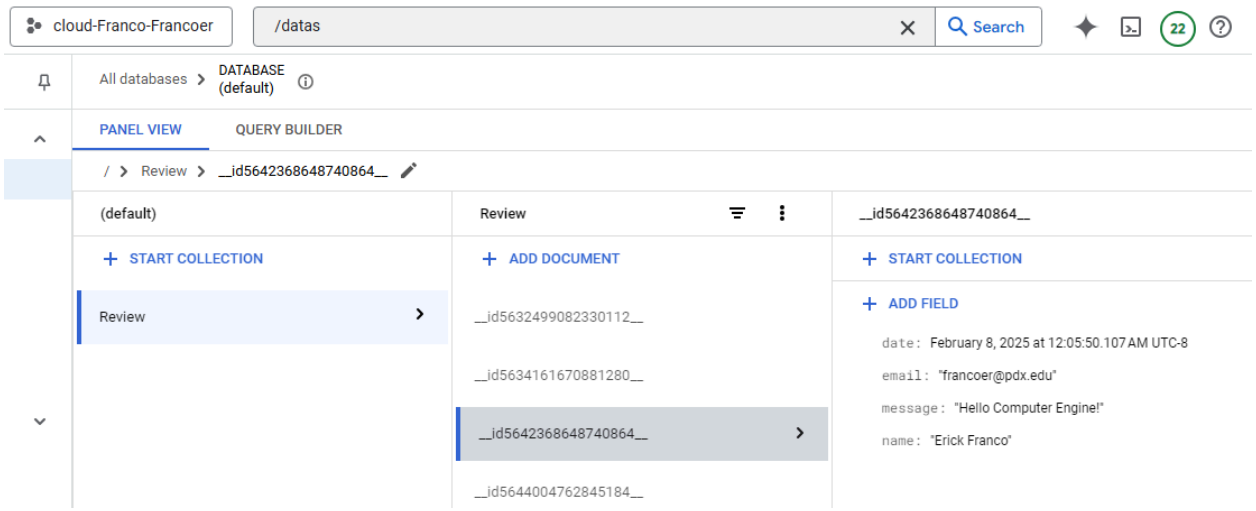
Erick Franco <francoer@pdx.edu>
signed on 2025-02-08 08:05:50.107646+00:00
Hello Computer Engine!

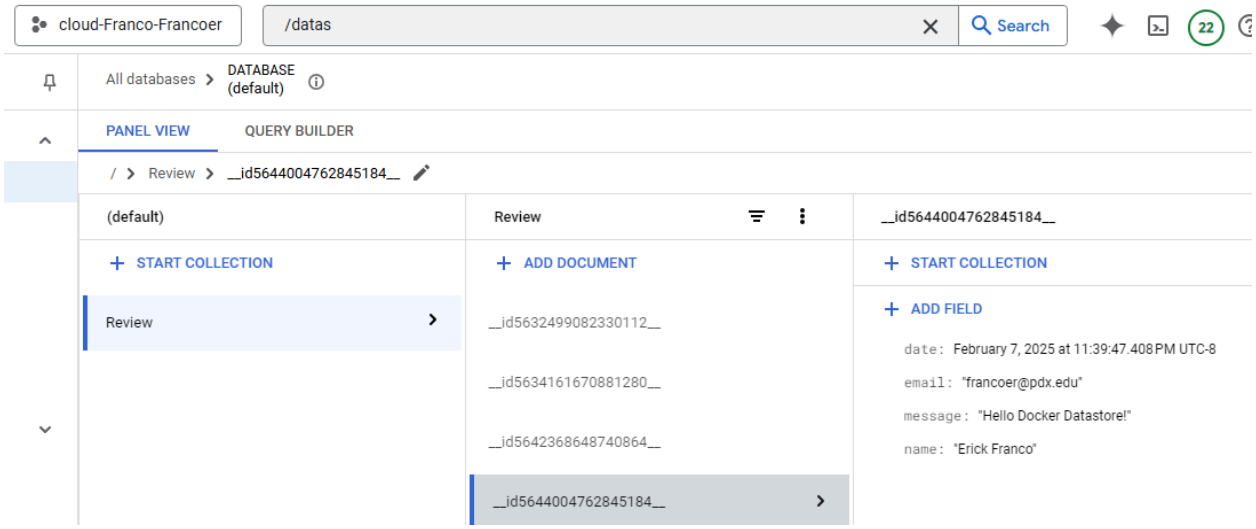
Erick Franco <francoer@pdx.edu>
signed on 2025-02-08 07:39:47.408752+00:00
Hello Docker Datastore!

Cloud-data 05.2g.16






cloud-Franco-Francoer
/datas
Search
22
All databases
DATABASE
(default)
PANEL VIEW
QUERY BUILDER
/ Review __id5642368648740864__
(default)
Review
__id5642368648740864__
START COLLECTION
ADD DOCUMENT
START COLLECTION
Review
__id5632499082330112__
__id5634161670881280__
__id5642368648740864__
__id5644004762845184__
ADD FIELD
date: February 8, 2025 at 12:05:50.107 AM UTC-8
email: "francoer@pdx.edu"
message: "Hello Computer Engine!"
name: "Erick Franco"


cloud-Franco-Francoer
/datas
Search
22
All databases
DATABASE
(default)
PANEL VIEW
QUERY BUILDER
/ Review __id5644004762845184__
(default)
Review
__id5644004762845184__
START COLLECTION
ADD DOCUMENT
START COLLECTION
Review
__id5632499082330112__
__id5634161670881280__
__id5642368648740864__
__id5644004762845184__
ADD FIELD
date: February 7, 2025 at 11:39:47.408 PM UTC-8
email: "francoer@pdx.edu"
message: "Hello Docker Datastore!"
name: "Erick Franco"