Recap:-

We talked about docker last friday

We installed it on a machine

Pull, push

Changed a running container

Commit the image to the local repository

Push images to docker hub

Todays Agenda:

Look at how docker networking works

Docker volume (block storage)

Writing docker files.

Starting my desktop

Assignment from now onwards would be the class handson part

Whatsapp/Google Drive/Slack

Starting the dokcer VM on my windows home machine

Ssh to the vm

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# docker run -ti -d ubuntu

Unable to find image 'ubuntu:latest' locally

latest: Pulling from library/ubuntu

aafe6b5e13de: Already exists

0a2b43a72660: Already exists

18bdd1e546d2: Already exists

8198342c3e05: Already exists

f56970a44fd4: Already exists

Digest: sha256:f3a61450ae43896c4332bda5e78b453f4a93179045f20c8181043b26b5e79028

Status: Downloaded newer image for ubuntu:latest

88f1a710dd654271e1bcaeac72d36c4cb173c3a39aba9348977cd231f0724b60

root@docker-server:~# root@docker-server:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

88f1a710dd65 ubuntu "/bin/bash" About a minute ago Up About a minute suspicious\_allen

root@docker-server:~# docker inspect 88f1a710dd65

[

{

"Id": "88f1a710dd654271e1bcaeac72d36c4cb173c3a39aba9348977cd231f0724b60",

"Created": "2017-05-15T15:21:04.889192251Z",

"Path": "/bin/bash",

"Args": [],

"State": {

"Status": "running",

"Running": true,

"Paused": false,

"Restarting": false,

"OOMKilled": false,

"Dead": false,

"Pid": 1814,

"ExitCode": 0,

"Error": "",

"StartedAt": "2017-05-15T15:21:05.522685032Z",

"FinishedAt": "0001-01-01T00:00:00Z"

},

"Image": "sha256:f7b3f317ec734a73deca91b34c2b1e3dd7454650da9c8ef3047d29a873865178",

"ResolvConfPath": "/var/lib/docker/containers/88f1a710dd654271e1bcaeac72d36c4cb173c3a39aba9348977cd231f0724b60/resolv.conf",

"HostnamePath": "/var/lib/docker/containers/88f1a710dd654271e1bcaeac72d36c4cb173c3a39aba9348977cd231f0724b60/hostname",

"HostsPath": "/var/lib/docker/containers/88f1a710dd654271e1bcaeac72d36c4cb173c3a39aba9348977cd231f0724b60/hosts",

"LogPath": "/var/lib/docker/containers/88f1a710dd654271e1bcaeac72d36c4cb173c3a39aba9348977cd231f0724b60/88f1a710dd654271e1bcaeac72d36c4cb173c3a39aba9348977cd231f0724b60-json.log",

"Name": "/suspicious\_allen",

"RestartCount": 0,

"Driver": "aufs",

"MountLabel": "",

"ProcessLabel": "",

"AppArmorProfile": "",

"ExecIDs": null,

"HostConfig": {

"Binds": null,

"ContainerIDFile": "",

"LogConfig": {

"Type": "json-file",

"Config": {}

},

"NetworkMode": "default",

"PortBindings": {},

"RestartPolicy": {

"Name": "no",

"MaximumRetryCount": 0

},

"AutoRemove": false,

"VolumeDriver": "",

"VolumesFrom": null,

"CapAdd": null,

"CapDrop": null,

"Dns": [],

"DnsOptions": [],

"DnsSearch": [],

"ExtraHosts": null,

"GroupAdd": null,

"IpcMode": "",

"Cgroup": "",

"Links": null,

"OomScoreAdj": 0,

"PidMode": "",

"Privileged": false,

"PublishAllPorts": false,

"ReadonlyRootfs": false,

"SecurityOpt": null,

"UTSMode": "",

"UsernsMode": "",

"ShmSize": 67108864,

"Runtime": "runc",

"ConsoleSize": [

0,

0

],

"Isolation": "",

"CpuShares": 0,

"Memory": 0,

"NanoCpus": 0,

"CgroupParent": "",

"BlkioWeight": 0,

"BlkioWeightDevice": null,

"BlkioDeviceReadBps": null,

"BlkioDeviceWriteBps": null,

"BlkioDeviceReadIOps": null,

"BlkioDeviceWriteIOps": null,

"CpuPeriod": 0,

"CpuQuota": 0,

"CpuRealtimePeriod": 0,

"CpuRealtimeRuntime": 0,

"CpusetCpus": "",

"CpusetMems": "",

"Devices": [],

"DiskQuota": 0,

"KernelMemory": 0,

"MemoryReservation": 0,

"MemorySwap": 0,

"MemorySwappiness": -1,

"OomKillDisable": false,

"PidsLimit": 0,

"Ulimits": null,

"CpuCount": 0,

"CpuPercent": 0,

"IOMaximumIOps": 0,

"IOMaximumBandwidth": 0

},

"GraphDriver": {

"Name": "aufs",

"Data": null

},

"Mounts": [],

"Config": {

"Hostname": "88f1a710dd65",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"Tty": true,

"OpenStdin": true,

"StdinOnce": false,

"Env": [

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin"

],

"Cmd": [

"/bin/bash"

],

"ArgsEscaped": true,

"Image": "ubuntu",

"Volumes": null,

"WorkingDir": "",

"Entrypoint": null,

"OnBuild": null,

"Labels": {}

},

"NetworkSettings": {

"Bridge": "",

"SandboxID": "e5c436caaf4db0b033f886a128b060c9af1a95f4e1a9a1d521278537e70f269f",

"HairpinMode": false,

"LinkLocalIPv6Address": "",

"LinkLocalIPv6PrefixLen": 0,

"Ports": {},

"SandboxKey": "/var/run/docker/netns/e5c436caaf4d",

"SecondaryIPAddresses": null,

"SecondaryIPv6Addresses": null,

"EndpointID": "7c6a98086a430b7bb05e6c7b308e9682528325af1b2388f0644b6690fef8d968",

"Gateway": "172.17.0.1",

"GlobalIPv6Address": "",

"GlobalIPv6PrefixLen": 0,

"IPAddress": "172.17.0.2",

"IPPrefixLen": 16,

"IPv6Gateway": "",

"MacAddress": "02:42:ac:11:00:02",

"Networks": {

"bridge": {

"IPAMConfig": null,

"Links": null,

"Aliases": null,

"NetworkID": "0b3f75e2a2f81fdc9c80549dcbf6a634dff829bfc9fafa99320ea3a506e8b202",

"EndpointID": "7c6a98086a430b7bb05e6c7b308e9682528325af1b2388f0644b6690fef8d968",

"Gateway": "172.17.0.1",

"IPAddress": "172.17.0.2",

"IPPrefixLen": 16,

"IPv6Gateway": "",

"GlobalIPv6Address": "",

"GlobalIPv6PrefixLen": 0,

"MacAddress": "02:42:ac:11:00:02"

}

}

}

}

]

root@docker-server:~#

**root@docker-server:~# docker run -d --name=nginx-edureka -P nginx:latest**

Unable to find image 'nginx:latest' locally

latest: Pulling from library/nginx

ff3d52d8f55f: Pull complete

b05436c68d6a: Pull complete

961dd3f5d836: Pull complete

Digest: sha256:12d30ce421ad530494d588f87b2328ddc3cae666e77ea1ae5ac3a6661e52cde6

Status: Downloaded newer image for nginx:latest

ff43c5c0d103d653581047469d474a457cb1a88771727007f808c38e46f8c753

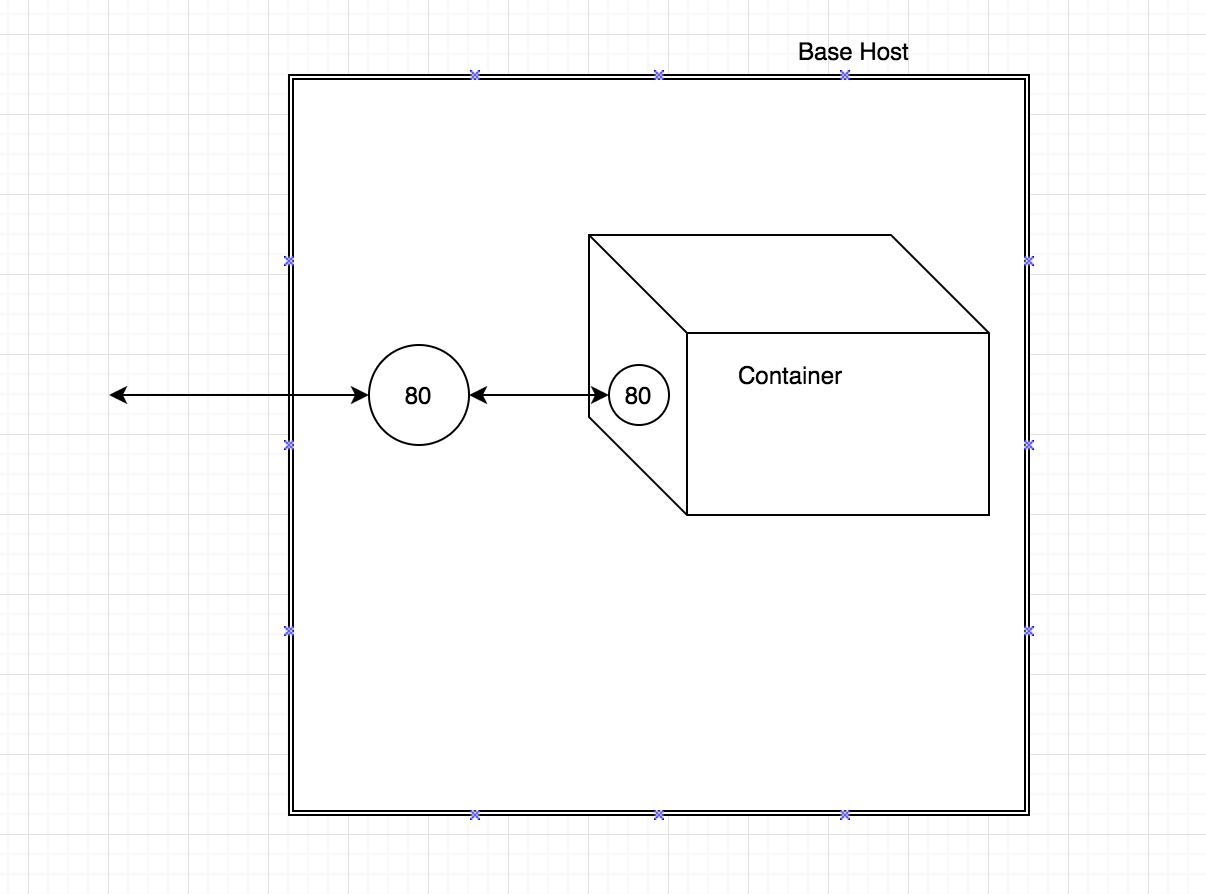
root@docker-server:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

ff43c5c0d103 nginx:latest "nginx -g 'daemon ..." 10 seconds ago Up 9 seconds 0.0.0.0:32768->80/tcp nginx-edureka

88f1a710dd65 ubuntu "/bin/bash" 7 minutes ago Up 7 minutes suspicious\_allen

root@docker-server:~#



Binding port:-

Specifically mention a port to expose

docker port nginx-edureka $CONTAINERPORT

root@docker-server:~# docker port nginx-edureka $CONTAINERPORT

80/tcp -> 0.0.0.0:32768

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# docker rm $(docker ps -aq)

Error response from daemon: You cannot remove a running container ff43c5c0d103d653581047469d474a457cb1a88771727007f808c38e46f8c753. Stop the container before attempting removal or use -f

Error response from daemon: You cannot remove a running container 88f1a710dd654271e1bcaeac72d36c4cb173c3a39aba9348977cd231f0724b60. Stop the container before attempting removal or use -f

root@docker-server:~# docker rm -f $(docker ps -aq)

ff43c5c0d103

88f1a710dd65

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# docker rmi -f 250a3a5e3969 3448f27c273f f7b3f317ec73

Error response from daemon: No such image: 250a3a5e3969:latest

Error response from daemon: No such image: 3448f27c273f:latest

Error response from daemon: No such image: f7b3f317ec73:latest

root@docker-server:~# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

root@docker-server:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

root@docker-server:~#

root@docker-server:~# docker rm -f $(docker ps -aq)

7c694a05bac3

root@docker-server:~# docker rmi -f 250a3a5e3969 3448f27c273f f7b3f317ec73

Untagged: nginx:latest

Untagged: nginx@sha256:12d30ce421ad530494d588f87b2328ddc3cae666e77ea1ae5ac3a6661e52cde6

Deleted: sha256:3448f27c273f3122fc554d7acf33796efb4df2ad9886efc092c3bfe716e897b7

Deleted: sha256:8c9de914a431b97e5df6e45ca5032d28d90e01e56e4824edd654e1311f0b9fae

Deleted: sha256:28f6824ebf777f77931a2e27dadc3d092a62f78b5d28851542135411981b2f99

Deleted: sha256:8781ec54ba04ce83ebcdb5d0bf0b2bb643e1234a1c6c8bec65e8d4b20e58a90d

Untagged: ubuntu:latest

Untagged: ubuntu@sha256:f3a61450ae43896c4332bda5e78b453f4a93179045f20c8181043b26b5e79028

Deleted: sha256:f7b3f317ec734a73deca91b34c2b1e3dd7454650da9c8ef3047d29a873865178

Deleted: sha256:50843cc9df1b9107b6237864e176655cddcc7de5d2e36397d92664a710f3c005

Deleted: sha256:f64dfe8786f00e8f509cf9a17a6bd83c4845676b07e4a7464120a5f159c84ed8

Deleted: sha256:89349cd9bbed8a1c00d313f483f69a48f23faf7fb5002a09e09d09180753903e

Deleted: sha256:765fae05dec85dbcd61456c55b832ca13c450aaf7ff45e9d70b5183a5157fee9

Deleted: sha256:9d3227c1793b7494e598caafd0a5013900e17dcdf1d7bdd31d39c82be04fcf28

Error response from daemon: No such image: 250a3a5e3969:latest

root@docker-server:~#

root@docker-server:~# docker run -ti -d ubuntu

Unable to find image 'ubuntu:latest' locally

latest: Pulling from library/ubuntu

aafe6b5e13de: Pulling fs layer

0a2b43a72660: Pulling fs layer

18bdd1e546d2: Pulling fs layer

aafe6b5e13de: Downloading [===============> ] 14.73 MB/46.79 MB

aafe6b5e13de: Pull complete

0a2b43a72660: Pull complete

18bdd1e546d2: Pull complete

8198342c3e05: Pull complete

f56970a44fd4: Pull complete

Digest: sha256:f3a61450ae43896c4332bda5e78b453f4a93179045f20c8181043b26b5e79028

Status: Downloaded newer image for ubuntu:latest

22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

22174def586d ubuntu "/bin/bash" 14 seconds ago Up 13 seconds boring\_payne

root@docker-server:~# docker inspect 22174def586d

[

{

"Id": "22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b",

"Created": "2017-05-15T15:39:49.744286548Z",

"Path": "/bin/bash",

"Args": [],

"State": {

"Status": "running",

"Running": true,

"Paused": false,

"Restarting": false,

"OOMKilled": false,

"Dead": false,

"Pid": 3140,

"ExitCode": 0,

"Error": "",

"StartedAt": "2017-05-15T15:39:49.99951314Z",

"FinishedAt": "0001-01-01T00:00:00Z"

},

"Image": "sha256:f7b3f317ec734a73deca91b34c2b1e3dd7454650da9c8ef3047d29a873865178",

"ResolvConfPath": "/var/lib/docker/containers/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b/resolv.conf",

"HostnamePath": "/var/lib/docker/containers/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b/hostname",

"HostsPath": "/var/lib/docker/containers/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b/hosts",

"LogPath": "/var/lib/docker/containers/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b-json.log",

"Name": "/boring\_payne",

"RestartCount": 0,

"Driver": "aufs",

"MountLabel": "",

"ProcessLabel": "",

"AppArmorProfile": "",

"ExecIDs": null,

"HostConfig": {

"Binds": null,

"ContainerIDFile": "",

"LogConfig": {

"Type": "json-file",

"Config": {}

},

"NetworkMode": "default",

"PortBindings": {},

"RestartPolicy": {

"Name": "no",

"MaximumRetryCount": 0

},

"AutoRemove": false,

"VolumeDriver": "",

"VolumesFrom": null,

"CapAdd": null,

"CapDrop": null,

"Dns": [],

"DnsOptions": [],

"DnsSearch": [],

"ExtraHosts": null,

"GroupAdd": null,

"IpcMode": "",

"Cgroup": "",

"Links": null,

"OomScoreAdj": 0,

"PidMode": "",

"Privileged": false,

"PublishAllPorts": false,

"ReadonlyRootfs": false,

"SecurityOpt": null,

"UTSMode": "",

"UsernsMode": "",

"ShmSize": 67108864,

"Runtime": "runc",

"ConsoleSize": [

0,

0

],

"Isolation": "",

"CpuShares": 0,

"Memory": 0,

"NanoCpus": 0,

"CgroupParent": "",

"BlkioWeight": 0,

"BlkioWeightDevice": null,

"BlkioDeviceReadBps": null,

"BlkioDeviceWriteBps": null,

"BlkioDeviceReadIOps": null,

"BlkioDeviceWriteIOps": null,

"CpuPeriod": 0,

"CpuQuota": 0,

"CpuRealtimePeriod": 0,

"CpuRealtimeRuntime": 0,

"CpusetCpus": "",

"CpusetMems": "",

"Devices": [],

"DiskQuota": 0,

"KernelMemory": 0,

"MemoryReservation": 0,

"MemorySwap": 0,

"MemorySwappiness": -1,

"OomKillDisable": false,

"PidsLimit": 0,

"Ulimits": null,

"CpuCount": 0,

"CpuPercent": 0,

"IOMaximumIOps": 0,

"IOMaximumBandwidth": 0

},

"GraphDriver": {

"Name": "aufs",

"Data": null

},

"Mounts": [],

"Config": {

"Hostname": "22174def586d",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"Tty": true,

"OpenStdin": true,

"StdinOnce": false,

"Env": [

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin"

],

"Cmd": [

"/bin/bash"

],

"ArgsEscaped": true,

"Image": "ubuntu",

"Volumes": null,

"WorkingDir": "",

"Entrypoint": null,

"OnBuild": null,

"Labels": {}

},

"NetworkSettings": {

"Bridge": "",

"SandboxID": "cb4ea90d4fc7e1838e6de9d2b1461b3c33f81250f2d17d671dbfdf59fa41e6c1",

"HairpinMode": false,

"LinkLocalIPv6Address": "",

"LinkLocalIPv6PrefixLen": 0,

"Ports": {},

"SandboxKey": "/var/run/docker/netns/cb4ea90d4fc7",

"SecondaryIPAddresses": null,

"SecondaryIPv6Addresses": null,

"EndpointID": "de027211f0744d45dacfbc5628bcf8945b7758a7e3414a9988d845938027701a",

"Gateway": "172.17.0.1",

"GlobalIPv6Address": "",

"GlobalIPv6PrefixLen": 0,

"IPAddress": "172.17.0.2",

"IPPrefixLen": 16,

"IPv6Gateway": "",

"MacAddress": "02:42:ac:11:00:02",

"Networks": {

"bridge": {

"IPAMConfig": null,

"Links": null,

"Aliases": null,

"NetworkID": "0b3f75e2a2f81fdc9c80549dcbf6a634dff829bfc9fafa99320ea3a506e8b202",

"EndpointID": "de027211f0744d45dacfbc5628bcf8945b7758a7e3414a9988d845938027701a",

"Gateway": "172.17.0.1",

"IPAddress": "172.17.0.2",

"IPPrefixLen": 16,

"IPv6Gateway": "",

"GlobalIPv6Address": "",

"GlobalIPv6PrefixLen": 0,

"MacAddress": "02:42:ac:11:00:02"

}

}

}

}

]

root@docker-server:~# ping 22174def586d

ping: unknown host 22174def586d

root@docker-server:~# 22174def586d^C

root@docker-server:~# ping 172.17.0.2

PING 172.17.0.2 (172.17.0.2) 56(84) bytes of data.

64 bytes from 172.17.0.2: icmp\_seq=1 ttl=64 time=0.263 ms

64 bytes from 172.17.0.2: icmp\_seq=2 ttl=64 time=0.082 ms

64 bytes from 172.17.0.2: icmp\_seq=3 ttl=64 time=0.081 ms

64 bytes from 172.17.0.2: icmp\_seq=4 ttl=64 time=0.081 ms

64 bytes from 172.17.0.2: icmp\_seq=5 ttl=64 time=0.082 ms

64 bytes from 172.17.0.2: icmp\_seq=6 ttl=64 time=0.081 ms

--- 172.17.0.2 ping statistics ---

6 packets transmitted, 6 received, 0% packet loss, time 4999ms

rtt min/avg/max/mdev = 0.081/0.111/0.263/0.068 ms

root@docker-server:~# ^C

root@docker-server:~# docker attach 22174def586d

root@22174def586d:/#

root@22174def586d:/#

root@22174def586d:/#

root@22174def586d:/#

root@22174def586d:/#

root@22174def586d:/# apt-get update -y

Get:1 http://security.ubuntu.com/ubuntu xenial-security InRelease [102 kB]

Get:2 http://archive.ubuntu.com/ubuntu xenial InRelease [247 kB]

Get:3 http://security.ubuntu.com/ubuntu xenial-security/universe Sources [30.3 kB]

Get:4 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [323 kB]

Get:5 http://archive.ubuntu.com/ubuntu xenial-updates InRelease [102 kB]

Get:6 http://archive.ubuntu.com/ubuntu xenial-backports InRelease [102 kB]

Get:7 http://security.ubuntu.com/ubuntu xenial-security/restricted amd64 Packages [12.8 kB]

Get:8 http://security.ubuntu.com/ubuntu xenial-security/universe amd64 Packages [137 kB]

Get:9 http://security.ubuntu.com/ubuntu xenial-security/multiverse amd64 Packages [2932 B]

Get:10 http://archive.ubuntu.com/ubuntu xenial/universe Sources [9802 kB]

Get:11 http://archive.ubuntu.com/ubuntu xenial/main amd64 Packages [1558 kB]

Get:12 http://archive.ubuntu.com/ubuntu xenial/restricted amd64 Packages [14.1 kB]

Get:13 http://archive.ubuntu.com/ubuntu xenial/universe amd64 Packages [9827 kB]

Get:14 http://archive.ubuntu.com/ubuntu xenial/multiverse amd64 Packages [176 kB]

Get:15 http://archive.ubuntu.com/ubuntu xenial-updates/universe Sources [190 kB]

Get:16 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 Packages [677 kB]

Get:17 http://archive.ubuntu.com/ubuntu xenial-updates/restricted amd64 Packages [13.2 kB]

Get:18 http://archive.ubuntu.com/ubuntu xenial-updates/universe amd64 Packages [585 kB]

Get:19 http://archive.ubuntu.com/ubuntu xenial-updates/multiverse amd64 Packages [9810 B]

Get:20 http://archive.ubuntu.com/ubuntu xenial-backports/main amd64 Packages [4927 B]

Get:21 http://archive.ubuntu.com/ubuntu xenial-backports/universe amd64 Packages [2567 B]

Fetched 23.9 MB in 10s (2253 kB/s)

Reading package lists... Done

root@22174def586d:/# apt-get install openssh-server -y

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following additional packages will be installed:

ca-certificates dh-python file krb5-locales libbsd0 libedit2 libexpat1 libgssapi-krb5-2 libidn11 libk5crypto3

libkeyutils1 libkrb5-3 libkrb5support0 libmagic1 libmpdec2 libpython3-stdlib libpython3.5-minimal

libpython3.5-stdlib libsqlite3-0 libssl1.0.0 libwrap0 libx11-6 libx11-data libxau6 libxcb1 libxdmcp6 libxext6

libxmuu1 mime-support ncurses-term openssh-client openssh-sftp-server openssl python3 python3-chardet

python3-minimal python3-pkg-resources python3-requests python3-six python3-urllib3 python3.5 python3.5-minimal

ssh-import-id tcpd wget xauth

Suggested packages:

libdpkg-perl krb5-doc krb5-user ssh-askpass libpam-ssh keychain monkeysphere rssh molly-guard ufw python3-doc

python3-tk python3-venv python3-setuptools python3-ndg-httpsclient python3-openssl python3-pyasn1

python3.5-venv python3.5-doc binutils binfmt-support

The following NEW packages will be installed:

ca-certificates dh-python file krb5-locales libbsd0 libedit2 libexpat1 libgssapi-krb5-2 libidn11 libk5crypto3

libkeyutils1 libkrb5-3 libkrb5support0 libmagic1 libmpdec2 libpython3-stdlib libpython3.5-minimal

libpython3.5-stdlib libsqlite3-0 libssl1.0.0 libwrap0 libx11-6 libx11-data libxau6 libxcb1 libxdmcp6 libxext6

libxmuu1 mime-support ncurses-term openssh-client openssh-server openssh-sftp-server openssl python3

python3-chardet python3-minimal python3-pkg-resources python3-requests python3-six python3-urllib3 python3.5

python3.5-minimal ssh-import-id tcpd wget xauth

0 upgraded, 47 newly installed, 0 to remove and 10 not upgraded.

Need to get 10.5 MB of archives.

After this operation, 55.1 MB of additional disk space will be used.

Get:1 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libssl1.0.0 amd64 1.0.2g-1ubuntu4.6 [1082 kB]

Get:2 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libpython3.5-minimal amd64 3.5.2-2ubuntu0~16.04.1 [526 kB]

Get:3 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libexpat1 amd64 2.1.0-7ubuntu0.16.04.2 [71.3 kB]

Get:4 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 python3.5-minimal amd64 3.5.2-2ubuntu0~16.04.1 [1597 kB]

Get:5 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-minimal amd64 3.5.1-3 [23.3 kB]

Get:6 http://archive.ubuntu.com/ubuntu xenial/main amd64 mime-support all 3.59ubuntu1 [31.0 kB]

Get:7 http://archive.ubuntu.com/ubuntu xenial/main amd64 libmpdec2 amd64 2.4.2-1 [82.6 kB]

Get:8 http://archive.ubuntu.com/ubuntu xenial/main amd64 libsqlite3-0 amd64 3.11.0-1ubuntu1 [396 kB]

Get:9 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libpython3.5-stdlib amd64 3.5.2-2ubuntu0~16.04.1 [2130 kB]

Get:10 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 python3.5 amd64 3.5.2-2ubuntu0~16.04.1 [165 kB]

Get:11 http://archive.ubuntu.com/ubuntu xenial/main amd64 libpython3-stdlib amd64 3.5.1-3 [6818 B]

Get:12 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 dh-python all 2.20151103ubuntu1.1 [74.1 kB]

Get:13 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3 amd64 3.5.1-3 [8710 B]

Get:14 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxau6 amd64 1:1.0.8-1 [8376 B]

Get:15 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxdmcp6 amd64 1:1.1.2-1.1 [11.0 kB]

Get:16 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxcb1 amd64 1.11.1-1ubuntu1 [40.0 kB]

Get:17 http://archive.ubuntu.com/ubuntu xenial/main amd64 libx11-data all 2:1.6.3-1ubuntu2 [113 kB]

Get:18 http://archive.ubuntu.com/ubuntu xenial/main amd64 libx11-6 amd64 2:1.6.3-1ubuntu2 [571 kB]

Get:19 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxext6 amd64 2:1.3.3-1 [29.4 kB]

Get:20 http://archive.ubuntu.com/ubuntu xenial/main amd64 libwrap0 amd64 7.6.q-25 [46.2 kB]

Get:21 http://archive.ubuntu.com/ubuntu xenial/main amd64 libmagic1 amd64 1:5.25-2ubuntu1 [216 kB]

Get:22 http://archive.ubuntu.com/ubuntu xenial/main amd64 file amd64 1:5.25-2ubuntu1 [21.2 kB]

Get:23 http://archive.ubuntu.com/ubuntu xenial/main amd64 libbsd0 amd64 0.8.2-1 [41.7 kB]

Get:24 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libidn11 amd64 1.32-3ubuntu1.1 [45.6 kB]

Get:25 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 openssl amd64 1.0.2g-1ubuntu4.6 [492 kB]

Get:26 http://archive.ubuntu.com/ubuntu xenial/main amd64 ca-certificates all 20160104ubuntu1 [191 kB]

Get:27 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 krb5-locales all 1.13.2+dfsg-5ubuntu2 [13.2 kB]

Get:28 http://archive.ubuntu.com/ubuntu xenial/main amd64 libedit2 amd64 3.1-20150325-1ubuntu2 [76.5 kB]

Get:29 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libkrb5support0 amd64 1.13.2+dfsg-5ubuntu2 [30.8 kB]

Get:30 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libk5crypto3 amd64 1.13.2+dfsg-5ubuntu2 [81.2 kB]

Get:31 http://archive.ubuntu.com/ubuntu xenial/main amd64 libkeyutils1 amd64 1.5.9-8ubuntu1 [9904 B]

Get:32 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libkrb5-3 amd64 1.13.2+dfsg-5ubuntu2 [273 kB]

Get:33 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libgssapi-krb5-2 amd64 1.13.2+dfsg-5ubuntu2 [120 kB]

Get:34 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxmuu1 amd64 2:1.1.2-2 [9674 B]

Get:35 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 openssh-client amd64 1:7.2p2-4ubuntu2.2 [587 kB]

Get:36 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 wget amd64 1.17.1-1ubuntu1.2 [298 kB]

Get:37 http://archive.ubuntu.com/ubuntu xenial/main amd64 xauth amd64 1:1.0.9-1ubuntu2 [22.7 kB]

Get:38 http://archive.ubuntu.com/ubuntu xenial/main amd64 ncurses-term all 6.0+20160213-1ubuntu1 [249 kB]

Get:39 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 openssh-sftp-server amd64 1:7.2p2-4ubuntu2.2 [38.7 kB]

Get:40 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 openssh-server amd64 1:7.2p2-4ubuntu2.2 [338 kB]

Get:41 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-pkg-resources all 20.7.0-1 [79.0 kB]

Get:42 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-chardet all 2.3.0-2 [96.2 kB]

Get:43 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-six all 1.10.0-3 [11.0 kB]

Get:44 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 python3-urllib3 all 1.13.1-2ubuntu0.16.04.1 [57.3 kB]

Get:45 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-requests all 2.9.1-3 [55.4 kB]

Get:46 http://archive.ubuntu.com/ubuntu xenial/main amd64 tcpd amd64 7.6.q-25 [23.0 kB]

Get:47 http://archive.ubuntu.com/ubuntu xenial/main amd64 ssh-import-id all 5.5-0ubuntu1 [10.2 kB]

Fetched 10.5 MB in 3s (2869 kB/s)

debconf: delaying package configuration, since apt-utils is not installed

Selecting previously unselected package libssl1.0.0:amd64.

(Reading database ... 4764 files and directories currently installed.)

Preparing to unpack .../libssl1.0.0\_1.0.2g-1ubuntu4.6\_amd64.deb ...

Unpacking libssl1.0.0:amd64 (1.0.2g-1ubuntu4.6) ...

Selecting previously unselected package libpython3.5-minimal:amd64.

Preparing to unpack .../libpython3.5-minimal\_3.5.2-2ubuntu0~16.04.1\_amd64.deb ...

Unpacking libpython3.5-minimal:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Selecting previously unselected package libexpat1:amd64.

Preparing to unpack .../libexpat1\_2.1.0-7ubuntu0.16.04.2\_amd64.deb ...

Unpacking libexpat1:amd64 (2.1.0-7ubuntu0.16.04.2) ...

Selecting previously unselected package python3.5-minimal.

Preparing to unpack .../python3.5-minimal\_3.5.2-2ubuntu0~16.04.1\_amd64.deb ...

Unpacking python3.5-minimal (3.5.2-2ubuntu0~16.04.1) ...

Selecting previously unselected package python3-minimal.

Preparing to unpack .../python3-minimal\_3.5.1-3\_amd64.deb ...

Unpacking python3-minimal (3.5.1-3) ...

Selecting previously unselected package mime-support.

Preparing to unpack .../mime-support\_3.59ubuntu1\_all.deb ...

Unpacking mime-support (3.59ubuntu1) ...

Selecting previously unselected package libmpdec2:amd64.

Preparing to unpack .../libmpdec2\_2.4.2-1\_amd64.deb ...

Unpacking libmpdec2:amd64 (2.4.2-1) ...

Selecting previously unselected package libsqlite3-0:amd64.

Preparing to unpack .../libsqlite3-0\_3.11.0-1ubuntu1\_amd64.deb ...

Unpacking libsqlite3-0:amd64 (3.11.0-1ubuntu1) ...

Selecting previously unselected package libpython3.5-stdlib:amd64.

Preparing to unpack .../libpython3.5-stdlib\_3.5.2-2ubuntu0~16.04.1\_amd64.deb ...

Unpacking libpython3.5-stdlib:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Selecting previously unselected package python3.5.

Preparing to unpack .../python3.5\_3.5.2-2ubuntu0~16.04.1\_amd64.deb ...

Unpacking python3.5 (3.5.2-2ubuntu0~16.04.1) ...

Selecting previously unselected package libpython3-stdlib:amd64.

Preparing to unpack .../libpython3-stdlib\_3.5.1-3\_amd64.deb ...

Unpacking libpython3-stdlib:amd64 (3.5.1-3) ...

Selecting previously unselected package dh-python.

Preparing to unpack .../dh-python\_2.20151103ubuntu1.1\_all.deb ...

Unpacking dh-python (2.20151103ubuntu1.1) ...

Processing triggers for libc-bin (2.23-0ubuntu7) ...

Setting up libssl1.0.0:amd64 (1.0.2g-1ubuntu4.6) ...

debconf: unable to initialize frontend: Dialog

debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 76.)

debconf: falling back to frontend: Readline

debconf: unable to initialize frontend: Readline

debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::ReadLine module) (@INC contains: /etc/perl /usr/local/lib/x86\_64-linux-gnu/perl/5.22.1 /usr/local/share/perl/5.22.1 /usr/lib/x86\_64-linux-gnu/perl5/5.22 /usr/share/perl5 /usr/lib/x86\_64-linux-gnu/perl/5.22 /usr/share/perl/5.22 /usr/local/lib/site\_perl /usr/lib/x86\_64-linux-gnu/perl-base .) at /usr/share/perl5/Debconf/FrontEnd/Readline.pm line 7.)

debconf: falling back to frontend: Teletype

Setting up libpython3.5-minimal:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Setting up libexpat1:amd64 (2.1.0-7ubuntu0.16.04.2) ...

Setting up python3.5-minimal (3.5.2-2ubuntu0~16.04.1) ...

Setting up python3-minimal (3.5.1-3) ...

Processing triggers for libc-bin (2.23-0ubuntu7) ...

Selecting previously unselected package python3.

(Reading database ... 5740 files and directories currently installed.)

Preparing to unpack .../python3\_3.5.1-3\_amd64.deb ...

Unpacking python3 (3.5.1-3) ...

Selecting previously unselected package libxau6:amd64.

Preparing to unpack .../libxau6\_1%3a1.0.8-1\_amd64.deb ...

Unpacking libxau6:amd64 (1:1.0.8-1) ...

Selecting previously unselected package libxdmcp6:amd64.

Preparing to unpack .../libxdmcp6\_1%3a1.1.2-1.1\_amd64.deb ...

Unpacking libxdmcp6:amd64 (1:1.1.2-1.1) ...

Selecting previously unselected package libxcb1:amd64.

Preparing to unpack .../libxcb1\_1.11.1-1ubuntu1\_amd64.deb ...

Unpacking libxcb1:amd64 (1.11.1-1ubuntu1) ...

Selecting previously unselected package libx11-data.

Preparing to unpack .../libx11-data\_2%3a1.6.3-1ubuntu2\_all.deb ...

Unpacking libx11-data (2:1.6.3-1ubuntu2) ...

Selecting previously unselected package libx11-6:amd64.

Preparing to unpack .../libx11-6\_2%3a1.6.3-1ubuntu2\_amd64.deb ...

Unpacking libx11-6:amd64 (2:1.6.3-1ubuntu2) ...

Selecting previously unselected package libxext6:amd64.

Preparing to unpack .../libxext6\_2%3a1.3.3-1\_amd64.deb ...

Unpacking libxext6:amd64 (2:1.3.3-1) ...

Selecting previously unselected package libwrap0:amd64.

Preparing to unpack .../libwrap0\_7.6.q-25\_amd64.deb ...

Unpacking libwrap0:amd64 (7.6.q-25) ...

Selecting previously unselected package libmagic1:amd64.

Preparing to unpack .../libmagic1\_1%3a5.25-2ubuntu1\_amd64.deb ...

Unpacking libmagic1:amd64 (1:5.25-2ubuntu1) ...

Selecting previously unselected package file.

Preparing to unpack .../file\_1%3a5.25-2ubuntu1\_amd64.deb ...

Unpacking file (1:5.25-2ubuntu1) ...

Selecting previously unselected package libbsd0:amd64.

Preparing to unpack .../libbsd0\_0.8.2-1\_amd64.deb ...

Unpacking libbsd0:amd64 (0.8.2-1) ...

Selecting previously unselected package libidn11:amd64.

Preparing to unpack .../libidn11\_1.32-3ubuntu1.1\_amd64.deb ...

Unpacking libidn11:amd64 (1.32-3ubuntu1.1) ...

Selecting previously unselected package openssl.

Preparing to unpack .../openssl\_1.0.2g-1ubuntu4.6\_amd64.deb ...

Unpacking openssl (1.0.2g-1ubuntu4.6) ...

Selecting previously unselected package ca-certificates.

Preparing to unpack .../ca-certificates\_20160104ubuntu1\_all.deb ...

Unpacking ca-certificates (20160104ubuntu1) ...

Selecting previously unselected package krb5-locales.

Preparing to unpack .../krb5-locales\_1.13.2+dfsg-5ubuntu2\_all.deb ...

Unpacking krb5-locales (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libedit2:amd64.

Preparing to unpack .../libedit2\_3.1-20150325-1ubuntu2\_amd64.deb ...

Unpacking libedit2:amd64 (3.1-20150325-1ubuntu2) ...

Selecting previously unselected package libkrb5support0:amd64.

Preparing to unpack .../libkrb5support0\_1.13.2+dfsg-5ubuntu2\_amd64.deb ...

Unpacking libkrb5support0:amd64 (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libk5crypto3:amd64.

Preparing to unpack .../libk5crypto3\_1.13.2+dfsg-5ubuntu2\_amd64.deb ...

Unpacking libk5crypto3:amd64 (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libkeyutils1:amd64.

Preparing to unpack .../libkeyutils1\_1.5.9-8ubuntu1\_amd64.deb ...

Unpacking libkeyutils1:amd64 (1.5.9-8ubuntu1) ...

Selecting previously unselected package libkrb5-3:amd64.

Preparing to unpack .../libkrb5-3\_1.13.2+dfsg-5ubuntu2\_amd64.deb ...

Unpacking libkrb5-3:amd64 (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libgssapi-krb5-2:amd64.

Preparing to unpack .../libgssapi-krb5-2\_1.13.2+dfsg-5ubuntu2\_amd64.deb ...

Unpacking libgssapi-krb5-2:amd64 (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libxmuu1:amd64.

Preparing to unpack .../libxmuu1\_2%3a1.1.2-2\_amd64.deb ...

Unpacking libxmuu1:amd64 (2:1.1.2-2) ...

Selecting previously unselected package openssh-client.

Preparing to unpack .../openssh-client\_1%3a7.2p2-4ubuntu2.2\_amd64.deb ...

Unpacking openssh-client (1:7.2p2-4ubuntu2.2) ...

Selecting previously unselected package wget.

Preparing to unpack .../wget\_1.17.1-1ubuntu1.2\_amd64.deb ...

Unpacking wget (1.17.1-1ubuntu1.2) ...

Selecting previously unselected package xauth.

Preparing to unpack .../xauth\_1%3a1.0.9-1ubuntu2\_amd64.deb ...

Unpacking xauth (1:1.0.9-1ubuntu2) ...

Selecting previously unselected package ncurses-term.

Preparing to unpack .../ncurses-term\_6.0+20160213-1ubuntu1\_all.deb ...

Unpacking ncurses-term (6.0+20160213-1ubuntu1) ...

Selecting previously unselected package openssh-sftp-server.

Preparing to unpack .../openssh-sftp-server\_1%3a7.2p2-4ubuntu2.2\_amd64.deb ...

Unpacking openssh-sftp-server (1:7.2p2-4ubuntu2.2) ...

Selecting previously unselected package openssh-server.

Preparing to unpack .../openssh-server\_1%3a7.2p2-4ubuntu2.2\_amd64.deb ...

Unpacking openssh-server (1:7.2p2-4ubuntu2.2) ...

Selecting previously unselected package python3-pkg-resources.

Preparing to unpack .../python3-pkg-resources\_20.7.0-1\_all.deb ...

Unpacking python3-pkg-resources (20.7.0-1) ...

Selecting previously unselected package python3-chardet.

Preparing to unpack .../python3-chardet\_2.3.0-2\_all.deb ...

Unpacking python3-chardet (2.3.0-2) ...

Selecting previously unselected package python3-six.

Preparing to unpack .../python3-six\_1.10.0-3\_all.deb ...

Unpacking python3-six (1.10.0-3) ...

Selecting previously unselected package python3-urllib3.

Preparing to unpack .../python3-urllib3\_1.13.1-2ubuntu0.16.04.1\_all.deb ...

Unpacking python3-urllib3 (1.13.1-2ubuntu0.16.04.1) ...

Selecting previously unselected package python3-requests.

Preparing to unpack .../python3-requests\_2.9.1-3\_all.deb ...

Unpacking python3-requests (2.9.1-3) ...

Selecting previously unselected package tcpd.

Preparing to unpack .../tcpd\_7.6.q-25\_amd64.deb ...

Unpacking tcpd (7.6.q-25) ...

Selecting previously unselected package ssh-import-id.

Preparing to unpack .../ssh-import-id\_5.5-0ubuntu1\_all.deb ...

Unpacking ssh-import-id (5.5-0ubuntu1) ...

Processing triggers for libc-bin (2.23-0ubuntu7) ...

Processing triggers for systemd (229-4ubuntu16) ...

Setting up mime-support (3.59ubuntu1) ...

Setting up libmpdec2:amd64 (2.4.2-1) ...

Setting up libsqlite3-0:amd64 (3.11.0-1ubuntu1) ...

Setting up libpython3.5-stdlib:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Setting up python3.5 (3.5.2-2ubuntu0~16.04.1) ...

Setting up libpython3-stdlib:amd64 (3.5.1-3) ...

Setting up libxau6:amd64 (1:1.0.8-1) ...

Setting up libxdmcp6:amd64 (1:1.1.2-1.1) ...

Setting up libxcb1:amd64 (1.11.1-1ubuntu1) ...

Setting up libx11-data (2:1.6.3-1ubuntu2) ...

Setting up libx11-6:amd64 (2:1.6.3-1ubuntu2) ...

Setting up libxext6:amd64 (2:1.3.3-1) ...

Setting up libwrap0:amd64 (7.6.q-25) ...

Setting up libmagic1:amd64 (1:5.25-2ubuntu1) ...

Setting up file (1:5.25-2ubuntu1) ...

Setting up libbsd0:amd64 (0.8.2-1) ...

Setting up libidn11:amd64 (1.32-3ubuntu1.1) ...

Setting up openssl (1.0.2g-1ubuntu4.6) ...

Setting up ca-certificates (20160104ubuntu1) ...

debconf: unable to initialize frontend: Dialog

debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 76.)

debconf: falling back to frontend: Readline

debconf: unable to initialize frontend: Readline

debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::ReadLine module) (@INC contains: /etc/perl /usr/local/lib/x86\_64-linux-gnu/perl/5.22.1 /usr/local/share/perl/5.22.1 /usr/lib/x86\_64-linux-gnu/perl5/5.22 /usr/share/perl5 /usr/lib/x86\_64-linux-gnu/perl/5.22 /usr/share/perl/5.22 /usr/local/lib/site\_perl /usr/lib/x86\_64-linux-gnu/perl-base .) at /usr/share/perl5/Debconf/FrontEnd/Readline.pm line 7.)

debconf: falling back to frontend: Teletype

Setting up krb5-locales (1.13.2+dfsg-5ubuntu2) ...

Setting up libedit2:amd64 (3.1-20150325-1ubuntu2) ...

Setting up libkrb5support0:amd64 (1.13.2+dfsg-5ubuntu2) ...

Setting up libk5crypto3:amd64 (1.13.2+dfsg-5ubuntu2) ...

Setting up libkeyutils1:amd64 (1.5.9-8ubuntu1) ...

Setting up libkrb5-3:amd64 (1.13.2+dfsg-5ubuntu2) ...

Setting up libgssapi-krb5-2:amd64 (1.13.2+dfsg-5ubuntu2) ...

Setting up libxmuu1:amd64 (2:1.1.2-2) ...

Setting up openssh-client (1:7.2p2-4ubuntu2.2) ...

Setting up wget (1.17.1-1ubuntu1.2) ...

Setting up xauth (1:1.0.9-1ubuntu2) ...

Setting up ncurses-term (6.0+20160213-1ubuntu1) ...

Setting up openssh-sftp-server (1:7.2p2-4ubuntu2.2) ...

Setting up openssh-server (1:7.2p2-4ubuntu2.2) ...

debconf: unable to initialize frontend: Dialog

debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 76.)

debconf: falling back to frontend: Readline

debconf: unable to initialize frontend: Readline

debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::ReadLine module) (@INC contains: /etc/perl /usr/local/lib/x86\_64-linux-gnu/perl/5.22.1 /usr/local/share/perl/5.22.1 /usr/lib/x86\_64-linux-gnu/perl5/5.22 /usr/share/perl5 /usr/lib/x86\_64-linux-gnu/perl/5.22 /usr/share/perl/5.22 /usr/local/lib/site\_perl /usr/lib/x86\_64-linux-gnu/perl-base .) at /usr/share/perl5/Debconf/FrontEnd/Readline.pm line 7.)

debconf: falling back to frontend: Teletype

Creating SSH2 RSA key; this may take some time ...

2048 SHA256:hJ9TpgUIF4ZoC6KfKG/Kdr6jYqgHqrfJbo5i1ordqiI root@22174def586d (RSA)

Creating SSH2 DSA key; this may take some time ...

1024 SHA256:6OoOm8IWRDn4QKQ//K4NJ3kiZOFrmkLx5MVKVok0+Ic root@22174def586d (DSA)

Creating SSH2 ECDSA key; this may take some time ...

256 SHA256:4Y446tprAdppz/60YS3fMryYUkCPAc8ETtCiOsIBULc root@22174def586d (ECDSA)

Creating SSH2 ED25519 key; this may take some time ...

256 SHA256:0Y9CsKpBKOFnqxFo78h1Wgu+hkYxZVhhzCLG2DS0c1A root@22174def586d (ED25519)

invoke-rc.d: could not determine current runlevel

invoke-rc.d: policy-rc.d denied execution of start.

Setting up tcpd (7.6.q-25) ...

Setting up dh-python (2.20151103ubuntu1.1) ...

Setting up python3 (3.5.1-3) ...

running python rtupdate hooks for python3.5...

running python post-rtupdate hooks for python3.5...

Setting up python3-pkg-resources (20.7.0-1) ...

Setting up python3-chardet (2.3.0-2) ...

Setting up python3-six (1.10.0-3) ...

Setting up python3-urllib3 (1.13.1-2ubuntu0.16.04.1) ...

Setting up python3-requests (2.9.1-3) ...

Setting up ssh-import-id (5.5-0ubuntu1) ...

Processing triggers for libc-bin (2.23-0ubuntu7) ...

Processing triggers for ca-certificates (20160104ubuntu1) ...

Updating certificates in /etc/ssl/certs...

173 added, 0 removed; done.

Running hooks in /etc/ca-certificates/update.d...

done.

Processing triggers for systemd (229-4ubuntu16) ...

root@22174def586d:/#

root@22174def586d:/#

root@22174def586d:/#

root@22174def586d:/#

Last login: Mon May 15 20:46:23 on ttys000

Aamirs-MacBook-Pro:~ aamirahmad$ ssh root@192.168.1.25

Warning: Permanently added '192.168.1.25' (ECDSA) to the list of known hosts.

root@192.168.1.25's password:

Permission denied, please try again.

root@192.168.1.25's password:

Aamirs-MacBook-Pro:~ aamirahmad$ ssh root@192.168.1.25

Warning: Permanently added '192.168.1.25' (ECDSA) to the list of known hosts.

root@192.168.1.25's password:

Welcome to Ubuntu 16.04.2 LTS (GNU/Linux 4.4.0-77-generic x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: https://landscape.canonical.com

\* Support: https://ubuntu.com/advantage

0 packages can be updated.

0 updates are security updates.

Last login: Mon May 15 20:59:36 2017 from 192.168.1.6

root@docker-server:~# docker ps -

Last login: Mon May 15 20:46:23 on ttys000

Aamirs-MacBook-Pro:~ aamirahmad$ ssh root@192.168.1.25

Warning: Permanently added '192.168.1.25' (ECDSA) to the list of known hosts.

root@192.168.1.25's password:

Permission denied, please try again.

root@192.168.1.25's password:

Aamirs-MacBook-Pro:~ aamirahmad$ ssh root@192.168.1.25

Warning: Permanently added '192.168.1.25' (ECDSA) to the list of known hosts.

root@192.168.1.25's password:

Welcome to Ubuntu 16.04.2 LTS (GNU/Linux 4.4.0-77-generic x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: https://landscape.canonical.com

\* Support: https://ubuntu.com/advantage

0 packages can be updated.

0 updates are security updates.

Last login: Mon May 15 20:59:36 2017 from 192.168.1.6

root@docker-server:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

22174def586d ubuntu "/bin/bash" 3 minutes ago Up 3 minutes boring\_payne

root@docker-server:~# docker inspect 22174def586d

[

{

"Id": "22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b",

"Created": "2017-05-15T15:39:49.744286548Z",

"Path": "/bin/bash",

"Args": [],

"State": {

"Status": "running",

"Running": true,

"Paused": false,

"Restarting": false,

"OOMKilled": false,

"Dead": false,

"Pid": 3140,

"ExitCode": 0,

"Error": "",

"StartedAt": "2017-05-15T15:39:49.99951314Z",

"FinishedAt": "0001-01-01T00:00:00Z"

},

"Image": "sha256:f7b3f317ec734a73deca91b34c2b1e3dd7454650da9c8ef3047d29a873865178",

"ResolvConfPath": "/var/lib/docker/containers/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b/resolv.conf",

"HostnamePath": "/var/lib/docker/containers/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b/hostname",

"HostsPath": "/var/lib/docker/containers/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b/hosts",

"LogPath": "/var/lib/docker/containers/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b/22174def586de513053217985c1aec67fc852e0956dae90cf30913aba724266b-json.log",

"Name": "/boring\_payne",

"RestartCount": 0,

"Driver": "aufs",

"MountLabel": "",

"ProcessLabel": "",

"AppArmorProfile": "",

"ExecIDs": null,

"HostConfig": {

"Binds": null,

"ContainerIDFile": "",

"LogConfig": {

"Type": "json-file",

"Config": {}

},

"NetworkMode": "default",

"PortBindings": {},

"RestartPolicy": {

"Name": "no",

"MaximumRetryCount": 0

},

"AutoRemove": false,

"VolumeDriver": "",

"VolumesFrom": null,

"CapAdd": null,

"CapDrop": null,

"Dns": [],

"DnsOptions": [],

"DnsSearch": [],

"ExtraHosts": null,

"GroupAdd": null,

"IpcMode": "",

"Cgroup": "",

"Links": null,

"OomScoreAdj": 0,

"PidMode": "",

"Privileged": false,

"PublishAllPorts": false,

"ReadonlyRootfs": false,

"SecurityOpt": null,

"UTSMode": "",

"UsernsMode": "",

"ShmSize": 67108864,

"Runtime": "runc",

"ConsoleSize": [

0,

0

],

"Isolation": "",

"CpuShares": 0,

"Memory": 0,

"NanoCpus": 0,

"CgroupParent": "",

"BlkioWeight": 0,

"BlkioWeightDevice": null,

"BlkioDeviceReadBps": null,

"BlkioDeviceWriteBps": null,

"BlkioDeviceReadIOps": null,

"BlkioDeviceWriteIOps": null,

"CpuPeriod": 0,

"CpuQuota": 0,

"CpuRealtimePeriod": 0,

"CpuRealtimeRuntime": 0,

"CpusetCpus": "",

"CpusetMems": "",

"Devices": [],

"DiskQuota": 0,

"KernelMemory": 0,

"MemoryReservation": 0,

"MemorySwap": 0,

"MemorySwappiness": -1,

"OomKillDisable": false,

"PidsLimit": 0,

"Ulimits": null,

"CpuCount": 0,

"CpuPercent": 0,

"IOMaximumIOps": 0,

"IOMaximumBandwidth": 0

},

"GraphDriver": {

"Name": "aufs",

"Data": null

},

"Mounts": [],

"Config": {

"Hostname": "22174def586d",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"Tty": true,

"OpenStdin": true,

"StdinOnce": false,

"Env": [

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin"

],

"Cmd": [

"/bin/bash"

],

"ArgsEscaped": true,

"Image": "ubuntu",

"Volumes": null,

"WorkingDir": "",

"Entrypoint": null,

"OnBuild": null,

"Labels": {}

},

"NetworkSettings": {

"Bridge": "",

"SandboxID": "cb4ea90d4fc7e1838e6de9d2b1461b3c33f81250f2d17d671dbfdf59fa41e6c1",

"HairpinMode": false,

"LinkLocalIPv6Address": "",

"LinkLocalIPv6PrefixLen": 0,

"Ports": {},

"SandboxKey": "/var/run/docker/netns/cb4ea90d4fc7",

"SecondaryIPAddresses": null,

"SecondaryIPv6Addresses": null,

"EndpointID": "de027211f0744d45dacfbc5628bcf8945b7758a7e3414a9988d845938027701a",

"Gateway": "172.17.0.1",

"GlobalIPv6Address": "",

"GlobalIPv6PrefixLen": 0,

"IPAddress": "172.17.0.2",

"IPPrefixLen": 16,

"IPv6Gateway": "",

"MacAddress": "02:42:ac:11:00:02",

"Networks": {

"bridge": {

"IPAMConfig": null,

"Links": null,

"Aliases": null,

"NetworkID": "0b3f75e2a2f81fdc9c80549dcbf6a634dff829bfc9fafa99320ea3a506e8b202",

"EndpointID": "de027211f0744d45dacfbc5628bcf8945b7758a7e3414a9988d845938027701a",

"Gateway": "172.17.0.1",

"IPAddress": "172.17.0.2",

"IPPrefixLen": 16,

"IPv6Gateway": "",

"GlobalIPv6Address": "",

"GlobalIPv6PrefixLen": 0,

"MacAddress": "02:42:ac:11:00:02"

}

}

}

}

]

root@docker-server:~# ssh root@172.17.0.2

ssh: connect to host 172.17.0.2 port 22: Connection refused

root@docker-server:~#

root@docker-server:~# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

ubuntu latest f7b3f317ec73 2 weeks ago 117 MB

root@docker-server:~# docker run -ti -p 8022:22 --name=temp\_ssh ubuntu

root@0769160da583:/#

root@0769160da583:/#

root@0769160da583:/#

root@0769160da583:/# apt-get update -t

E: Option -t requires an argument.

root@0769160da583:/# apt-get update -y

Get:1 http://archive.ubuntu.com/ubuntu xenial InRelease [247 kB]

Get:2 http://security.ubuntu.com/ubuntu xenial-security InRelease [102 kB]

Get:3 http://archive.ubuntu.com/ubuntu xenial-updates InRelease [102 kB]

Get:4 http://security.ubuntu.com/ubuntu xenial-security/universe Sources [30.3 kB]

Get:5 http://archive.ubuntu.com/ubuntu xenial-backports InRelease [102 kB]

Get:6 http://archive.ubuntu.com/ubuntu xenial/universe Sources [9802 kB]

Get:7 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [323 kB]

Get:8 http://security.ubuntu.com/ubuntu xenial-security/restricted amd64 Packages [12.8 kB]

Get:9 http://security.ubuntu.com/ubuntu xenial-security/universe amd64 Packages [137 kB]

Get:10 http://security.ubuntu.com/ubuntu xenial-security/multiverse amd64 Packages [2932 B]

Get:11 http://archive.ubuntu.com/ubuntu xenial/main amd64 Packages [1558 kB]

Get:12 http://archive.ubuntu.com/ubuntu xenial/restricted amd64 Packages [14.1 kB]

Get:13 http://archive.ubuntu.com/ubuntu xenial/universe amd64 Packages [9827 kB]

Get:14 http://archive.ubuntu.com/ubuntu xenial/multiverse amd64 Packages [176 kB]

Get:15 http://archive.ubuntu.com/ubuntu xenial-updates/universe Sources [190 kB]

Get:16 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 Packages [677 kB]

Get:17 http://archive.ubuntu.com/ubuntu xenial-updates/restricted amd64 Packages [13.2 kB]

Get:18 http://archive.ubuntu.com/ubuntu xenial-updates/universe amd64 Packages [585 kB]

Get:19 http://archive.ubuntu.com/ubuntu xenial-updates/multiverse amd64 Packages [9810 B]

Get:20 http://archive.ubuntu.com/ubuntu xenial-backports/main amd64 Packages [4927 B]

Get:21 http://archive.ubuntu.com/ubuntu xenial-backports/universe amd64 Packages [2567 B]

Fetched 23.9 MB in 11s (2164 kB/s)

Reading package lists... Done

root@0769160da583:/# apt-get install openssh-server -y

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following additional packages will be installed:

ca-certificates dh-python file krb5-locales libbsd0 libedit2 libexpat1 libgssapi-krb5-2 libidn11 libk5crypto3

libkeyutils1 libkrb5-3 libkrb5support0 libmagic1 libmpdec2 libpython3-stdlib libpython3.5-minimal

libpython3.5-stdlib libsqlite3-0 libssl1.0.0 libwrap0 libx11-6 libx11-data libxau6 libxcb1 libxdmcp6 libxext6

libxmuu1 mime-support ncurses-term openssh-client openssh-sftp-server openssl python3 python3-chardet

python3-minimal python3-pkg-resources python3-requests python3-six python3-urllib3 python3.5 python3.5-minimal

ssh-import-id tcpd wget xauth

Suggested packages:

libdpkg-perl krb5-doc krb5-user ssh-askpass libpam-ssh keychain monkeysphere rssh molly-guard ufw python3-doc

python3-tk python3-venv python3-setuptools python3-ndg-httpsclient python3-openssl python3-pyasn1

python3.5-venv python3.5-doc binutils binfmt-support

The following NEW packages will be installed:

ca-certificates dh-python file krb5-locales libbsd0 libedit2 libexpat1 libgssapi-krb5-2 libidn11 libk5crypto3

libkeyutils1 libkrb5-3 libkrb5support0 libmagic1 libmpdec2 libpython3-stdlib libpython3.5-minimal

libpython3.5-stdlib libsqlite3-0 libssl1.0.0 libwrap0 libx11-6 libx11-data libxau6 libxcb1 libxdmcp6 libxext6

libxmuu1 mime-support ncurses-term openssh-client openssh-server openssh-sftp-server openssl python3

python3-chardet python3-minimal python3-pkg-resources python3-requests python3-six python3-urllib3 python3.5

python3.5-minimal ssh-import-id tcpd wget xauth

0 upgraded, 47 newly installed, 0 to remove and 10 not upgraded.

Need to get 10.5 MB of archives.

After this operation, 55.1 MB of additional disk space will be used.

Get:1 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libssl1.0.0 amd64 1.0.2g-1ubuntu4.6 [1082 kB]

Get:2 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libpython3.5-minimal amd64 3.5.2-2ubuntu0~16.04.1 [526 kB]

Get:3 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libexpat1 amd64 2.1.0-7ubuntu0.16.04.2 [71.3 kB]

Get:4 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 python3.5-minimal amd64 3.5.2-2ubuntu0~16.04.1 [1597 kB]

Get:5 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-minimal amd64 3.5.1-3 [23.3 kB]

Get:6 http://archive.ubuntu.com/ubuntu xenial/main amd64 mime-support all 3.59ubuntu1 [31.0 kB]

Get:7 http://archive.ubuntu.com/ubuntu xenial/main amd64 libmpdec2 amd64 2.4.2-1 [82.6 kB]

Get:8 http://archive.ubuntu.com/ubuntu xenial/main amd64 libsqlite3-0 amd64 3.11.0-1ubuntu1 [396 kB]

Get:9 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libpython3.5-stdlib amd64 3.5.2-2ubuntu0~16.04.1 [2130 kB]

Get:10 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 python3.5 amd64 3.5.2-2ubuntu0~16.04.1 [165 kB]

Get:11 http://archive.ubuntu.com/ubuntu xenial/main amd64 libpython3-stdlib amd64 3.5.1-3 [6818 B]

Get:12 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 dh-python all 2.20151103ubuntu1.1 [74.1 kB]

Get:13 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3 amd64 3.5.1-3 [8710 B]

Get:14 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxau6 amd64 1:1.0.8-1 [8376 B]

Get:15 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxdmcp6 amd64 1:1.1.2-1.1 [11.0 kB]

Get:16 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxcb1 amd64 1.11.1-1ubuntu1 [40.0 kB]

Get:17 http://archive.ubuntu.com/ubuntu xenial/main amd64 libx11-data all 2:1.6.3-1ubuntu2 [113 kB]

Get:18 http://archive.ubuntu.com/ubuntu xenial/main amd64 libx11-6 amd64 2:1.6.3-1ubuntu2 [571 kB]

Get:19 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxext6 amd64 2:1.3.3-1 [29.4 kB]

Get:20 http://archive.ubuntu.com/ubuntu xenial/main amd64 libwrap0 amd64 7.6.q-25 [46.2 kB]

Get:21 http://archive.ubuntu.com/ubuntu xenial/main amd64 libmagic1 amd64 1:5.25-2ubuntu1 [216 kB]

Get:22 http://archive.ubuntu.com/ubuntu xenial/main amd64 file amd64 1:5.25-2ubuntu1 [21.2 kB]

Get:23 http://archive.ubuntu.com/ubuntu xenial/main amd64 libbsd0 amd64 0.8.2-1 [41.7 kB]

Get:24 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libidn11 amd64 1.32-3ubuntu1.1 [45.6 kB]

Get:25 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 openssl amd64 1.0.2g-1ubuntu4.6 [492 kB]

Get:26 http://archive.ubuntu.com/ubuntu xenial/main amd64 ca-certificates all 20160104ubuntu1 [191 kB]

Get:27 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 krb5-locales all 1.13.2+dfsg-5ubuntu2 [13.2 kB]

Get:28 http://archive.ubuntu.com/ubuntu xenial/main amd64 libedit2 amd64 3.1-20150325-1ubuntu2 [76.5 kB]

Get:29 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libkrb5support0 amd64 1.13.2+dfsg-5ubuntu2 [30.8 kB]

Get:30 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libk5crypto3 amd64 1.13.2+dfsg-5ubuntu2 [81.2 kB]

Get:31 http://archive.ubuntu.com/ubuntu xenial/main amd64 libkeyutils1 amd64 1.5.9-8ubuntu1 [9904 B]

Get:32 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libkrb5-3 amd64 1.13.2+dfsg-5ubuntu2 [273 kB]

Get:33 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libgssapi-krb5-2 amd64 1.13.2+dfsg-5ubuntu2 [120 kB]

Get:34 http://archive.ubuntu.com/ubuntu xenial/main amd64 libxmuu1 amd64 2:1.1.2-2 [9674 B]

Get:35 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 openssh-client amd64 1:7.2p2-4ubuntu2.2 [587 kB]

Get:36 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 wget amd64 1.17.1-1ubuntu1.2 [298 kB]

Get:37 http://archive.ubuntu.com/ubuntu xenial/main amd64 xauth amd64 1:1.0.9-1ubuntu2 [22.7 kB]

Get:38 http://archive.ubuntu.com/ubuntu xenial/main amd64 ncurses-term all 6.0+20160213-1ubuntu1 [249 kB]

Get:39 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 openssh-sftp-server amd64 1:7.2p2-4ubuntu2.2 [38.7 kB]

Get:40 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 openssh-server amd64 1:7.2p2-4ubuntu2.2 [338 kB]

Get:41 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-pkg-resources all 20.7.0-1 [79.0 kB]

Get:42 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-chardet all 2.3.0-2 [96.2 kB]

Get:43 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-six all 1.10.0-3 [11.0 kB]

Get:44 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 python3-urllib3 all 1.13.1-2ubuntu0.16.04.1 [57.3 kB]

Get:45 http://archive.ubuntu.com/ubuntu xenial/main amd64 python3-requests all 2.9.1-3 [55.4 kB]

Get:46 http://archive.ubuntu.com/ubuntu xenial/main amd64 tcpd amd64 7.6.q-25 [23.0 kB]

Get:47 http://archive.ubuntu.com/ubuntu xenial/main amd64 ssh-import-id all 5.5-0ubuntu1 [10.2 kB]

Fetched 10.5 MB in 4s (2590 kB/s)

debconf: delaying package configuration, since apt-utils is not installed

Selecting previously unselected package libssl1.0.0:amd64.

(Reading database ... 4764 files and directories currently installed.)

Preparing to unpack .../libssl1.0.0\_1.0.2g-1ubuntu4.6\_amd64.deb ...

Unpacking libssl1.0.0:amd64 (1.0.2g-1ubuntu4.6) ...

Selecting previously unselected package libpython3.5-minimal:amd64.

Preparing to unpack .../libpython3.5-minimal\_3.5.2-2ubuntu0~16.04.1\_amd64.deb ...

Unpacking libpython3.5-minimal:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Selecting previously unselected package libexpat1:amd64.

Preparing to unpack .../libexpat1\_2.1.0-7ubuntu0.16.04.2\_amd64.deb ...

Unpacking libexpat1:amd64 (2.1.0-7ubuntu0.16.04.2) ...

Selecting previously unselected package python3.5-minimal.

Preparing to unpack .../python3.5-minimal\_3.5.2-2ubuntu0~16.04.1\_amd64.deb ...

Unpacking python3.5-minimal (3.5.2-2ubuntu0~16.04.1) ...

Selecting previously unselected package python3-minimal.

Preparing to unpack .../python3-minimal\_3.5.1-3\_amd64.deb ...

Unpacking python3-minimal (3.5.1-3) ...

Selecting previously unselected package mime-support.

Preparing to unpack .../mime-support\_3.59ubuntu1\_all.deb ...

Unpacking mime-support (3.59ubuntu1) ...

Selecting previously unselected package libmpdec2:amd64.

Preparing to unpack .../libmpdec2\_2.4.2-1\_amd64.deb ...

Unpacking libmpdec2:amd64 (2.4.2-1) ...

Selecting previously unselected package libsqlite3-0:amd64.

Preparing to unpack .../libsqlite3-0\_3.11.0-1ubuntu1\_amd64.deb ...

Unpacking libsqlite3-0:amd64 (3.11.0-1ubuntu1) ...

Selecting previously unselected package libpython3.5-stdlib:amd64.

Preparing to unpack .../libpython3.5-stdlib\_3.5.2-2ubuntu0~16.04.1\_amd64.deb ...

Unpacking libpython3.5-stdlib:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Selecting previously unselected package python3.5.

Preparing to unpack .../python3.5\_3.5.2-2ubuntu0~16.04.1\_amd64.deb ...

Unpacking python3.5 (3.5.2-2ubuntu0~16.04.1) ...

Selecting previously unselected package libpython3-stdlib:amd64.

Preparing to unpack .../libpython3-stdlib\_3.5.1-3\_amd64.deb ...

Unpacking libpython3-stdlib:amd64 (3.5.1-3) ...

Selecting previously unselected package dh-python.

Preparing to unpack .../dh-python\_2.20151103ubuntu1.1\_all.deb ...

Unpacking dh-python (2.20151103ubuntu1.1) ...

Processing triggers for libc-bin (2.23-0ubuntu7) ...

Setting up libssl1.0.0:amd64 (1.0.2g-1ubuntu4.6) ...

debconf: unable to initialize frontend: Dialog

debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 76.)

debconf: falling back to frontend: Readline

debconf: unable to initialize frontend: Readline

debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::ReadLine module) (@INC contains: /etc/perl /usr/local/lib/x86\_64-linux-gnu/perl/5.22.1 /usr/local/share/perl/5.22.1 /usr/lib/x86\_64-linux-gnu/perl5/5.22 /usr/share/perl5 /usr/lib/x86\_64-linux-gnu/perl/5.22 /usr/share/perl/5.22 /usr/local/lib/site\_perl /usr/lib/x86\_64-linux-gnu/perl-base .) at /usr/share/perl5/Debconf/FrontEnd/Readline.pm line 7.)

debconf: falling back to frontend: Teletype

Setting up libpython3.5-minimal:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Setting up libexpat1:amd64 (2.1.0-7ubuntu0.16.04.2) ...

Setting up python3.5-minimal (3.5.2-2ubuntu0~16.04.1) ...

Setting up python3-minimal (3.5.1-3) ...

Processing triggers for libc-bin (2.23-0ubuntu7) ...

Selecting previously unselected package python3.

(Reading database ... 5740 files and directories currently installed.)

Preparing to unpack .../python3\_3.5.1-3\_amd64.deb ...

Unpacking python3 (3.5.1-3) ...

Selecting previously unselected package libxau6:amd64.

Preparing to unpack .../libxau6\_1%3a1.0.8-1\_amd64.deb ...

Unpacking libxau6:amd64 (1:1.0.8-1) ...

Selecting previously unselected package libxdmcp6:amd64.

Preparing to unpack .../libxdmcp6\_1%3a1.1.2-1.1\_amd64.deb ...

Unpacking libxdmcp6:amd64 (1:1.1.2-1.1) ...

Selecting previously unselected package libxcb1:amd64.

Preparing to unpack .../libxcb1\_1.11.1-1ubuntu1\_amd64.deb ...

Unpacking libxcb1:amd64 (1.11.1-1ubuntu1) ...

Selecting previously unselected package libx11-data.

Preparing to unpack .../libx11-data\_2%3a1.6.3-1ubuntu2\_all.deb ...

Unpacking libx11-data (2:1.6.3-1ubuntu2) ...

Selecting previously unselected package libx11-6:amd64.

Preparing to unpack .../libx11-6\_2%3a1.6.3-1ubuntu2\_amd64.deb ...

Unpacking libx11-6:amd64 (2:1.6.3-1ubuntu2) ...

Selecting previously unselected package libxext6:amd64.

Preparing to unpack .../libxext6\_2%3a1.3.3-1\_amd64.deb ...

Unpacking libxext6:amd64 (2:1.3.3-1) ...

Selecting previously unselected package libwrap0:amd64.

Preparing to unpack .../libwrap0\_7.6.q-25\_amd64.deb ...

Unpacking libwrap0:amd64 (7.6.q-25) ...

Selecting previously unselected package libmagic1:amd64.

Preparing to unpack .../libmagic1\_1%3a5.25-2ubuntu1\_amd64.deb ...

Unpacking libmagic1:amd64 (1:5.25-2ubuntu1) ...

Selecting previously unselected package file.

Preparing to unpack .../file\_1%3a5.25-2ubuntu1\_amd64.deb ...

Unpacking file (1:5.25-2ubuntu1) ...

Selecting previously unselected package libbsd0:amd64.

Preparing to unpack .../libbsd0\_0.8.2-1\_amd64.deb ...

Unpacking libbsd0:amd64 (0.8.2-1) ...

Selecting previously unselected package libidn11:amd64.

Preparing to unpack .../libidn11\_1.32-3ubuntu1.1\_amd64.deb ...

Unpacking libidn11:amd64 (1.32-3ubuntu1.1) ...

Selecting previously unselected package openssl.

Preparing to unpack .../openssl\_1.0.2g-1ubuntu4.6\_amd64.deb ...

Unpacking openssl (1.0.2g-1ubuntu4.6) ...

Selecting previously unselected package ca-certificates.

Preparing to unpack .../ca-certificates\_20160104ubuntu1\_all.deb ...

Unpacking ca-certificates (20160104ubuntu1) ...

Selecting previously unselected package krb5-locales.

Preparing to unpack .../krb5-locales\_1.13.2+dfsg-5ubuntu2\_all.deb ...

Unpacking krb5-locales (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libedit2:amd64.

Preparing to unpack .../libedit2\_3.1-20150325-1ubuntu2\_amd64.deb ...

Unpacking libedit2:amd64 (3.1-20150325-1ubuntu2) ...

Selecting previously unselected package libkrb5support0:amd64.

Preparing to unpack .../libkrb5support0\_1.13.2+dfsg-5ubuntu2\_amd64.deb ...

Unpacking libkrb5support0:amd64 (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libk5crypto3:amd64.

Preparing to unpack .../libk5crypto3\_1.13.2+dfsg-5ubuntu2\_amd64.deb ...

Unpacking libk5crypto3:amd64 (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libkeyutils1:amd64.

Preparing to unpack .../libkeyutils1\_1.5.9-8ubuntu1\_amd64.deb ...

Unpacking libkeyutils1:amd64 (1.5.9-8ubuntu1) ...

Selecting previously unselected package libkrb5-3:amd64.

Preparing to unpack .../libkrb5-3\_1.13.2+dfsg-5ubuntu2\_amd64.deb ...

Unpacking libkrb5-3:amd64 (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libgssapi-krb5-2:amd64.

Preparing to unpack .../libgssapi-krb5-2\_1.13.2+dfsg-5ubuntu2\_amd64.deb ...

Unpacking libgssapi-krb5-2:amd64 (1.13.2+dfsg-5ubuntu2) ...

Selecting previously unselected package libxmuu1:amd64.

Preparing to unpack .../libxmuu1\_2%3a1.1.2-2\_amd64.deb ...

Unpacking libxmuu1:amd64 (2:1.1.2-2) ...

Selecting previously unselected package openssh-client.

Preparing to unpack .../openssh-client\_1%3a7.2p2-4ubuntu2.2\_amd64.deb ...

Unpacking openssh-client (1:7.2p2-4ubuntu2.2) ...

Selecting previously unselected package wget.

Preparing to unpack .../wget\_1.17.1-1ubuntu1.2\_amd64.deb ...

Unpacking wget (1.17.1-1ubuntu1.2) ...

Selecting previously unselected package xauth.

Preparing to unpack .../xauth\_1%3a1.0.9-1ubuntu2\_amd64.deb ...

Unpacking xauth (1:1.0.9-1ubuntu2) ...

Selecting previously unselected package ncurses-term.

Preparing to unpack .../ncurses-term\_6.0+20160213-1ubuntu1\_all.deb ...

Unpacking ncurses-term (6.0+20160213-1ubuntu1) ...

Selecting previously unselected package openssh-sftp-server.

Preparing to unpack .../openssh-sftp-server\_1%3a7.2p2-4ubuntu2.2\_amd64.deb ...

Unpacking openssh-sftp-server (1:7.2p2-4ubuntu2.2) ...

Selecting previously unselected package openssh-server.

Preparing to unpack .../openssh-server\_1%3a7.2p2-4ubuntu2.2\_amd64.deb ...

Unpacking openssh-server (1:7.2p2-4ubuntu2.2) ...

Selecting previously unselected package python3-pkg-resources.

Preparing to unpack .../python3-pkg-resources\_20.7.0-1\_all.deb ...

Unpacking python3-pkg-resources (20.7.0-1) ...

Selecting previously unselected package python3-chardet.

Preparing to unpack .../python3-chardet\_2.3.0-2\_all.deb ...

Unpacking python3-chardet (2.3.0-2) ...

Selecting previously unselected package python3-six.

Preparing to unpack .../python3-six\_1.10.0-3\_all.deb ...

Unpacking python3-six (1.10.0-3) ...

Selecting previously unselected package python3-urllib3.

Preparing to unpack .../python3-urllib3\_1.13.1-2ubuntu0.16.04.1\_all.deb ...

Unpacking python3-urllib3 (1.13.1-2ubuntu0.16.04.1) ...

Selecting previously unselected package python3-requests.

Preparing to unpack .../python3-requests\_2.9.1-3\_all.deb ...

Unpacking python3-requests (2.9.1-3) ...

Selecting previously unselected package tcpd.

Preparing to unpack .../tcpd\_7.6.q-25\_amd64.deb ...

Unpacking tcpd (7.6.q-25) ...

Selecting previously unselected package ssh-import-id.

Preparing to unpack .../ssh-import-id\_5.5-0ubuntu1\_all.deb ...

Unpacking ssh-import-id (5.5-0ubuntu1) ...

Processing triggers for libc-bin (2.23-0ubuntu7) ...

Processing triggers for systemd (229-4ubuntu16) ...

Setting up mime-support (3.59ubuntu1) ...

Setting up libmpdec2:amd64 (2.4.2-1) ...

Setting up libsqlite3-0:amd64 (3.11.0-1ubuntu1) ...

Setting up libpython3.5-stdlib:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Setting up python3.5 (3.5.2-2ubuntu0~16.04.1) ...

Setting up libpython3-stdlib:amd64 (3.5.1-3) ...

Setting up libxau6:amd64 (1:1.0.8-1) ...

Setting up libxdmcp6:amd64 (1:1.1.2-1.1) ...

Setting up libxcb1:amd64 (1.11.1-1ubuntu1) ...

Setting up libx11-data (2:1.6.3-1ubuntu2) ...

Setting up libx11-6:amd64 (2:1.6.3-1ubuntu2) ...

Setting up libxext6:amd64 (2:1.3.3-1) ...

Setting up libwrap0:amd64 (7.6.q-25) ...

Setting up libmagic1:amd64 (1:5.25-2ubuntu1) ...

Setting up file (1:5.25-2ubuntu1) ...

Setting up libbsd0:amd64 (0.8.2-1) ...

Setting up libidn11:amd64 (1.32-3ubuntu1.1) ...

Setting up openssl (1.0.2g-1ubuntu4.6) ...

Setting up ca-certificates (20160104ubuntu1) ...

debconf: unable to initialize frontend: Dialog

debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 76.)

debconf: falling back to frontend: Readline

debconf: unable to initialize frontend: Readline

debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::ReadLine module) (@INC contains: /etc/perl /usr/local/lib/x86\_64-linux-gnu/perl/5.22.1 /usr/local/share/perl/5.22.1 /usr/lib/x86\_64-linux-gnu/perl5/5.22 /usr/share/perl5 /usr/lib/x86\_64-linux-gnu/perl/5.22 /usr/share/perl/5.22 /usr/local/lib/site\_perl /usr/lib/x86\_64-linux-gnu/perl-base .) at /usr/share/perl5/Debconf/FrontEnd/Readline.pm line 7.)

debconf: falling back to frontend: Teletype

Setting up krb5-locales (1.13.2+dfsg-5ubuntu2) ...

Setting up libedit2:amd64 (3.1-20150325-1ubuntu2) ...

Setting up libkrb5support0:amd64 (1.13.2+dfsg-5ubuntu2) ...

Setting up libk5crypto3:amd64 (1.13.2+dfsg-5ubuntu2) ...

Setting up libkeyutils1:amd64 (1.5.9-8ubuntu1) ...

Setting up libkrb5-3:amd64 (1.13.2+dfsg-5ubuntu2) ...

Setting up libgssapi-krb5-2:amd64 (1.13.2+dfsg-5ubuntu2) ...

Setting up libxmuu1:amd64 (2:1.1.2-2) ...

Setting up openssh-client (1:7.2p2-4ubuntu2.2) ...

Setting up wget (1.17.1-1ubuntu1.2) ...

Setting up xauth (1:1.0.9-1ubuntu2) ...

Setting up ncurses-term (6.0+20160213-1ubuntu1) ...

Setting up openssh-sftp-server (1:7.2p2-4ubuntu2.2) ...

Setting up openssh-server (1:7.2p2-4ubuntu2.2) ...

debconf: unable to initialize frontend: Dialog

debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 76.)

debconf: falling back to frontend: Readline

debconf: unable to initialize frontend: Readline

debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::ReadLine module) (@INC contains: /etc/perl /usr/local/lib/x86\_64-linux-gnu/perl/5.22.1 /usr/local/share/perl/5.22.1 /usr/lib/x86\_64-linux-gnu/perl5/5.22 /usr/share/perl5 /usr/lib/x86\_64-linux-gnu/perl/5.22 /usr/share/perl/5.22 /usr/local/lib/site\_perl /usr/lib/x86\_64-linux-gnu/perl-base .) at /usr/share/perl5/Debconf/FrontEnd/Readline.pm line 7.)

debconf: falling back to frontend: Teletype

Creating SSH2 RSA key; this may take some time ...

2048 SHA256:iEruoavslW8OGIX3aX5VndUQJhMDCbW0jUHN+QSBaec root@0769160da583 (RSA)

Creating SSH2 DSA key; this may take some time ...

1024 SHA256:9q0sMGmeKl1JZqG/4rkdI/I4Z+psnd1KSxqLceCIhng root@0769160da583 (DSA)

Creating SSH2 ECDSA key; this may take some time ...

256 SHA256:bZ3dpMssebJX20uFi3yyKOzSTjwyvEncrEXBALpMZ8E root@0769160da583 (ECDSA)

Creating SSH2 ED25519 key; this may take some time ...

256 SHA256:CUFtjMny6MiVIoBcA/r88U1/kyWgUh+MI1bonNzy6eg root@0769160da583 (ED25519)

invoke-rc.d: could not determine current runlevel

invoke-rc.d: policy-rc.d denied execution of start.

Setting up tcpd (7.6.q-25) ...

Setting up dh-python (2.20151103ubuntu1.1) ...

Setting up python3 (3.5.1-3) ...

running python rtupdate hooks for python3.5...

running python post-rtupdate hooks for python3.5...

Setting up python3-pkg-resources (20.7.0-1) ...

Setting up python3-chardet (2.3.0-2) ...

Setting up python3-six (1.10.0-3) ...

Setting up python3-urllib3 (1.13.1-2ubuntu0.16.04.1) ...

Setting up python3-requests (2.9.1-3) ...

Setting up ssh-import-id (5.5-0ubuntu1) ...

Processing triggers for libc-bin (2.23-0ubuntu7) ...

Processing triggers for ca-certificates (20160104ubuntu1) ...

Updating certificates in /etc/ssl/certs...

173 added, 0 removed; done.

Running hooks in /etc/ca-certificates/update.d...

done.

Processing triggers for systemd (229-4ubuntu16) ...

root@0769160da583:/#

root@0769160da583:/# apt-get install openssh-server -y

Reading package lists... Done

Building dependency tree

Reading state information... Done

openssh-server is already the newest version (1:7.2p2-4ubuntu2.2).

0 upgraded, 0 newly installed, 0 to remove and 10 not upgraded.

root@0769160da583:/# apt-get install vim -y

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following additional packages will be installed:

libgpm2 libpython3.5 vim-common vim-runtime

Suggested packages:

gpm ctags vim-doc vim-scripts vim-gnome-py2 | vim-gtk-py2 | vim-gtk3-py2 | vim-athena-py2 | vim-nox-py2

The following NEW packages will be installed:

libgpm2 libpython3.5 vim vim-common vim-runtime

0 upgraded, 5 newly installed, 0 to remove and 10 not upgraded.

Need to get 7679 kB of archives.

After this operation, 35.1 MB of additional disk space will be used.

Get:1 http://archive.ubuntu.com/ubuntu xenial/main amd64 libgpm2 amd64 1.20.4-6.1 [16.5 kB]

Get:2 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 vim-common amd64 2:7.4.1689-3ubuntu1.2 [103 kB]

Get:3 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 libpython3.5 amd64 3.5.2-2ubuntu0~16.04.1 [1360 kB]

Get:4 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 vim-runtime all 2:7.4.1689-3ubuntu1.2 [5164 kB]

Get:5 http://archive.ubuntu.com/ubuntu xenial-updates/main amd64 vim amd64 2:7.4.1689-3ubuntu1.2 [1036 kB]

Fetched 7679 kB in 2s (3069 kB/s)

debconf: delaying package configuration, since apt-utils is not installed

Selecting previously unselected package libgpm2:amd64.

(Reading database ... 9423 files and directories currently installed.)

Preparing to unpack .../libgpm2\_1.20.4-6.1\_amd64.deb ...

Unpacking libgpm2:amd64 (1.20.4-6.1) ...

Selecting previously unselected package vim-common.

Preparing to unpack .../vim-common\_2%3a7.4.1689-3ubuntu1.2\_amd64.deb ...

Unpacking vim-common (2:7.4.1689-3ubuntu1.2) ...

Selecting previously unselected package libpython3.5:amd64.

Preparing to unpack .../libpython3.5\_3.5.2-2ubuntu0~16.04.1\_amd64.deb ...

Unpacking libpython3.5:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Selecting previously unselected package vim-runtime.

Preparing to unpack .../vim-runtime\_2%3a7.4.1689-3ubuntu1.2\_all.deb ...

Adding 'diversion of /usr/share/vim/vim74/doc/help.txt to /usr/share/vim/vim74/doc/help.txt.vim-tiny by vim-runtime'

Adding 'diversion of /usr/share/vim/vim74/doc/tags to /usr/share/vim/vim74/doc/tags.vim-tiny by vim-runtime'

Unpacking vim-runtime (2:7.4.1689-3ubuntu1.2) ...

Selecting previously unselected package vim.

Preparing to unpack .../vim\_2%3a7.4.1689-3ubuntu1.2\_amd64.deb ...

Unpacking vim (2:7.4.1689-3ubuntu1.2) ...

Processing triggers for mime-support (3.59ubuntu1) ...

Processing triggers for libc-bin (2.23-0ubuntu7) ...

Setting up libgpm2:amd64 (1.20.4-6.1) ...

Setting up vim-common (2:7.4.1689-3ubuntu1.2) ...

Setting up libpython3.5:amd64 (3.5.2-2ubuntu0~16.04.1) ...

Setting up vim-runtime (2:7.4.1689-3ubuntu1.2) ...

Setting up vim (2:7.4.1689-3ubuntu1.2) ...

update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vim (vim) in auto mode

update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vimdiff (vimdiff) in auto mode

update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/rvim (rvim) in auto mode

update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/rview (rview) in auto mode

update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vi (vi) in auto mode

update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/view (view) in auto mode

update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/ex (ex) in auto mode

update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/editor (editor) in auto mode

Processing triggers for libc-bin (2.23-0ubuntu7) ...

root@0769160da583:/# vim /etc/ssh/sshd\_config

root@0769160da583:/# service ssh restart

\* Restarting OpenBSD Secure Shell server sshd [ OK ]

root@0769160da583:/#

root@0769160da583:/# passwd

Enter new UNIX password:

Retype new UNIX password:

passwd: password updated successfully

root@0769160da583:/#

root@docker-server:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

0769160da583 ubuntu "/bin/bash" 2 minutes ago Up 2 minutes 0.0.0.0:8022->22/tcp temp\_ssh

root@docker-server:~# docker inspect 0769160da583

[

{

"Id": "0769160da5837a4e67f00617c05ff1512d3c0f3cd7564f6dec988900b4228f36",

"Created": "2017-05-15T15:45:05.601086169Z",

"Path": "/bin/bash",

"Args": [],

"State": {

"Status": "running",

"Running": true,

"Paused": false,

"Restarting": false,

"OOMKilled": false,

"Dead": false,

"Pid": 7025,

"ExitCode": 0,

"Error": "",

"StartedAt": "2017-05-15T15:45:06.084206909Z",

"FinishedAt": "0001-01-01T00:00:00Z"

},

"Image": "sha256:f7b3f317ec734a73deca91b34c2b1e3dd7454650da9c8ef3047d29a873865178",

"ResolvConfPath": "/var/lib/docker/containers/0769160da5837a4e67f00617c05ff1512d3c0f3cd7564f6dec988900b4228f36/resolv.conf",

"HostnamePath": "/var/lib/docker/containers/0769160da5837a4e67f00617c05ff1512d3c0f3cd7564f6dec988900b4228f36/hostname",

"HostsPath": "/var/lib/docker/containers/0769160da5837a4e67f00617c05ff1512d3c0f3cd7564f6dec988900b4228f36/hosts",

"LogPath": "/var/lib/docker/containers/0769160da5837a4e67f00617c05ff1512d3c0f3cd7564f6dec988900b4228f36/0769160da5837a4e67f00617c05ff1512d3c0f3cd7564f6dec988900b4228f36-json.log",

"Name": "/temp\_ssh",

"RestartCount": 0,

"Driver": "aufs",

"MountLabel": "",

"ProcessLabel": "",

"AppArmorProfile": "",

"ExecIDs": null,

"HostConfig": {

"Binds": null,

"ContainerIDFile": "",

"LogConfig": {

"Type": "json-file",

"Config": {}

},

"NetworkMode": "default",

"PortBindings": {

"22/tcp": [

{

"HostIp": "",

"HostPort": "8022"

}

]

},

"RestartPolicy": {

"Name": "no",

"MaximumRetryCount": 0

},

"AutoRemove": false,

"VolumeDriver": "",

"VolumesFrom": null,

"CapAdd": null,

"CapDrop": null,

"Dns": [],

"DnsOptions": [],

"DnsSearch": [],

"ExtraHosts": null,

"GroupAdd": null,

"IpcMode": "",

"Cgroup": "",

"Links": null,

"OomScoreAdj": 0,

"PidMode": "",

"Privileged": false,

"PublishAllPorts": false,

"ReadonlyRootfs": false,

"SecurityOpt": null,

"UTSMode": "",

"UsernsMode": "",

"ShmSize": 67108864,

"Runtime": "runc",

"ConsoleSize": [

0,

0

],

"Isolation": "",

"CpuShares": 0,

"Memory": 0,

"NanoCpus": 0,

"CgroupParent": "",

"BlkioWeight": 0,

"BlkioWeightDevice": null,

"BlkioDeviceReadBps": null,

"BlkioDeviceWriteBps": null,

"BlkioDeviceReadIOps": null,

"BlkioDeviceWriteIOps": null,

"CpuPeriod": 0,

"CpuQuota": 0,

"CpuRealtimePeriod": 0,

"CpuRealtimeRuntime": 0,

"CpusetCpus": "",

"CpusetMems": "",

"Devices": [],

"DiskQuota": 0,

"KernelMemory": 0,

"MemoryReservation": 0,

"MemorySwap": 0,

"MemorySwappiness": -1,

"OomKillDisable": false,

"PidsLimit": 0,

"Ulimits": null,

"CpuCount": 0,

"CpuPercent": 0,

"IOMaximumIOps": 0,

"IOMaximumBandwidth": 0

},

"GraphDriver": {

"Name": "aufs",

"Data": null

},

"Mounts": [],

"Config": {

"Hostname": "0769160da583",

"Domainname": "",

"User": "",

"AttachStdin": true,

"AttachStdout": true,

"AttachStderr": true,

"ExposedPorts": {

"22/tcp": {}

},

"Tty": true,

"OpenStdin": true,

"StdinOnce": true,

"Env": [

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin"

],

"Cmd": [

"/bin/bash"

],

"ArgsEscaped": true,

"Image": "ubuntu",

"Volumes": null,

"WorkingDir": "",

"Entrypoint": null,

"OnBuild": null,

"Labels": {}

},

"NetworkSettings": {

"Bridge": "",

"SandboxID": "e2b22d5c2de1c077ac23edeba1c370b01193519b1b9768709dcc22575a4c7b9f",

"HairpinMode": false,

"LinkLocalIPv6Address": "",

"LinkLocalIPv6PrefixLen": 0,

"Ports": {

"22/tcp": [

{

"HostIp": "0.0.0.0",

"HostPort": "8022"

}

]

},

"SandboxKey": "/var/run/docker/netns/e2b22d5c2de1",

"SecondaryIPAddresses": null,

"SecondaryIPv6Addresses": null,

"EndpointID": "008daab7b1a158d8022e89889e9a6988112365a5fe8d2e9caa24290dca6a7927",

"Gateway": "172.17.0.1",

"GlobalIPv6Address": "",

"GlobalIPv6PrefixLen": 0,

"IPAddress": "172.17.0.2",

"IPPrefixLen": 16,

"IPv6Gateway": "",

"MacAddress": "02:42:ac:11:00:02",

"Networks": {

"bridge": {

"IPAMConfig": null,

"Links": null,

"Aliases": null,

"NetworkID": "0b3f75e2a2f81fdc9c80549dcbf6a634dff829bfc9fafa99320ea3a506e8b202",

"EndpointID": "008daab7b1a158d8022e89889e9a6988112365a5fe8d2e9caa24290dca6a7927",

"Gateway": "172.17.0.1",

"IPAddress": "172.17.0.2",

"IPPrefixLen": 16,

"IPv6Gateway": "",

"GlobalIPv6Address": "",

"GlobalIPv6PrefixLen": 0,

"MacAddress": "02:42:ac:11:00:02"

}

}

}

}

]

root@docker-server:~# ssh root@172.17.0.2

Warning: Permanently added '172.17.0.2' (ECDSA) to the list of known hosts.

root@172.17.0.2's password:

Welcome to Ubuntu 16.04.2 LTS (GNU/Linux 4.4.0-77-generic x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: https://landscape.canonical.com

\* Support: https://ubuntu.com/advantage

The programs included with the Ubuntu system are free software;

the exact distribution terms for each program are described in the

individual files in /usr/share/doc/\*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by

applicable law.

root@0769160da583:~#

Extend the class today to 10.40pm(wasted ten mins in setup)

Break for 10 mins

CI/CD Tool(Jenkins , TeamCity, Bamboo)

Configuration management tool (Chef, Puppet , Ansible)

Scripting Language (Python, Ruby, Shell)

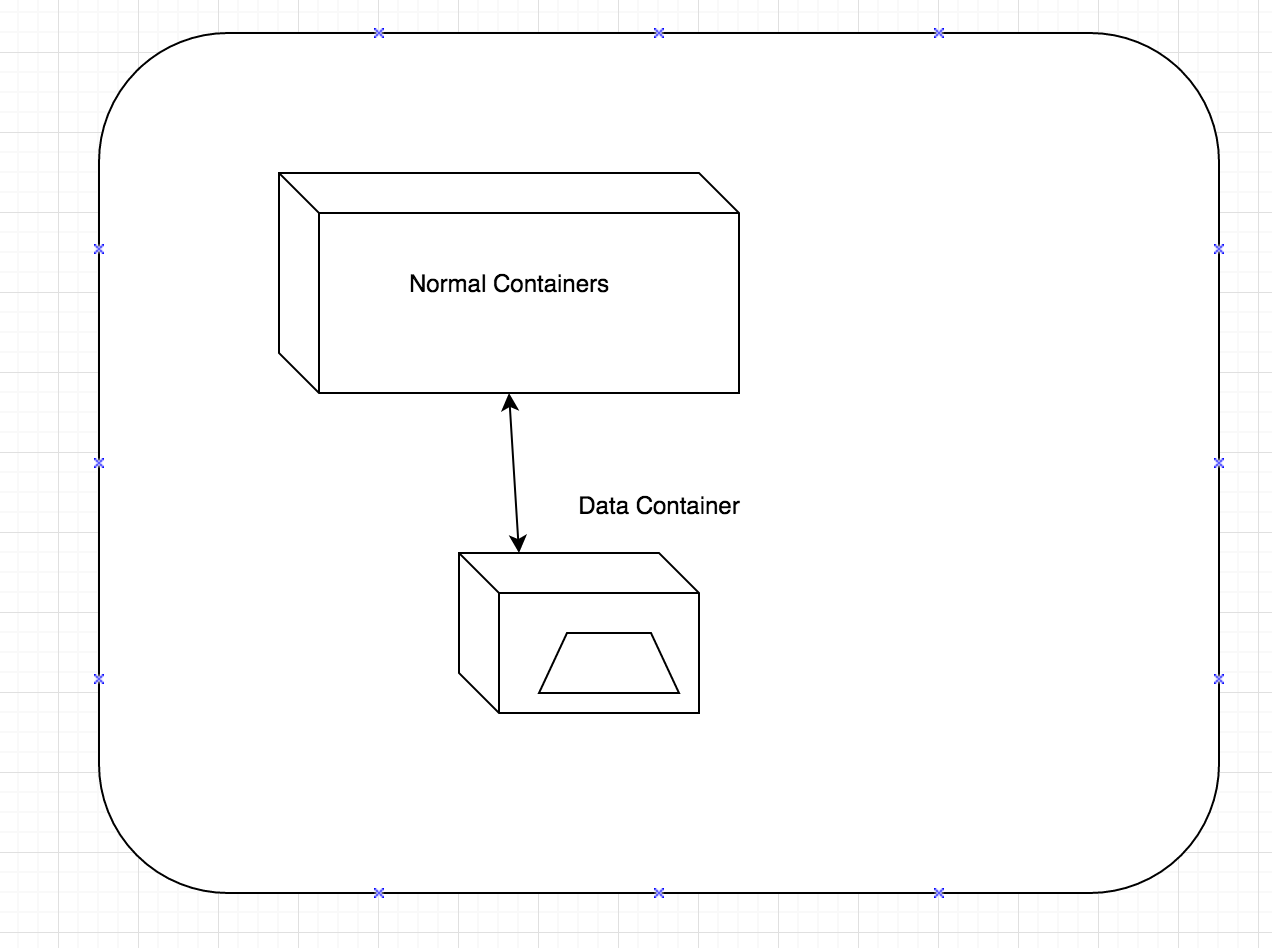
Monitoring System

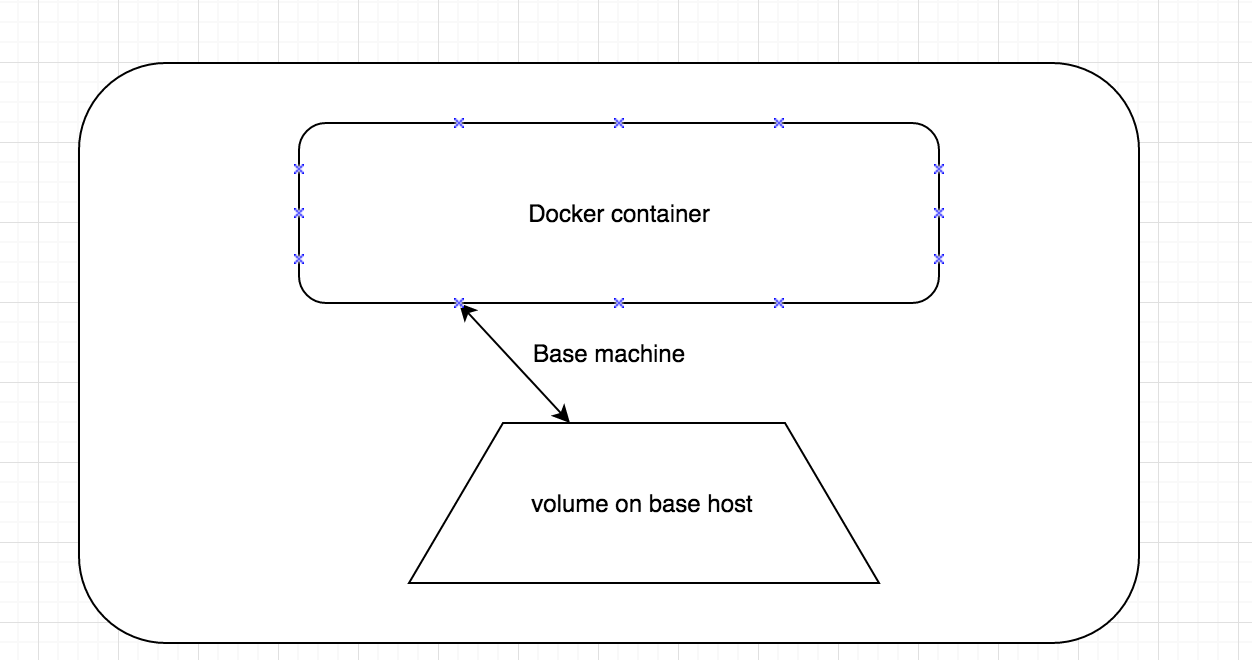
Container System(kubernetes, docker,DCOS)

Networking

VCS (Git)

Volumes:-





root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# mkdir /docker

root@docker-server:~# cd /docker/

root@docker-server:/docker# docker create -v /docker --name datacontainer ubuntu

Unable to find image 'ubuntu:latest' locally

latest: Pulling from library/ubuntu

aafe6b5e13de: Pull complete

0a2b43a72660: Pull complete

18bdd1e546d2: Pull complete

8198342c3e05: Pull complete

f56970a44fd4: Pull complete

Digest: sha256:f3a61450ae43896c4332bda5e78b453f4a93179045f20c8181043b26b5e79028

Status: Downloaded newer image for ubuntu:latest

dd73f41f04e7205266b2c9f8495f18667900b186692d3e4471cb220b33cd260e

root@docker-server:/docker#

root@docker-server:/docker#

root@docker-server:/docker# docker -a s

unknown shorthand flag: 'a' in -a

See 'docker --help'.

Usage: docker COMMAND

A self-sufficient runtime for containers

Options:

--config string Location of client config files (default "/root/.docker")

-D, --debug Enable debug mode

--help Print usage

-H, --host list Daemon socket(s) to connect to (default [])

-l, --log-level string Set the logging level ("debug", "info", "warn", "error", "fatal") (default "info")

--tls Use TLS; implied by --tlsverify

--tlscacert string Trust certs signed only by this CA (default "/root/.docker/ca.pem")

--tlscert string Path to TLS certificate file (default "/root/.docker/cert.pem")

--tlskey string Path to TLS key file (default "/root/.docker/key.pem")

--tlsverify Use TLS and verify the remote

-v, --version Print version information and quit

Management Commands:

checkpoint Manage checkpoints

container Manage containers

image Manage images

network Manage networks

node Manage Swarm nodes

plugin Manage plugins

secret Manage Docker secrets

service Manage services

stack Manage Docker stacks

swarm Manage Swarm

system Manage Docker

volume Manage volumes

Commands:

attach Attach to a running container

build Build an image from a Dockerfile

commit Create a new image from a container's changes

cp Copy files/folders between a container and the local filesystem

create Create a new container

deploy Deploy a new stack or update an existing stack

diff Inspect changes to files or directories on a container's filesystem

events Get real time events from the server

exec Run a command in a running container

export Export a container's filesystem as a tar archive

history Show the history of an image

images List images

import Import the contents from a tarball to create a filesystem image

info Display system-wide information

inspect Return low-level information on Docker objects

kill Kill one or more running containers

load Load an image from a tar archive or STDIN

login Log in to a Docker registry

logout Log out from a Docker registry

logs Fetch the logs of a container

pause Pause all processes within one or more containers

port List port mappings or a specific mapping for the container

ps List containers

pull Pull an image or a repository from a registry

push Push an image or a repository to a registry

rename Rename a container

restart Restart one or more containers

rm Remove one or more containers

rmi Remove one or more images

run Run a command in a new container

save Save one or more images to a tar archive (streamed to STDOUT by default)

search Search the Docker Hub for images

start Start one or more stopped containers

stats Display a live stream of container(s) resource usage statistics

stop Stop one or more running containers

tag Create a tag TARGET\_IMAGE that refers to SOURCE\_IMAGE

top Display the running processes of a container

unpause Unpause all processes within one or more containers

update Update configuration of one or more containers

version Show the Docker version information

wait Block until one or more containers stop, then print their exit codes

Run 'docker COMMAND --help' for more information on a command.

root@docker-server:/docker# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

dd73f41f04e7 ubuntu "/bin/bash" 10 seconds ago Created datacontainer

root@docker-server:/docker# docker run -t -i --volumes-from datacontainer ubuntu /bin/bash

root@76ef86992055:/#

root@76ef86992055:/#

root@76ef86992055:/# cd /docker/

root@76ef86992055:/docker# touch edurekatest.txt

root@76ef86992055:/docker# exit

exit

root@docker-server:/docker# docker run -t -i --volumes-from datacontainer ubuntu /bin/bash

root@1f36c944a132:/# cd /docker/

root@1f36c944a132:/docker# ls -lrth

total 0

-rw-r--r-- 1 root root 0 May 15 16:14 edurekatest.txt

root@1f36c944a132:/docker#

root@1f36c944a132:/docker#

root@1f36c944a132:/docker#

root@docker-server:/docker# docker rm -f $(docker ps -aq)  
1f36c944a132  
76ef86992055  
dd73f41f04e7  
root@docker-server:/docker#   
root@docker-server:/docker#   
root@docker-server:/docker#   
  
root@docker-server:/docker# docker rm -f $(docker ps -aq)

1f36c944a132

76ef86992055

dd73f41f04e7

root@docker-server:/docker#

root@docker-server:/docker#

root@docker-server:/docker# cd

root@docker-server:~# mkdir ^C

root@docker-server:~# cd ~

root@docker-server:~# mkdir nginxlog

root@docker-server:~# mkdir nginxlogs

root@docker-server:~# rm -rfv nginxlog

removed directory 'nginxlog'

root@docker-server:~# ls -lrth

total 4.0K

drwxr-xr-x 2 root root 4.0K May 15 21:46 nginxlogs

root@docker-server:~# docker run -d -v /root/nginxlogs/:/var/log/nginx -p 5000:80 -i nginx

Unable to find image 'nginx:latest' locally

latest: Pulling from library/nginx

ff3d52d8f55f: Pull complete

b05436c68d6a: Pull complete

961dd3f5d836: Pull complete

Digest: sha256:12d30ce421ad530494d588f87b2328ddc3cae666e77ea1ae5ac3a6661e52cde6

Status: Downloaded newer image for nginx:latest

8d421971e861100a8b7fa84385f13d5e5102dbfe9acf522b9d8819ffb689557d

root@docker-server:~# cd nginxlogs/

root@docker-server:~/nginxlogs# tailf access.log

192.168.1.6 - - [15/May/2017:16:17:42 +0000] "GET / HTTP/1.1" 200 612 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:17:43 +0000] "GET /favicon.ico HTTP/1.1" 404 571 "http://192.168.1.25:5000/" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:18:01 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:18:03 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:18:05 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:18:05 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:18:06 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:18:06 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:18:06 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:18:06 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

192.168.1.6 - - [15/May/2017:16:18:07 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_12\_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/57.0.2987.133 Safari/537.36" "-"

^C

root@docker-server:~/nginxlogs# ^C

root@docker-server:~/nginxlogs#

Docker file:-

You cant always use the ready made

FROM --get the starting point

MAINTAINER-- the one who is the creator fo the file

ADD--add custom files to your docker images

CMD--Run commands(container is instantiated)

ENTRYPOINT-first command which is run

ENV--set up environment varibales using this commands

EXPOSE--Exposing the ports

USER--USER 1000

RUN--Run commands (container is being built)

VOLUME--mount a volume into the container

FROM ubuntu

MAINTAINER [aamir.ahmad170@gmail.com](mailto:aamir.ahmad170@gmail.com)

RUN apt-get update -y

RUN apt-get install openssh-server -y

RUN apt-get install apache2 -y

RUN mkdir /var/run/sshd

RUN echo ‘root:root | chpasswd

RUN sed -ri ‘s/^PermitRootLogin\s+.\*/PermitRootLogin yes/’ /etc/ssh/sshd\_config

RUN sed -ri ‘s/UsePAM yes/#UsePAM yes/g’ /etc/ssh/sshd\_config

EXPOSE 22

EXPOSE 80 443

CMD [“nginx”, “-g”, “daemon off;”]

CMD [“/usr/sbin/sshd”,”-D”]

Run tomcat container in build pipeline

Run this as a excete shell command on jenkins machine

vim docker file

From tomcat:8-jre8

MAINTAINER "aamir.ahmad170@gmail.com"

ADD addressbook.war /usr/local/tomcat/webapps/

docker build -t webserver .

Intergate the pipeline

Gitlab + Jenkins +Docker

00f - copy artifact build

sudo ansible local -m shell -a "cp /var/lib/jenkins/workspace/00e\ --\ qa\ package/target/addressbook.war /opt"

sudo ansible docker -m copy -a "src=/opt/addressbook.war dest=/root/addressbook.war"

root@docker-server:~# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

root@docker-server:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

root@docker-server:~# vim docker

root@docker-server:~# vim dockerfile

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# cp dockerfile /opt/

root@docker-server:~# vim dockerfile

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# docker build -t webserver .

Sending build context to Docker daemon 72.7 kB

Step 1/3 : FROM tomcat:8-jre8

8-jre8: Pulling from library/tomcat

10a267c67f42: Pull complete

fb5937da9414: Pull complete

f131c9b3ecc4: Pull complete

f59cc3b26f35: Pull complete

63df868a0518: Pull complete

83282147e192: Pull complete

0405f12cbd05: Pull complete

9ba1eb08712b: Pull complete

64d7b776f3bc: Pull complete

f527871bb67a: Pull complete

93e9e0ca3114: Pull complete

670e366c3dd4: Pull complete

44c54d514f30: Pull complete

6a133c25c2d3: Pull complete

Digest: sha256:8d84a13fe2db25e2502370f52d4f5cbe8ec1429f8f63bc23c892cc0f7548dd30

Status: Downloaded newer image for tomcat:8-jre8

---> a0fd548664d9

Step 2/3 : MAINTAINER "aamir.ahmad170@gmail.com"

---> Running in 2afc91aa26fb

---> 900b8a4e4209

Removing intermediate container 2afc91aa26fb

Step 3/3 : ADD addressbook.war /usr/local/tomcat/webapps/

lstat addressbook.war: no such file or directory

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# apt-get python2.7 -y

E: Command line option 'y' [from -y] is not understood in combination with the other options.

root@docker-server:~# apt-get python27 -y

E: Command line option 'y' [from -y] is not understood in combination with the other options.

root@docker-server:~# apt-get install python2.7 -y

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following additional packages will be installed:

libpython2.7-minimal libpython2.7-stdlib python2.7-minimal

Suggested packages:

python2.7-doc binutils binfmt-support

The following NEW packages will be installed:

libpython2.7-minimal libpython2.7-stdlib python2.7 python2.7-minimal

0 upgraded, 4 newly installed, 0 to remove and 0 not upgraded.

Need to get 3,743 kB of archives.

After this operation, 15.8 MB of additional disk space will be used.

Get:1 http://in.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libpython2.7-minimal amd64 2.7.12-1ubuntu0~16.04.1 [339 kB]

Get:2 http://in.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python2.7-minimal amd64 2.7.12-1ubuntu0~16.04.1 [1,295 kB]

Get:3 http://in.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libpython2.7-stdlib amd64 2.7.12-1ubuntu0~16.04.1 [1,884 kB]

Get:4 http://in.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python2.7 amd64 2.7.12-1ubuntu0~16.04.1 [224 kB]

Fetched 3,743 kB in 2s (1,420 kB/s)

Selecting previously unselected package libpython2.7-minimal:amd64.

(Reading database ... 92423 files and directories currently installed.)

Preparing to unpack .../libpython2.7-minimal\_2.7.12-1ubuntu0~16.04.1\_amd64.deb ...

Unpacking libpython2.7-minimal:amd64 (2.7.12-1ubuntu0~16.04.1) ...

Selecting previously unselected package python2.7-minimal.

Preparing to unpack .../python2.7-minimal\_2.7.12-1ubuntu0~16.04.1\_amd64.deb ...

Unpacking python2.7-minimal (2.7.12-1ubuntu0~16.04.1) ...

Selecting previously unselected package libpython2.7-stdlib:amd64.

Preparing to unpack .../libpython2.7-stdlib\_2.7.12-1ubuntu0~16.04.1\_amd64.deb ...

Unpacking libpython2.7-stdlib:amd64 (2.7.12-1ubuntu0~16.04.1) ...

Selecting previously unselected package python2.7.

Preparing to unpack .../python2.7\_2.7.12-1ubuntu0~16.04.1\_amd64.deb ...

Unpacking python2.7 (2.7.12-1ubuntu0~16.04.1) ...

Processing triggers for man-db (2.7.5-1) ...

Processing triggers for mime-support (3.59ubuntu1) ...

Setting up libpython2.7-minimal:amd64 (2.7.12-1ubuntu0~16.04.1) ...

Setting up python2.7-minimal (2.7.12-1ubuntu0~16.04.1) ...

Linking and byte-compiling packages for runtime python2.7...

Setting up libpython2.7-stdlib:amd64 (2.7.12-1ubuntu0~16.04.1) ...

Setting up python2.7 (2.7.12-1ubuntu0~16.04.1) ...

root@docker-server:~# ln -s /usr/bin/python2.7 /usr/bin/python

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# ls -lrth

total 16M

drwxr-xr-x 2 root root 4.0K May 15 21:47 nginxlogs

-rw-r--r-- 1 root root 104 May 15 22:13 dockerfile

-rw-r--r-- 1 root root 16M May 15 22:15 addressbook.war

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# docker build -t webserver .

Sending build context to Docker daemon 16.61 MB

Step 1/3 : FROM tomcat:8-jre8

---> a0fd548664d9

Step 2/3 : MAINTAINER "aamir.ahmad170@gmail.com"

---> Using cache

---> 900b8a4e4209

Step 3/3 : ADD addressbook.war /usr/local/tomcat/webapps/

---> 49d438cbb643

Removing intermediate container 74babc67fe3c

Successfully built 49d438cbb643

root@docker-server:~# docker run -d -p 8080:8080 --name dockerwar webserver

docker: Error response from daemon: Conflict. The container name "/dockerwar" is already in use by container 994fb8e12ed889619f7e560fb68916155321e39dfae16f2242e29164a94b334e. You have to remove (or rename) that container to be able to reuse that name..

See 'docker run --help'.

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# docker rm $(docker ps -aq)

Error response from daemon: You cannot remove a running container 994fb8e12ed889619f7e560fb68916155321e39dfae16f2242e29164a94b334e. Stop the container before attempting removal or use -f

root@docker-server:~# docker rm -f $(docker ps -aq)

994fb8e12ed8

root@docker-server:~# docker run -d -p 8080:8080 --name dockerwar webserver

d64eea8e85a31c4e1eb0bb75e1523825e1213fabad008a370504d70daef02d52

root@docker-server:~#

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# ifconfig

docker0 Link encap:Ethernet HWaddr 02:42:1c:f4:f2:c5

inet addr:172.17.0.1 Bcast:0.0.0.0 Mask:255.255.0.0

inet6 addr: fe80::42:1cff:fef4:f2c5/64 Scope:Link

UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1

RX packets:19755 errors:0 dropped:0 overruns:0 frame:0

TX packets:25070 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:0

RX bytes:1130408 (1.1 MB) TX bytes:132980637 (132.9 MB)

enp0s3 Link encap:Ethernet HWaddr 08:00:27:1d:2f:2e

inet addr:192.168.1.25 Bcast:192.168.1.255 Mask:255.255.255.0

inet6 addr: fe80::a00:27ff:fe1d:2f2e/64 Scope:Link

UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1

RX packets:1248 errors:0 dropped:0 overruns:0 frame:0

TX packets:9 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:1000

RX bytes:194215 (194.2 KB) TX bytes:990 (990.0 B)

enp0s8 Link encap:Ethernet HWaddr 08:00:27:a3:89:4c

inet addr:192.168.1.24 Bcast:192.168.1.255 Mask:255.255.255.0

inet6 addr: fe80::a00:27ff:fea3:894c/64 Scope:Link

UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1

RX packets:475354 errors:0 dropped:0 overruns:0 frame:0

TX packets:136282 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:1000

RX bytes:695656410 (695.6 MB) TX bytes:10395479 (10.3 MB)

lo Link encap:Local Loopback

inet addr:127.0.0.1 Mask:255.0.0.0

inet6 addr: ::1/128 Scope:Host

UP LOOPBACK RUNNING MTU:65536 Metric:1

RX packets:160 errors:0 dropped:0 overruns:0 frame:0

TX packets:160 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:1

RX bytes:11840 (11.8 KB) TX bytes:11840 (11.8 KB)

vethce4544d Link encap:Ethernet HWaddr f6:fd:95:77:e1:ed

inet6 addr: fe80::f4fd:95ff:fe77:e1ed/64 Scope:Link

UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1

RX packets:5 errors:0 dropped:0 overruns:0 frame:0

TX packets:5 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:0

RX bytes:418 (418.0 B) TX bytes:418 (418.0 B)

root@docker-server:~# docker rm -f $(docker ps -aq)

d64eea8e85a3

root@docker-server:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

root@docker-server:~#

root@docker-server:~#

root@docker-server:~# docker run -d -p 8080:8080 --name dockerwar webserver^C

root@docker-server:~# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

webserver latest 49d438cbb643 About a minute ago 383 MB

tomcat 8-jre8 a0fd548664d9 5 days ago 367 MB

root@docker-server:~# docker rmi 49d438cbb643

Untagged: webserver:latest

Deleted: sha256:49d438cbb643223c5f2d9d35722c311d3c5b2505549f77994482e5b1028327e8

Deleted: sha256:600807b5e96b4fecbe1c71b86f04069672a3e6e09210560d23af22f6f1faeb82

Deleted: sha256:900b8a4e4209430e404356d6914991913eb4fb17f195e5b7482fb96e93988c01

root@docker-server:~# docker rmi a0fd548664d9

Untagged: tomcat:8-jre8

Untagged: tomcat@sha256:8d84a13fe2db25e2502370f52d4f5cbe8ec1429f8f63bc23c892cc0f7548dd30

Deleted: sha256:a0fd548664d9be259b9ae50dbd39deee4b54ee8d2262a28df7bb54d2371cd365

Deleted: sha256:cec2467637d93270d0331e53d3473c99f3e34c19b1422dde1f42cea12147195a

Deleted: sha256:b9c0840e443ac5e3f50dabf52531c68bef53e2457075a6a3ea5e23642fa6f0d7

Deleted: sha256:5ce80753e87d6f4055858e33095f7edad9b75ce39f55358baa7781895104c193

Deleted: sha256:c4a14648f05b16e1ed904fd88849219254acf38ad8804ae69fc49037b8b10ed8

Deleted: sha256:22f07a699e8baf1db0e59f826a76f71d0cd2a040521d79e7900cf65e0a1ebb1e

Deleted: sha256:10d47c0d370078e3d9feaa32f9349202d709a8b6f2bd6d2aa6ee6ee6ca570aa7

Deleted: sha256:705616c4913d4abbf3c9867370af6adb791d4e3a3f4514fd0f7fd74663d16bec

Deleted: sha256:3d66f37a80a83a83929fa2542d15c59f73458faae4c73ecef306aeb1b18cabc3

Deleted: sha256:b622a525a34ee927b59123dd173e66e89fc25b6333399d9acb186ecc155b6b0e

Deleted: sha256:9072570bd39612528d9cdf13f5299f53f857928821761e0174667ec253f52923

Deleted: sha256:0340bb8d4a962132657bbc096bd375e808f1085d4335a3442e7007dd7282de77

Deleted: sha256:9ed60c85580aae71a7414ad2cbebeded538801bf8ee427be167ebd1220db76b2

Deleted: sha256:10fe56cc338ddcf34cf8e29efd0512d076b3e5f1df99775a230c78b49a4eae68

Deleted: sha256:8d4d1ab5ff74fc361fb74212fff3b6dc1e6c16d1e1f0e8b44f9a9112b00b564f

root@docker-server:~# docker build -t webserver .

Sending build context to Docker daemon 16.61 MB

Step 1/3 : FROM tomcat:8-jre8

8-jre8: Pulling from library/tomcat

10a267c67f42: Pull complete

fb5937da9414: Pull complete

f131c9b3ecc4: Pull complete

f59cc3b26f35: Pull complete

63df868a0518: Pull complete

83282147e192: Pull complete

0405f12cbd05: Pull complete

9ba1eb08712b: Pull complete

64d7b776f3bc: Pull complete

f527871bb67a: Pull complete

93e9e0ca3114: Pull complete

670e366c3dd4: Pull complete

44c54d514f30: Pull complete

6a133c25c2d3: Pull complete

Digest: sha256:8d84a13fe2db25e2502370f52d4f5cbe8ec1429f8f63bc23c892cc0f7548dd30

Status: Downloaded newer image for tomcat:8-jre8

---> a0fd548664d9

Step 2/3 : MAINTAINER "aamir.ahmad170@gmail.com"

---> Running in ba5edffa79b3

---> 1d98ec23ee6d

Removing intermediate container ba5edffa79b3

Step 3/3 : ADD addressbook.war /usr/local/tomcat/webapps/

---> f23f6762530d

Removing intermediate container 3e72906922cd

Successfully built f23f6762530d

root@docker-server:~#

root@docker-server:~# docker run -d -p 8080:8080 --name dockerwar webserver^C

root@docker-server:~# dokcer images

dNo command 'dokcer' found, did you mean:

Command 'docker' from package 'docker.io' (universe)

dokcer: command not found

root@docker-server:~# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

webserver latest f23f6762530d 8 seconds ago 383 MB

tomcat 8-jre8 a0fd548664d9 5 days ago 367 MB

root@docker-server:~# docker run -d -p 8080:8080 --name dockerwar webserver

f4237b523dcf5b0998526470f9879d5ee8e744802fb5be32b6ad22a03d9e9269

root@docker-server:~#