

Supa Update May 2024

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Supabase Update — May 2024

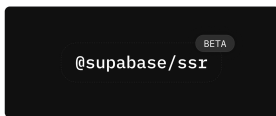
Hey ScratchX98 🍌

Supabase underwent Consolidation Month™ to focus on initiatives that improve the stability, scalability, and security of our products. We also have exciting product announcements that we can't wait to share. Let's dive in!

Consolidation Month™

We kicked off Consolidation Month (no it's not actually trademarked) during the month of May. During this time, every product team within Supabase addressed outstanding performance and stability issues of existing features. Here's a small subset of initiatives and product announcements as part of Consolidation Month.

Auth Launches @supabase/ssr for Better SSR Framework Support



The newly released @supabase/ssr package improves cookie management, developer experience, and handling of edge cases in various SSR and CSR contexts. We've added extensive testing to prevent issues that users experienced with the @supabase/auth-helpers package.

[Announcement](#)

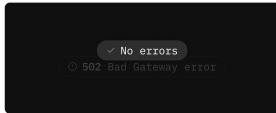
pgvector v0.7.0 Release Features Significant Performance Improvements



pgvector v0.7.0 introduced float16 vectors that further improve HNSW build times by 30% while reducing shared memory and disk space by 50% when both index and underlying table use 16-bit float. The latest version also adds sparse and bit vectors as well as L1, Hamming, and Jaccard distance functions.

[Announcement](#)

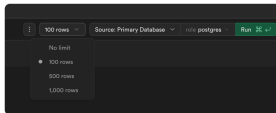
Edge Functions Improves Memory Handling



The Edge Functions team has significantly reduced the error rate for functions encountering memory issues by implementing better safeguards. This has greatly minimized errors with the 502 status code. Additionally, status code limits are now documented separately.

[Status Codes](#) | [Limits](#)

Dashboard Supports Bigger Workloads as Projects Grow



The Supabase Dashboard is now better equipped to handle your projects, regardless of their size. We have implemented sensible defaults for the amount of data rendered and returned in the Table and SQL Editors to prevent browser performance issues while maintaining a snappy user experience.

[Announcement](#)

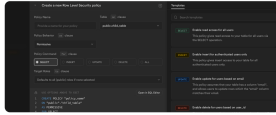
Realtime Standardizes Error Codes

Code	Description	Action
RealtimeChannelNotConfigured	The configuration provided to Realtime is invalid or does not match the provided channel configuration.	Verify your configuration.
RealtimeChannelFull	The server you are trying to connect to is full.	Verify the server you are connecting to is not full.
RealtimeConnectingTimeout	Error when trying to connect to the Realtime service.	Verify your internet connection.
RealtimeServiceUnavailable	The Realtime service is currently unavailable.	Verify your internet connection.

Realtime now emits standardized error codes, providing descriptions of their meanings and suggested actions. This enhancement improves your error-handling code and helps to narrow down whether the issue lies with the database, Realtime service, or client error.

[Realtime Error Codes](#)

RLS AI Assistant v2



We've improved the prompt and output of our RLS AI Assistant by including best practices found in our RLS docs and upgrading to OpenAI's newest GPT-4o. We've also introduced numerous test scenarios to make sure you're getting the right security and performance recommendations by comparing parsed SQL with the help of `pg_query`.

[Pull Request](#)

Quick product announcements

- [Functions] JSR modules are supported in Edge Functions & Edge Runtime [\[Announcement\]](#)
- [Functions] Debug Edge Functions with Chrome DevTools [\[Docs\]](#)
- [Functions] Use HonoJS web Framework with Edge Functions [\[Docs\]](#)
- [Analytics] Log Drains is in Private Alpha [\[Announcement\]](#)
- [Realtime] Realtime Authorization Early Access [\[Announcement\]](#)
- [Docs] SQL to PostgREST API Translator [\[Docs\]](#)
- [Client libs] Supabase JavaScript SDK Sentry Integration now supports Sentry SDK v8 [\[Commit\]](#)

Made with Supabase

- GroupUp - organize social gatherings to hang out with friends [\[Website\]](#)
- HabitKit - track habits, view daily progress, and stay motivated as you work towards your goals [\[Website\]](#)
- Meteron AI - LLM and generative AI metering, load-balancing and storage [\[Website\]](#)
- EQMonitor - An app that displays and notifies earthquake information in Japan [\[Website\]](#)
- GitAuto - AI software engineer that writes, reads, and creates pull requests [\[Website\]](#)
- GenPPT - Free AI powerpoint presentation generator to help you create beautiful slides in minutes [\[Website\]](#)

Community highlights



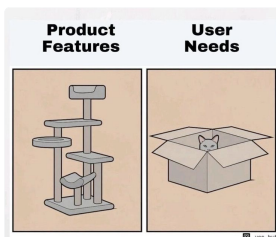
- Make your queries 43,240x faster [\[Video\]](#)
- Exploring Support Tooling at Supabase: A Dive into SLA Buddy [\[Article\]](#)
- FlutterFlow SuperApp Complex Template : Developing Feed with Supabase [\[Video\]](#)
- How We Use Supabase in Betashares Direct [\[Video\]](#)
- AI Assistant to Chat with Supabase Database [\[Video\]](#)
- How to use wrappers in Supabase [\[Video\]](#)
- Build Realtime Apps with Next.js and Supabase [\[Video\]](#)
- SvelteKit & Supabase Project Build [\[Video\]](#)
- Next.js 14 x Supabase — Build a Team component using shadcn [\[Article\]](#)
- Create a Real Time Chat App with Supabase and Angular [\[Article\]](#)

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