

Step 1

Using the appropriate Docker command, create a storage volume for use by your containers, call the volume 'test-volume'

```
$ docker volume create test-volume
```

Step 2

Display all the Docker storage volumes that exist on your local tsystem

```
$ docker volume ls
```

DRIVER	VOLUME NAME
local	test-volume

Step 3

Execute the Docker command that will allow you to display all the attributes of that newly created 'test-volume'

```
$ docker volume inspect test-volume
```

```
[
  {
    "CreatedAt": "2017-10-18T19:31:42Z",
    "Driver": "local",
    "Labels": {},
    "Mountpoint": "/var/lib/docker/volumes/test-volume/_data",
    "Name": "test-volume",
    "Options": {},
    "Scope": "local"
  }
]
```

Step 4

Display the location on the host file system where that 'test-volume' exists and note the permissions

```
$ sudo ls -al /var/lib/docker/volumes/test-volume/_data
```

```
[sudo] password for user:
```

total 0

```
drwxr-xr-x. 2 root root 6 Oct 18 19:31 .
```

```
drwxr-xr-x. 3 root root 18 Oct 18 19:31 ..
```

```
$ sudo ls -al /var/lib/docker/volumes/test-volume/
```

total 0

```
drwxr-xr-x. 3 root root 18 Oct 18 19:31 .
```

```
drwx-----. 3 root root 42 Oct 18 19:31 ..
```

```
drwxr-xr-x. 2 root root 6 Oct 18 19:31 _data
```

Step 5

Remove the newly created 'test-volume' and then run the command to verify that the volume has been deleted

```
$ docker volume rm test-volume
```

test-volume

\$ docker volume ls

DRIVER	VOLUME NAME
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