

Firestore

All databases > Database (default) ⓘ

Database

Firestore Studio

Security

Indexes

Import/Export

Disaster Recovery

Time-to-live (TTL)

Insights

Usage

Query insights

Monitoring

Key Visualizer

Release Notes

Panel view **Query builder**

Limit * 100 ⚡

Selection WHERE Field sender Operator == Value type string Value userA ⚡

Selection WHERE Field receiver Operator == Value type string Value userB ⚡

Add to query ↴

Results Analysis

Query results

Document ID	message	receiver	sender	timestamp
Bld2rHlYwgwyqD4kSiRH	"Hello"	"userB"	"userA"	December 22, 2025 at 12:51:57 PM UTC+5:30

Rows per page: 50 ▾ 1 - 1 of 1 < >

Panel view

Query builder

Run

Clear

Documentation

Query scope
Collection Collection *
/chatsLimit *
100 Selection
ORDER BY Field
timestamp Order
ascending

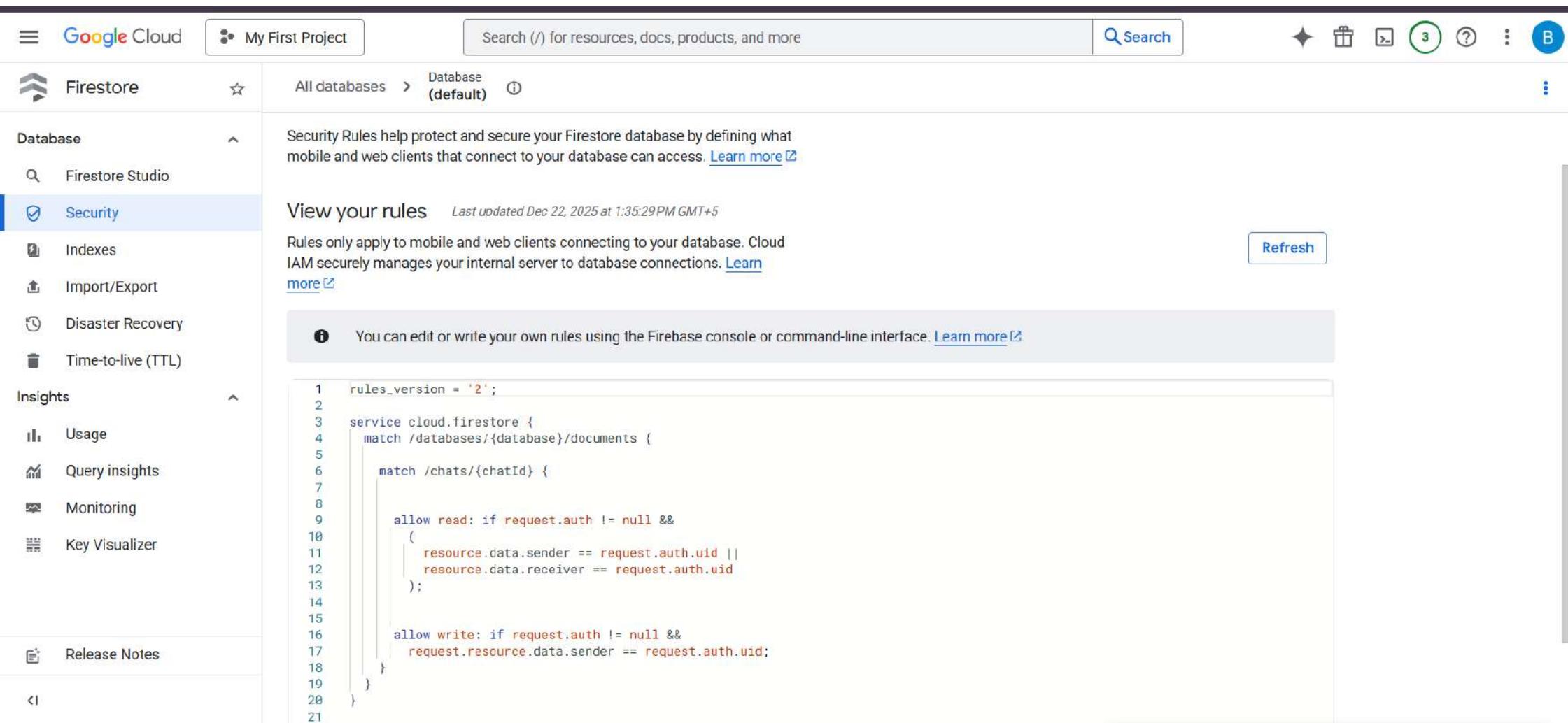
Document ID	message	receiver	sender	timestamp
3NVa1pwsGdGTGdlseqsE	"Welcome to GCP"	"userC"	"userD"	December 22, 2025 at 12:51:57 PM UTC+5:30
3klqynbi8lZ1fZZxB5Z4	"Working on Project"	"userC"	"userB"	December 22, 2025 at 12:51:57 PM UTC+5:30
4WJK6P10VsS1lSONCcAB	"Good Morning"	"userA"	"userB"	December 22, 2025 at 12:51:57 PM UTC+5:30
8kn39TNme26rDkHmxBnf	"Keep it up"	"userD"	"userB"	December 22, 2025 at 12:51:57 PM UTC+5:30
8uOJURlt1dL0317tn9Qh	"I will send "	"userA"	"userC"	December 22, 2025 at 12:51:57 PM UTC+5:30
Bld2rHlYwgwyqD4kSiRH	"Hello"	"userB"	"userA"	December 22, 2025 at 12:51:57 PM UTC+5:30
Ctx0SEXVKsymRS56tRNf	"Nice"	"userB"	"userC"	December 22, 2025 at 12:51:57 PM UTC+5:30
LIVHtlgrSoGgcnSzyemO	"Welcome to Azure"	"userE"	"userD"	December 22, 2025 at 12:51:57 PM UTC+5:30
M2vweTKcwnVFE0VwegiP	"Welcome to AWS"	"userD"	"userE"	December 22, 2025 at 12:51:57 PM UTC+5:30
wCE2RBpRAR8QXGvoFVV	"Welcome to Python"	"userF"	"userE"	December 22, 2025 at 12:51:57 PM UTC+5:30

The screenshot shows the Firebase Database Rules editor interface. On the left, there's a sidebar with project management sections like Project Overview, Build, Run, Analytics, and AI. Below that are development tools like Firebase Studio and Blaze/Pay as you go options. The main area has tabs for Data, Rules (which is selected), Indexes, Disaster Recovery, Usage, and Extensions. A prominent button at the top right says "Ask Gemini about the core concepts to use Firestore". The central part of the screen displays a timeline of rule changes:

- Today • 1:34 PM: rules_version = '2';
- Today • 1:16 PM: service cloud.firestore { match /databases/{database}/documents { }
- Today • 12:49 PM: match /chats/{chatId} { allow read: if request.auth != null && (resource.data.sender == request.auth.uid || resource.data.receiver == request.auth.uid); allow write: if request.auth != null && request.resource.data.sender == request.auth.uid; }

On the far right, there's a "Develop & Test" button and a vertical toolbar with icons for Cloud Functions, Cloud Storage, and Cloud ML.

```
1 rules_version = '2';
2
3 service cloud.firestore {
4     match /databases/{database}/documents {
5
6         match /chats/{chatId} {
7
8             allow read: if request.auth != null &&
9                 (
10                     resource.data.sender == request.auth.uid ||
11                     resource.data.receiver == request.auth.uid
12                 );
13
14             allow write: if request.auth != null &&
15                 request.resource.data.sender == request.auth.uid;
16         }
17     }
18 }
19
20
21 }
```



cloudshell X +

```
Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI.  
To set your Cloud Platform project in this session use `gcloud config set project [PROJECT_ID]`.  
You can view your projects by running `gcloud projects list`.  
bhanuprasadbathula@cloudshell:~$ curl -X GET \  
"https://firestore.googleapis.com/v1/projects/proven-record-481104-g3/databases/ (default) /documents/chats"  
{  
  "error": {  
    "code": 403,  
    "message": "Missing or insufficient permissions.",  
    "status": "PERMISSION_DENIED"  
  }  
}  
bhanuprasadbathula@cloudshell:~$ []
```