

# Docker container backup

```
[root@dev adhamdockers]# docker network create backup-network --subnet 10.2.0.0/16 36807a01949fca4cefdc7545c3cb69a4b27459dc866de30eec99f6098e805e2b
```

```
[root@dev adhamdockers]#
```

```
[root@dev adhamdockers]# docker network ls
```

| NETWORK ID   | NAME                 | DRIVER | SCOPE |
|--------------|----------------------|--------|-------|
| 8dd79ab608e3 | adham-network        | bridge | local |
| a545cb6526c6 | adhamdockers_default | bridge | local |
| 36807a01949f | backup-network       | bridge | local |
| 3b001e904d3d | bridge               | bridge | local |
| 9c06fce353be | centos-network       | bridge | local |
| db2383aa7042 | host                 | host   | local |
| 2770798d40a7 | none                 | null   | local |

```
[root@dev adhamdockers]# docker run -it -d --name container-main --network backup-network -v /adhamdockers:/data centos  
f85eaac228ba973a4365b5636008e247ce9bb23d171b7fbee4e8f7f577b8dbb4
```

```
[root@dev adhamdockers]# docker exec -it container-main sh -c "echo 'hello i am main data from main container' > /data/file.txt"  
[root@dev adhamdockers]#
```

```
[root@dev adhamdockers]# docker exec -it container-main bash
```

```
[root@f85eaac228ba /]# cd /data
```

```
[root@f85eaac228ba data]# ls
```

|             |         |                    |           |            |               |                 |
|-------------|---------|--------------------|-----------|------------|---------------|-----------------|
| Dockerfile  | app.py  | docker-compose.yml | final-bkp | index.html | nodeapp.js    | storage4website |
| Dockerfile2 | backend | file.tar           | frontend  | main.go    | save_perm_dir | storage4website |
| Main.java   | docker  | file.txt           | host.txt  | main.java  | storage-bind  |                 |

```
[root@f85eaac228ba data]# cat file.txt
```

```
hello i am main data from main container
```

```
[root@f85eaac228ba data]#
```

```
[root@f85eaac228ba data]# ip a
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
```

```
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
```

```
inet 127.0.0.1/8 scope host lo
```

```
valid_lft forever preferred_lft forever
```

```
inet6 ::1/128 scope host
```

```
valid_lft forever preferred_lft forever
```

```
72: eth0@if73: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default
```

```
link/ether 02:42:0a:00:00:00 brd ff:ff:ff:ff:ff:ff link-netnsid 0
```

```
inet 10.2.0.1/16 brd 10.2.0.255 scope global eth0
```

```
valid_lft forever preferred_lft forever
```

Activate Windows

```
[root@dev adhamdockers]#  
[root@dev adhamdockers]# docker run -it -d --name container-backup -v /adhamdockers:/data2 -v /adhamdockers/f  
inal-bkp:/backup centos  
e4bfb8098c4b47d38be010a5e4446c038fac264540c28c03f1a4ec91c235d828  
[root@dev adhamdockers]# docker exec -it container-backup sh -c "tar -czPf /backup/file.tar.gz /data2"  
[root@dev adhamdockers]#  
[root@dev adhamdockers]# docker exec -it container-backup bash  
[root@e4bfb8098c4b /]# cd backup  
[root@e4bfb8098c4b backup]# ls  
file.tar.gz  
[root@e4bfb8098c4b backup]#
```

```
[root@dev adhamdockers]# cd /adhamdockers/final-bkp  
[root@dev final-bkp]# ls  
file.tar.gz  
[root@dev final-bkp]# █
```