

# blob delete

```
$ kopia blob delete <blobIDs>
```

Delete blobs by ID

**Argument**   **Help**

blobIDs   Blob IDs

# blob gc

```
$ kopia blob gc
```

Garbage-collect unused blobs

Flag	Short Default	Help
--delete		Whether to delete unused blobs
--parallel	16	Number of parallel blob scans
--prefix		Only GC blobs with given prefix
--safety	full	Safety level

# blob list

```
$ kopia blob list
```

## List BLOBs

Flag	Short	Default	Help
--[no-]data-only		false	Only list data blobs
--exclude-prefix			Blob ID prefixes to exclude
--[no-]json		false	Output result in JSON format to stdout
--max-size			Maximum size
--min-size			Minimum size
--prefix			Blob ID prefix
--[no-]json-indent		false	[ADV] Output result in indented JSON format to stdout
--[no-]json-verbose		false	[ADV] Output non-essential data (e.g. statistics) in JSON format

# blob shards modify

```
$ kopia blob shards modify \
  --i-am-sure-kopia-is-not-running=... \
  --path=...
```

Perform low-level resharding of blob storage

Flag	Short Default	Help
--default-shards		Default specification 'n1,..nN' or 'flat')
--[no-]dry-run	false	Dry run
--[no-]i-am-sure-kopia-is-not-running	false	Confirm that no other instance of kopia is running
--override		Override specification 'prefix=n1,..nN')
--path		Sharded directory path
--remove-override		Override specification 'prefix=n1,..nN')
--unsharded-length		Minimum sharded length

# blob show

```
$ kopia blob show <blobID>
```

Show contents of BLOBs

Flag	Short	Default	Help
--[no-]decrypt		false	Decrypt blob if possible
Argument		Help	
blobID		Blob IDs	

# blob stats

```
$ kopia blob stats
```

Blob statistics

Flag	Short	Default	Help
--prefix			Blob name prefix
--[no-]raw	-r	false	Raw numbers

# cache clear

```
$ kopia cache clear
```

Clears the cache

Flag	Short	Default	Help
--partial			Specifies the cache to clear

# cache info

```
$ kopia cache info
```

Displays cache information and statistics

Flag	Short	Default	Help
--[no-]path		false	Only display cache path



# cache prefetch

```
$ kopia cache prefetch <object>
```

Prefetches the provided objects into cache

Flag	Short	Default	Help
--hint			Prefetch hint
Argument		Help	
object			Object ID to prefetch

# cache set

```
$ kopia cache set
```

Sets parameters local caching of repository data

Flag	Short Default	Help
--cache-directory		Directory where to store cache files
--content-cache-size-limit-mb		Maximum size of local content cache (hard limit)
--content-cache-size-mb		Desired size of local content cache (soft limit)
--content-min-sweep-age		Minimal age of content cache item to be subject to sweeping
--index-min-sweep-age		Minimal age of index cache item to be subject to sweeping
--max-list-cache-duration		Duration of index cache
--metadata-cache-size-limit-mb		Maximum size of local metadata cache (hard limit)
--metadata-cache-size-mb		Desired size of local metadata cache (soft limit)
--metadata-min-sweep-age		Minimal age of metadata cache item to be subject to sweeping

# cache sync

```
$ kopia cache sync
```

Synchronizes the metadata cache with blobs in storage

Flag	Short	Default	Help
--parallel		16	Fetch parallelism

# content delete

```
$ kopia content delete <id>
```

Remove content

Argument	Help
id	IDs of content to remove

# content list

```
$ kopia content list
```

## List contents

Flag	Short	Default	Help
--[no-]compression	-c	false	Compression
--[no-]deleted		false	Include deleted content
--[no-]deleted-only		false	Only show deleted content
--[no-]human	-h	false	Human-readable output
--[no-]json		false	Output result in JSON format to stdout
--[no-]long	-l	false	Long output
--[no-]non-prefixed		false	Apply to content IDs without prefix
--prefix			Content ID prefix
--[no-]prefixed		false	Apply to content IDs with (any) prefix
--[no-]summary	-s	false	Summarize the list
--[no-]json-indent		false	[ADV] Output result in indented JSON format to stdout
--[no-]json-verbose		false	[ADV] Output non-essential data (e.g. statistics) in JSON format

# content rewrite

```
$ kopia content rewrite [contentID]
```

Rewrite content using most recent format

Flag	Short	Default	Help
--[no-]dry-run	-n	false	Do not actually rewrite, only print what would happen
--format-version		-1	Rewrite contents using the provided format version
--[no-]non-prefixed		false	Apply to content IDs without prefix
--pack-prefix			Only rewrite contents from pack blobs with a given prefix
--parallelism		16	Number of parallel workers
--prefix			Content ID prefix
--[no-]prefixed		false	Apply to content IDs with (any) prefix
--safety		full	Safety level
--[no-]short		false	Rewrite contents from short packs

Argument	Help
contentID	Identifiers of contents to rewrite

# content show

```
$ kopia content show <id>
```

Show contents by ID.

Flag	Short	Default	Help
--[no-]json	-j	false	Pretty-print JSON content
--[no-]unzip	-z	false	Transparently decompress the content
Argument		Help	
id		IDs of contents to show	

# content stats

```
$ kopia content stats
```

## Content statistics

Flag	Short	Default	Help
--[no-]non-prefixed		false	Apply to content IDs without prefix
--prefix			Content ID prefix
--[no-]prefixed		false	Apply to content IDs with (any) prefix
--[no-]raw	-r	false	Raw numbers



# content verify

```
$ kopia content verify
```

Verify that each content is backed by a valid blob

Flag	Short Default	Help
--download-percent		Download a percentage of files [0.0 .. 100.0]
--[no-]full	false	Full verification (including download)
--[no-]include-deleted	false	Include deleted contents
--[no-]non-prefixed	false	Apply to content IDs without prefix
--parallel	16	Parallelism
--prefix		Content ID prefix
--[no-]prefixed	false	Apply to content IDs with (any) prefix
--progress-interval	3s	Progress output interval

# index epoch list

```
$ kopia index epoch list
```

List the status of epochs.

# index inspect

```
$ kopia index inspect [blobs]
```

Inspect index blob

Flag	Short	Default	Help
--[no-]active		false	Inspect all active index blobs
--[no-]all		false	Inspect all index blobs in the repository, including inactive
--content-id			Inspect all active index blobs
--parallel		8	Parallelism
Argument		Help	
blobs		Names of index blobs to inspect	

# index list

```
$ kopia index list
```

List content indexes

Flag	Short Default	Help
--[no-]json	false	Output result in JSON format to stdout
--sort	time	Index blob sort order
--[no-]summary	false	Display index blob summary
--[no-]superseded	false	Include inactive index files superseded by compaction
--[no-]json-indent	false	[ADV] Output result in indented JSON format to stdout
--[no-]json-verbose	false	[ADV] Output non-essential data (e.g. statistics) in JSON format

# index optimize

```
$ kopia index optimize
```

Optimize indexes blobs.

Flag	Short	Default	Help
--[no-]all		false	Optimize all indexes, even those above maximum size.
--drop-contents			Drop contents with given IDs
--drop-deleted-older-than			Drop deleted contents above given age
--max-small-blobs		1	Maximum number of small index blobs that can be left after compaction.

# index recover

```
$ kopia index recover
```

Recover indexes from pack blobs

Flag	Short	Default	Help
--blob-prefixes			Prefixes of pack blobs to recover from (default=all packs)
--blobs			Names of pack blobs to recover from (default=all packs)
--[no-]commit	false		Commit recovered content
--[no-]delete-indexes	false		Delete all indexes before recovering
--[no-]ignore-errors	false		Ignore errors when recovering
--parallel	1		Recover parallelism

# logs cleanup

```
$ kopia logs cleanup
```

Clean up logs

Flag	Short Default	Help
--[no-]dry-run	false	Do not delete
--max-age	720h	Maximal age
--max-count	10000	Maximal number of files to keep
--max-total-size-mb	1024	Maximal total size in MiB

# logs list

```
$ kopia logs list
```

List logs.

Flag	Short	Default	Help
--[no-]all		false	Show all logs
--latest	-n		Include last N logs, by default the last one is shown
--older-than			Include logs older than X (e.g. '1h')
--younger-than			Include logs younger than X (e.g. '1h')



# logs show

```
$ kopia logs show [session-id]
```

Show contents of the log. When no flags or arguments are specified, only the last log is shown.

Flag	Short	Default	Help
--[no-]all		false	Show all logs
--latest	-n		Include last N logs, by default the last one is shown
--older-than			Include logs older than X (e.g. '1h')
--younger-than			Include logs younger than X (e.g. '1h')
Argument	Help		
session-id	Log Session ID to show		

# session list

```
$ kopia session list
```

List sessions

# manifest delete

```
$ kopia manifest delete <item>
```

Remove manifest items

Argument	Help
item	Items to remove

# manifest list

```
$ kopia manifest list
```

List manifest items

Flag	Short	Default	Help
--filter			List of key:value pairs
--[no-]json	false		Output result in JSON format to stdout
--sort			List of keys to sort by
--[no-]json-indent	false		[ADV] Output result in indented JSON format to stdout
--[no-]json-verbose	false		[ADV] Output non-essential data (e.g. statistics) in JSON format

# manifest show

```
$ kopia manifest show <item>
```

Show manifest items

Argument	Help
item	List of items

# maintenance info

```
$ kopia maintenance info
```

Display maintenance information

Flag	Short	Default	Help
--[no-]json	false		Output result in JSON format to stdout
--[no-]json-indent	false		[ADV] Output result in indented JSON format to stdout
--[no-]json-verbose	false		[ADV] Output non-essential data (e.g. statistics) in JSON format

# maintenance run

```
$ kopia maintenance run
```

Run repository maintenance

Flag	Short Default	Help
--[no-]full	false	Full maintenance
--safety	full	Safety level
--[no-]force	false	[ADV] Run maintenance even if not owned (unsafe)

# maintenance set

```
$ kopia maintenance set
```

Set maintenance parameters

Flag	Short Default	Help
--enable-full		Enable or disable full maintenance
--enable-quick		Enable or disable quick maintenance
--extend-object-locks		Extend retention period of locked objects as part of full maintenance.
--full-interval		Set full maintenance interval
--list-parallelism		Override list parallelism.
--max-retained-log-age		Set maximum age of log sessions to retain
--max-retained-log-count		Set maximum number of log sessions to retain
--max-retained-log-size-mb		Set maximum total size of log sessions
--owner		Set maintenance owner user@hostname
--pause-full		Pause full maintenance for a specified duration
--pause-quick		Pause quick maintenance for a specified duration
--quick-interval		Set quick maintenance interval



# repository upgrade begin

```
$ kopia repository upgrade begin
```

Begin upgrade.

Flag	Short Default	Help
--io-drain-timeout	15m0s	Max time it should take all other Kopia clients to drop repository connections
--max-permitted-clock-drift	5m0s	The maximum drift between repository and client clocks
--status-poll-interval	60s	An advisory polling interval to check for the status of upgrade
--[no-]allow-unsafe-upgrade	false	[ADV] Force using an unsafe io-drain-timeout for the upgrade lock
--commit-mode		[ADV] Change behavior of commit. When not set, commit on validation success. 'always': always commit. 'never': always exit before commit.
--[no-]lock-only	false	[ADV] Advertise the upgrade lock and exit without actually performing the drain or upgrade

# repository upgrade rollback

```
$ kopia repository upgrade rollback
```

Rollback the repository upgrade.

Flag	Short	Default	Help
--[no-]force		false	Force rollback the repository upgrade, this action can cause repository corruption

# repository upgrade validate

```
$ kopia repository upgrade validate
```

Validate the upgraded indexes.