



Web



Configuration



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Cache configuration



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](#).

PSPDFKit Server uses two different kinds of caches to improve performance and reduce the load on the asset backend.

Built-in caches

- ⌘ When PSPDFKit Server needs to access a PDF file via the [asset storage backend](#), the document is cached on the local file system to speed up future access. You can configure the size of the cache using the `ASSET_STORAGE_CACHE_SIZE` variable.
- ⌘ When a PSPDFKit for Web client requests a document, PSPDFKit Server renders the individual pages and provides them to the client. These pages are cached in memory to speed up future rendering.

Since both caches only work for a single PSPDFKit Server node and are not shared across multiple PSPDFKit Server nodes, you can use Redis to enable a shared cache.

Redis cache



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PSPDFKit Server 2018.2 introduced the possibility of using Redis as a shared cache for rendered pages. This allows multiple PSPDFKit Server nodes to share their work, since only one has to render a document and others will be able to access the cached results. Be aware that this only works with PSPDFKit for Web.

Check out the [configuration overview](#) for more information on how to configure PSPDFKit Server to use Redis as an additional cache.

Note that you also have to manage and configure Redis. Examples of doing this include setting the memory limit and setting an eviction policy. We recommend the `allkeys-lru` eviction policy for most use cases. Check out [Using Redis as an LRU Cache](#) for more information.

When moving from a trial to a production license, we also recommend deleting all cached data, as this will prevent trial overlays from showing up in production.

PSPDFKit Server is compatible with any Redis version newer than 2.2.0.

PSPDFKit Server only supports single-node Redis deployments and Redis Sentinel deployments. PSPDFKit Server cannot be configured to use multi-cluster Redis setups directly.

Prerendering

Refer to the documentation on the [prerendering endpoint](#) to find out how you can render and cache documents in advance to speed up the loading of your documents even more.

Was this helpful?

☒ YES

☐ NO

Questions? [Contact us](#)

