



SKILL BASED

IT TRAINING

AS441

ADVANCED SERVER SUPPORT 1
PROFESSIONAL DEGREE IN IT SUPPORT

Total: 35 marks

QUESTION:

1. What is the possible physical security can implement in a company for a protection?
(6 marks)
2. What is the possible network security can implement in a company for a protection?
(6 marks)
3. How many ports are there in network? State the top 10 ports and the protocol.
(10 marks)
4. Figure 1 shows docker command. What is the output?

```
lamp@lamp10:~$ sudo docker run localhost:5000/hello-world
```

Figure 1

(2 marks)

5. Figure 2 pull complete status. What does it mean pull complete. What's happening in Figure 2?

```
lamp@lamp10:~$ sudo docker run -d --rm -p 3000:3000 localhost:5000/juice-shop
Unable to find image 'localhost:5000/juice-shop:latest' locally
latest: Pulling from juice-shop
0ae724ff3fcd: Pull complete
5fd2bdfdbf4b: Pull complete
80b224d472a8: Pull complete
e21405c347ae: Pull complete
779963054d82: Pull complete
22061d94b60c: Pull complete
b26dd1f3b6f4: Pull complete
667afdlfd79c: Pull complete
Digest: sha256:4e6bd6e3b3161bfa6a0ef3fc2963edc1ff06640b1742fc6125bf9bb9b1dd1187
Status: Downloaded newer image for localhost:5000/juice-shop:latest
27bc4e6aee4f68a7alc03abla18c923f2488d4a8a23b9615de4a775b0d40993b
lamp@lamp10:~$
```

Figure 2

(5 marks)

6. Figure 3 shows No such container: Harvent. Why the error is showing and how to solve it?

```
lamp@lamp10:~$ sudo docker container list
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS                    NAMES
27bc4e6aee4f   localhost:5000/juice-shop   "docker-entrypoint.s..."   3 minutes ago   Up 3 minutes   0.0.0.0:3000->3000/tcp    competent_bardeen
51b82ae9af26   registry:2   "/entrypoint.sh /etc..."   2 years ago     Up 8 minutes   0.0.0.0:5000->5000/tcp    51support
lamp@lamp10:~$ sudo docker stop Harvent
Error response from daemon: No such container: Harvent
lamp@lamp10:~$
```

Figure 3

(6 marks)