**CRIU – Live Migration on Linux platform**

The process can be frozen in time by creating the checkpoint and then the container can be migrated to another node. And, the previous state can be restored. This process is known as CRIU (i.e., Checkpoint and Restore In User-space).

The following commands are executed to successfully fulfil live migration:

1. Check and install CRIU

apt-cache search criu

apt-get install criu

1. Start a simple webserver

python server.py 8000

1. Process id (PID) of the webserver

ps aux | grep filename

1. Checkpoint the webserver process

dump -t 32601 --shell-job

1. Migrating webserver to another machine

scp -r <dump\_dir>/ <IP address>:

1. Restoring the process

sudo criu restore --shell-job

Therefore, the images will be copied to the target machine.