

# MongoDB Backup & Restore - 1-Page Cheatsheet

## ■ Backup (Dump) - Full DB or All DBs

All DBs:

```
mongodump --uri="mongodb+srv://<user>:<pass>@cluster0.xxxxx.mongodb.net/"  
--out=/path/to/backup
```

Single DB:

```
mongodump --uri="mongodb+srv://<user>:<pass>@cluster0.xxxxx.mongodb.net/myDB"  
--out=/path/to/backup
```

## ■ Restore

Basic restore:

```
mongorestore --uri="mongodb+srv://<user>:<pass>@cluster0.xxxxx.mongodb.net"  
/path/to/backup
```

Exact restore (replace existing):

```
mongorestore --uri="mongodb+srv://<user>:<pass>@cluster0.xxxxx.mongodb.net" --drop  
/path/to/backup
```

## ■ Single Collection

Dump:

```
mongodump --uri="..." --db myDB --collection myColl --out=/path/to/backup
```

Restore:

```
mongorestore --uri="..." --db myDB --collection myColl  
/path/to/backup/myDB/myColl.bson --drop
```

## ■ Compressed Archive (one file)

Dump (gzip archive):

```
mongodump --uri=".../myDB" --archive | gzip > myDB-$(date +%F_%H-%M).archive.gz
```

Restore from archive:

```
gunzip -c myDB-YYYY-MM-DD_HH-MM.archive.gz | mongorestore --uri="..." --archive  
--drop
```

## ■ Tips

More: `mongodump --help` | `mongorestore --help`

- Whitelist your IP in Atlas before connecting.
- Use `--drop` carefully (erases existing collections before restore).
- For large datasets, run from an EC2 in the same region as Atlas.