

# Computer Networks Lab

## Lab Task-3

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```
1: root@zed-box: /
root@zed-box: /# ping 172.19.0.2
PING 172.19.0.2 (172.19.0.2): 56 data bytes
64 bytes from 172.19.0.2: icmp_seq=0 ttl=64 time=0.313 ms
64 bytes from 172.19.0.2: icmp_seq=1 ttl=64 time=0.206 ms
64 bytes from 172.19.0.2: icmp_seq=2 ttl=64 time=0.267 ms
^C--- 172.19.0.2 ping statistics ---
3 packets transmitted, 3 packets received, 0% packet loss
round-trip min/avg/max/stddev = 0.206/0.262/0.313/0.044 ms
root@zed-box: /# ping 172.18.0.2
PING 172.18.0.2 (172.18.0.2): 56 data bytes
64 bytes from 172.18.0.2: icmp_seq=0 ttl=64 time=0.299 ms
64 bytes from 172.18.0.2: icmp_seq=1 ttl=64 time=0.182 ms
64 bytes from 172.18.0.2: icmp_seq=2 ttl=64 time=0.192 ms
^C--- 172.18.0.2 ping statistics ---
3 packets transmitted, 3 packets received, 0% packet loss
round-trip min/avg/max/stddev = 0.182/0.224/0.299/0.053 ms
2: root@16b0fe9aa6df: /
root@16b0fe9aa6df: /# echo "Customer"
Customer
root@16b0fe9aa6df: /#
3: root@eb6b5ab0d48b: /
root@eb6b5ab0d48b: /# echo "Production"
Production
root@eb6b5ab0d48b: /#
```

```
(anaconda3) → ~ docker network ls
NETWORK ID          NAME                DRIVER              SCOPE
e9b721d1ad7a        bridge              bridge              local
1484877d2e98        customer            bridge              local
7c5c540696ec        host                host                local
f3ef8aa33ed1        none                null                local
e45811e22f70        production          bridge              local
(anaconda3) → ~
```

```
(anaconda3) → ~ docker ps -a
CONTAINER ID        IMAGE               COMMAND              CREATED            STATUS              PORTS              NAMES
abc78517a523       ubuntu             "/bin/bash"         25 hours ago      Up About an hour                  admin
eb6b5ab0d48b       ubuntu             "/bin/bash"         28 hours ago      Up About an hour                  customer1
16b0fe9aa6df       ubuntu             "/bin/bash"         28 hours ago      Up About an hour                  prod1
0c7eec443255       hello-world        "/hello"             33 hours ago      Exited (0) 33 hours ago          sad_pare
(anaconda3) → ~
```