



2026.01.01



31 min read

Immich Photos on S3 object storage

BORG

CLOUD

IMMICH

NIXOS

S3QL

As someone who loves going for adventures abroad, the [memories](#) I've captured behind the lens have become extremely valuable to me. I've learned to appreciate that I can still cherish those memories many years later, regardless of whether the source was a DSLR, a smartphone, or a GoPro. The feelings these precious memories rekindle are priceless; as a tech person, it's only reasonable to seek out a 'safe haven' for them.



Snap from a 2020 mid-summer hike in Torres Del Paine, Chile 🇨🇱

Contents

Immich

Storage

S3QL file system

Backups

S3 bucket replication

PostgreSQL backups

Borg backups

Systemd notifications

Google Photos migration

Disaster recovery

Restoring from S3 replica

Restoring from Borg backups

Final thoughts