



Web



Choose a Page



WEB > GUIDES

Advanced Configuration Options

This page lists the advanced configuration options that can be used to finetune Server's behavior. Make sure to reach out to us on [support](#) before changing any of the defaults.

Advanced properties aren't guaranteed to be stable across releases. Check the documentation before upgrading if you use any of the advanced customization options.

- ✧ `USE_REDIS_CACHE_FOR_PAGES` (bool, default: `true`) — if set to `true` and the Redis cache is enabled, the Server caches rendered pages in Redis
- ✧ `USE_REDIS_CACHE_FOR_TILES` (bool, default: `true`) — if set to `true` and the Redis cache is enabled, the Server caches rendered tiles in Redis
- ✧ `USE_REDIS_CACHE_FOR_COMMANDS` (bool, default: `true`) — if set to `true` and the Redis cache is enabled, the Server caches PDF metadata like the document outline and form elements in Redis
- ✧ `REDIS_POOL_SIZE` (int, default: `16`) — with Redis cache enabled, the number of Redis workers available
- ✧ `CONNECTION_INACTIVITY_TIMEOUT_MS` (int, default: `3600000` - 1 hour) — the timeout before the Instant connection is closed
- ✧ `MAX_PSPDFKIT_WORKER_LOCAL_CACHE_SIZE_BYTES` (int, default: `100000000` - 95MB) — the maximum size of the PDF metadata and rendered tiles cache
- ✧ `MAX_ASSET_STORAGE_POSTGRES_SIZE_BYTES` (int, default: `1073741824` - 1GB) — the maximum allowed size of the asset stored in the Postgres asset storage
- ✧ `MAX_ASSET_DELETION_ERRORS_UNTIL_LOGGED` (int, default: `100`) — the number of the async asset cleanup failures caused by overload before the error is logged



ASK AI

- ❖ `ASSET_STORAGE_CACHE_MINIMUM_FREE_PERCENTAGE` (int, default: `30`) — the minimum portion of the asset storage cache freed during a single purge operation
 - ❖ `ASSET_STORAGE_CACHE_TIMEOUT` (int, default: `5000`) — the timeout to fetch and cache the asset from the asset storage, in milliseconds
 - ❖ `ASSET_STORAGE_S3_WORKER_POOL_SIZE` (int, default: `15`) — the number of workers fetching and saving assets from S3
 - ❖ `HTTP_ACCEPTOR_POOL_SIZE` (int, default: `100`) — the number of sockets accepting incoming HTTP requests
 - ❖ `MAX_HEADER_VALUE_LENGTH` (int, default: `8192 # 8kB`) — the maximum allowed length of header values in incoming HTTP requests, in bytes
 - ❖ `MAX_INSTANT_PAYLOAD_SIZE_BYTES` (int, default: `1048576` - 1MB) — the maximum allowed size of the Instant request
 - ❖ `PSPDFKIT_WORKER_POOL_SIZE` (int, default: `16`) — the number of PDF processing threads
 - ❖ `PSPDFKIT_WORKER_RECYCLE_THRESHOLD` (int, default: `1000`) — the number of operations before a PDF processing thread is restarted
 - ❖ `PSPDFKIT_BROKER_CLIENT_QUEUE_TIMEOUT` (int, default: `5000`) — the timeout for any PDF processing operation
 - ❖ `MAX_PSPDFKIT_BROKER_CLIENT_QUEUE_SIZE` (int, default: `128`) — the maximum size of the PDF processing operations queue
 - ❖ `ALLOWED_TILE_SCALES` (comma separated int or `all`, default: `1,2,4,6,8,12,16`) — the list of tile scales that can be requested by the client
 - ❖ `MINIMIZE_INFORMATION_DISCLOSURE` (bool, default: `false`) — when `true`, this instructs Server to avoid disclosing details about its own technical implementation; for example, it removes the `Server` header from every HTTP response
 - ❖ `CERTIFICATE_STORES_PATHS` (string) — if set, this overrides the file system location where Server searches for digital signature certificates
-

Was this helpful?

✓ YES

✗ NO

