

# S3 Manifester binary

s3\_manifester is a tool that provides ability to index all files in a specific S3 bucket.

## Options

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running s3\_manifester with `-h` switch provides the following usage information:

```
$ ./s3_manifester -h
Usage of ./s3_manifester:
  -akid string
        AWS Access Key
  -bucket string
        Bucket Name to list objects from. REQUIRED
  -creds string
        Credentials Profile to use (default "default")
  -csv string
        Create CSV log with full output (default "no")
  -file string
        Save output to file instead of displaying on the screen (default "yes")
  -region string
        Region to connect to. (default "us-east-1")
  -search string
        Search string to find in object paths
  -seckey string
        AWS Secret Access Key
```

- `-bucket` - the name of the bucket to be scanned. This information is required, and is the only required option besides credentials
- `-region` - specifies AWS region that bucket is located in. Defaults to `us-east-1` unless specified on command line
- `-file` - by default Manifester will create a log file with the list of all files in the bucket. If wanted, this option can be specified as `no` and Manifester will display output on the screen instead
- `-search` - provides ability to search the index and only display entries containing search string in its path

- `-csv` - an option to output more information in csv format (to screen or to file with .csv extension) with patch, size, and etag for each object

## Credentials

Manifester uses default shared credentials, usually configured if you have AWS CLI installed and used, [as listed here](#).

Shared Credentials file can also be manually created by following [these instructions](#)

If you do have shared credentials file Manifester will default to use `"default"` profile. However, if you have more than one profile you can specify which one to use with `-creds` option on the command line

If, however, you do not have shared credentials file, you can specify API credentials on the command line using options `-akid` for Access Key and `-secKey` for Secret Access Key.

## Examples

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Following are some examples of `s3_manifester` usage:

- create index file for bucket "Bucket-Name" in your default account

```
$ ./s3_manifester -bucket Bucket-Name
```

- create index file for bucket "Client-Bucket" in client's account

```
$ ./s3_manifester -bucket Client-Bucket -creds ClientProfile
```

- Display list of files that have ".pdf" in their name, on the screen, for bucket "Some-Bucket" in second client's account

```
$ ./s3_manifester -bucket Some-Bucket -creds SecondClient -file no -search .pdf
```

- create index file of Third-Bucket for new customer

```
$ ./s3_manifester -bucket Third-Bucket -akid My_Access_Key -secKey My_Secret_Access_Key
```

