Docker Advanced topics

Containers that are running can be listened using this command 1 point \$ docker ps \$ docker container Is -a \$ docker ps -a Which of the following is the native clustering for Docker? 1 point

- Docker Hub
- **Docker Cloud**
- Kubernetes
- Docker Swarm

Which of the following is a text document that contains all commands a user could call on the command line to assemble an image?	1 point
O Docker Compose	
Dockerfile	
O Docker Kitematic	
O Docker Cloud	
How many private repos are allowed for an individual on Docker Hub	1 point
1	
O 2	
○ 3	
O 4	
What port does Docker registry use?	1 point
oport 3000	
o port 5000	
oport 8000	

What Dockerfile instruction must first appear in the file?	1 point
○ IMAGE	
○ ENV	
● FROM	
RUN	
How to find container metadata location using Docker commands?	1 point
ocker build	
o docker inspect	
odocker version	
odocker info	
What is Docker Swarm?	1 point
Container orchestration tool	
read only template	
centralisation platform	
None of the above	

How to use JSON instead of YAML compose file?	1 point
odocker push myorg/img	
/var/lib/docker/volumes	
systemctl start/stop docker	
o docker-compose -f docker-compose.json up	
Which command is map port 80 in the container to port 5001 on the Docker host?	1 point
o docker run -p 5001:80	
docker run -p 80:5001	
docker run expose 80:5001	
docker run expose 5001:80	
Which of the following commands will successfully build an image with the name "myimage" containing Dockerfile in current directory?	1 point
o docker build -t myimage .	
docker buildtag-image myimage .	
docker build -n myimage .	

What format does Docker use to export images?	1 point
image iso zip tar	
dmg	
What command line switch can be used to define a custom Dockerfile name (such as dockerfile.node) when building a custom image?	1 point
-f	
○ -t	
-customfile	
Which command allows you to access the live output of processes running inside a container?	1 point
O docker exec	
O docker inspect	
O docker run	
o docker attach	

A docker has a "thin R/W layer."	1 point
File	
Container	
O Image	
None of these	
What is a benifit for a developer using docker?	1 point
Standardization and Productivity	
Compatibility and Maintainability	
Efficiency & Rapid Development	
All of the above	
Which is not true about docker hub?	1 point
The hub is a network service	
It is a totally private repository	
It gives access to Docker images	
O Docker Hub is a network storage	

Docker registry is a place to store and distribute docker	1 point
Files	
Codes	
Images	
All of the aabove	
You've been tasked with authoring a Dockerfile image which will encapsulate numerous networking tools which will be used to troubleshoot communication between containers. Which Dockerfile instruction(s) is, or are, best suited for defining what a derived container will execute?	1 point
The ENTRYPOINT instruction, because the CMD instruction requires the presence of /bin/bash, whereas the ENTRYPOINT instruction does not.	
A combination of the CMD and ENTRYPOINT instructions, because it's always necessary to provide default execution parameter.	de a
The CMD instruction, because the image is multi-purpose in nature.	
What options are available for getting source code into Docker containers?	1 point
Use the Dockerfile "EMBEDCODE" instruction	
Create a custom container with the source code and use the "mount" command to point to your d machine.	ev
Create a custom docker image with the source code or create a data volume pointing to your dev machine.	
None of these	

Which component of the Docker interfaces with kernel primitives that are used to build containers	1 point
O Docker daemon	
The OCI layer (runc)	
The REST API	

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