

Module-2: Image Management and Registry

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DEMO-1: Docker Exec

Note: All commands are executed as root.

1. To execute commands inside an existing container's shell use the docker exec command

```
$ docker exec -it <containerID> bash
```

In this example we will update the image cache-> install vim-> create a new text file exit and then verify again by starting the container shell again

```
root@docker-1:/# docker exec -it 0bc115e63ae9 bash
root@0bc115e63ae9:/#
```

```
root@0bc115e63ae9:/# apt update
Hit:1 http://security.debian.org/debian-security buster/updates InRelease
Hit:2 http://deb.debian.org/debian buster InRelease
Hit:3 http://deb.debian.org/debian buster-updates InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
```

```
root@0bc115e63ae9:/# apt install vim -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
```

```
root@0bc115e63ae9:/# vi newfile
```

```
hi docker
```

Now exit the container using Ctrl+d or by typing exit

The Container's content can be verified again by getting inside the shell and running a LS command

```
root@0bc115e63ae9:/# ls
bin      dev      docker-entrypoint.sh  home  lib64  mnt      opt      root  sbin  sys  usr
boot    docker-entrypoint.d  etc      lib   media  newfile  proc     run   srv   tmp  var
```