Changes beginning with Hypna v2025.11

Hypna is continuing to expand at an impressive rate. Unfortunately, this is causing some growing pains with regards to storing binary files and performance dips when accessing sessions with large amounts of data.

To combat this, unfortunately, some restrictions need to be put into place to allow Hypna to continue to be usable by all.

Predictive Session Estimations

Currently in Hypna, BST session durations are estimated using a Monte Carlo simulation analysis that does 1-15 simulations taking the most frequent conclusion as the official duration estimation.

Currently the cap on BST session loops is 9999, at which point the system will only do one iterative analysis for duration. For sessions with 1000+ line repetitions, the system begins to chug especially when operating multiple sims at once, so beginning with 2025.11, sessions with 1000-5000 repetitions will receive only one iteration, and sessions with 5000+ repetitions will follow a modified calculation of MST duration calculation to reduce load on the system.

Image Cold Storage

Starting at v2025.8.4, images are now stored on cold storage if the session they are attached to is not opened in 30 days. This saves storage on the main storage system, at the expense of pulling images out of cold storage when needed. However, when pulling sessions with greater than 50 images, there can be issues with hanging due to the long process that unarchiving takes.

As a result, sessions with 50+ images will not be moved out of cold storage on request, instead will only be moved out at a monthly check of activity. This will result in some older sessions having slower image load times, but it should improve stability.

Image Preloading

Starting in v2025.8, images preload for sessions with images to better enhance user experience. This is causing some shockingly heavy load on the image server at some periods, which can and has resulted in images not loading ever, or crashing the object server entirely.

As such, in v2025.11 sessions with 100+ images will no longer preload. This may be changed or the limit increased in Monthly Support Tiers.

Image Sizes and Formats

Beginning in v2025.11, all images past and present will be converted to WEBP for better use of storage space and for optimizing image serving. There should not be any issues with this conversion, but it should be noted.

Image Amounts Per Session

One of the things that makes hypno spirals so encapsulating is the randomness factor that spiral projects bring. While I respect that people want to have variety in their sessions, as I am also among that crowd, it's causing a massive load on my systems both from a storage perspective and a processing perspective.

With that said, beginning in 2025.11, sessions will only be allowed to have a maximum of 100 images per session, with a total limit per project of 1,500. (Effectively, 15 sessions of 100 images each)

That being said, I do understand that people who use Hypna often will want to have the ability to upload more, so for those who use Hypna often I will also be adding some additional incentives to the tiers:

Monthly Reward Tier	Images per Session
No Tier (Free)	100
Supporter ($5/mo)	200
Expanded ($10/mo)	500
New Overkill ($35/mo)	1000, +50GB Stash Space
Trade Ya! ($50/mo)	Unlimited

For sessions that are already over cap. Your current images will remain where they are up to 1000 images. Any more will be culled to free up storage space. This will be the norm going forward, even if you unsubscribe from Hypna's monthly support tiers.

Please understand: The reason I am doing this is because I want to continue to allow these tools to be available to everyone. Because this is hosted entirely on my hardware, on my network, with my own software, so I need to be sure I can continue operating Hypna effectively.

if you are not interested in supporting monthly please be on the lookout! **In the coming months, a desktop version of Hypna will be released that will not have any of these restrictions.**

Thank you in advance for understanding, if you have any feedback or questions, positive or negative, please drop them to me at https://hypna.space/feedback/

I will be posting a followup FAQ with any questions that arise and their answers.

Thank you once again for supporting Hypna.

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