



Web



Deployment



WEB > GUIDES > PSPDFKIT SERVER > DEPLOYMENT

Efficient backup strategies for Document Engine



PSPDFKit Server has been deprecated and replaced by [Document Engine](#). To migrate to Document Engine and unlock advanced document processing capabilities, refer to our [migration guide](#). Learn more about these enhancements on our [blog](#).

Before you deploy PSPDFKit Server in a production environment, you should set up a backup strategy with scheduled automated backups and a tested disaster recovery plan.

PSPDFKit Server uses PostgreSQL as a data store, while binary assets including PDFs are stored in a Docker volume. You need to make backups of both.

PostgreSQL

The easiest way to take a snapshot of your PostgreSQL database is to run `pg_dump` inside the PSPDFKit container and redirect the dump to a file you can back up using your existing backup infrastructure.

Using the recommended `docker-compose.yml` configuration, you can dump a snapshot to the `pspdfkit_db_dump.sql` file:

```
docker-compose run --rm pspdfkit pg_dump > pspdfkit_db_dump.sql
```



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You can then restore the dump into a fresh PostgreSQL container:

```
1 docker-compose run --rm pspdfkit pg_isready --timeout=15 # Wait until PostgreSQL is ready
2 docker-compose run --rm pspdfkit psql < pspdfkit_db_dump.sql
```



Assets

Built-in storage

When you use the built-in storage option, all assets are backed up with the [PostgreSQL backup](#).

S3

Using the S3-compatible backend means you need a separate backup routine, but you should consider that:

- ⌘ As PSPDFKit Server stores files by their SHA checksums, most of the time, a daily, incremental backup will suffice.
- ⌘ You should schedule the asset storage backup right after the PostgreSQL database backup to prevent data from drifting between the two.

Large installations

While these approaches are easy to set up and automate via cron or something similar, for larger installations we recommend using a log-shipping backup product, like [Barman](#) or [WAL-E](#) for PostgreSQL and [BorgBackup](#) or [duplicity](#) for the asset volume.

Was this helpful?

✓ YES

✗ NO

