

Docker backup & restore

- Reference link - <https://bobcares.com/blog/docker-backup/2/>

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How to restore Docker containers

```
docker load -i backup.tar
```

backup.tar name of backup container file name

To backup Docker data volumes

first check docker volume ls

```
docker inspect -f '{{ .Mounts }}' 2bcfbeb21853
```

2bcfbeb21853 - container id

Output ->

```
[{volume 90c1ef308199093e9b9e5806b53abe15c73dee416951cd9b41445a10fd828965
/var/lib/docker/volumes/90c1ef308199093e9b9e5806b53abe15c73dee416951cd9b41445a10fd828
965/_data /data/configdb local true } {volume
2f779c0db084b3cbedfa3a97e15e7bf703a9445afe30d31bdd25b3153064f631
/var/lib/docker/volumes/2f779c0db084b3cbedfa3a97e15e7bf703a9445afe30d31bdd25b3153064f6
31/_data /data/db local true }]
```

```
docker run --rm --volumes-from mongodb -v $(pwd):/backup e43a2492d00f tar cvf
/backup/mongodb.tar /data/db
```

How to restore Docker data volumes

To restore a container using the backup of data volumes taken, first create a new container by providing data volume and container names:

```
docker run -p 27017:27017 --name mongodb e43a2492d00f
```

e43a2492d00f = image-id

```
docker run -p 27017:27017 --rm --volumes-from mongodb -v $(pwd):/backup e43a2492d00f tar xvf /backup/mongodb.tar
```

```
docker restart mongodb
```

mongodb = name of stop container