**DOCKER PRACTICE EXAM 2**

1. Where is the default location of the docker daemon configuration file?
2. /opt/docker/daemon.json
3. /etc/docker/config/daemon.json
4. /etc/docker/daemon.json
5. /etc/docker/daemon/config.json
6. When installing UCP on a host,docker requires that specific ports are open. Which port that used by docker for TLS proxy provides access to UCP,Docker Engine, and Docker Swarm?
7. TCP/12380
8. TCP/12379
9. TCP/12376
10. TCP/12379
11. What is the maximum timeout for raft consensus between manager nodes?
12. 4000ms
13. 5000ms
14. 10000ms
15. 90000ms
16. Before installing UCP, make sure that all nodes that UCP manager are:
17. Have an internet connection
18. Running the same version of Docker Engine
19. Use insecure registries
20. Dynamic IP addresses for all nodes
21. What is the service that automatically starts serving all UCP components,including the UCP web UI and data stores used by UCP?
22. Ucp-daemon
23. Docker-engine
24. Ucp-agent
25. Docker-ucp
26. What is the service that performs scheduled LDAP synchronizations and cleans authentication and authorization data?
27. Ucp-auth-api
28. Ucp-engine
29. Ucp-agent
30. Ucp-auth-worker
31. Which log drivers writes log messages as Event Tracing for Windows(ETW) events?
32. Etwlogs
33. Dockeretw
34. Logentries
35. Syslog
36. Which docker’s technology allows docker engine to share available hardware resource to containers and optionally enforce limits and constraints?
37. Aufs
38. Cgroups
39. Namespace
40. Libcontainer
41. Which one of the following commands enables you to scale one or more replicated services either up or down to the desired number of replicas?
42. Scale
43. Replica
44. Join
45. Swarm
46. Which algorithm does docker use to make manage the global cluster state?
47. Rough Convention
48. Raft Consensus
49. Semi-Distributed Consensus
50. Round-robin
51. Which one of the following commands displays detailed information on one or more nodes?
52. Docker node info
53. Docker node inspect
54. Docker node ps
55. Docker node ls
56. Which one of the following commands deploys a new stack or update an existing stack?
57. Docker stack attach
58. Docker stack update
59. Docker stack services
60. Docker stack deploy
61. Which one of the following commands is used to connect a running container to multiple networks?
62. Docker network attach
63. Docker network join
64. Docker network connect
65. Docker network attach
66. Which one of the following command to create a swarm then configures the manager node to publish its address at specific IP?
67. Docker swarm init-expose<IP\_ADDRESS>
68. Docker swarm init --advertise-addr<IP\_ADDRESS>
69. Docker swarm connect<IP\_ADDRESS>
70. Docker swarm –publish-addr<IP\_ADDRESS>
71. Which command-line flag will enable the user to create a new container mount from a specific volume?
72. –volume
73. –volumes-from
74. –mount-from
75. –mounted-in
76. Where is the default directory that used by docker manager to store the swarm state and manager logs?
77. /var/lib/docker/swarm/
78. /var/lib/docker/swarm/logs
79. /var/log/docker/swarm/
80. /var/lib/docker/logs/
81. Which command-line flag will enable autolocking of swarm manager nodes when docker restarts?
82. –auto-lock
83. –autolock
84. –enable-autolock
85. –enable-auto-lock
86. What is default docker database mode to store login token from local client to the swarm nodes where the service is deployed?
87. Plain-text file
88. Encrypted md5
89. Encrypted WAL logs
90. Encrypted AES logs
91. How many tokens will manager node generate when you join additional node to the swarm?
92. One.worker token only
93. One.manager token only
94. Two.one worker token and one manager token
95. None of the these
96. If you want to mount windows directory C:\Projects\webapp into docker using centos baseimage,what is the correct syntax?
97. $ docker run - -ti –rm –v //c/Projects/webapp:/opt/webapp centos
98. $ docker run –ti –rm –v /opt/webapp:/c/Projects/webapp centos
99. $ docker run – ti –rm –v ”c:/Projects/webapp:/opt/webapp”centos
100. $ docker run –ti —rm –v -mount c/Users/Chris/Projects/webapps:/opt/webapp centos
101. Which driver uses block devices dedicated to docker and operates at the block level,rather than file level?
102. SELinux
103. LXC
104. Devicemapper
105. IPC
106. The devicemapper storage driver uses an allocate-on-demand operation to allocate new blocks from the thin pool into a container’s writable layer.What is the size of each block?
107. 256K
108. 128K
109. 64K
110. 32K
111. Which parameter specifies the percentage of space used before lvm attempts to auto extend the available space?
112. Thin\_pool\_autoextend\_storage
113. Thin\_pool\_autoextend\_threshold
114. Thin\_pool\_autoextend\_percent
115. Thin\_pool\_autoextend\_lvm
116. Which parameter specifies the amount to add to the device when automatically extending?
117. Thin\_pool\_autoextend\_storage
118. Thin\_pool\_autoextend\_threshold
119. Thin\_ppol\_autoextend\_percent
120. Thin\_pool\_autoextend\_lvm
121. Which options command tells the container to destroy itself as soon as it finishes?
122. –d
123. –rm
124. –ti
125. –it

26.Which options command connects two containers?

a)-d

b)—ti

c)—link

d)—connect

27)Which one of the following dockerfile instructions moves a file/folder into the image but does not work on remote files?

a)ADD

b)ARCHIEVE

c)copy

d)VOLUME

28)Which command that reconnects to a container that is running in the background?

a) $docker connect

b) $docker link

c) $docker attach

d) $docker start

29)Which command will save a layer and make a new image from the running or stopped container?

a)$docker archieve

b)$docker commit

c)$docker build

d)$docker export

30)To look for files which changed since the container started which command would you use?

a)imagestreams

b)layer

c)diff

d)tree

31)Which docker restart policies ensure docker restarts the container if it fails nonzero exit code?

a)no

b)always

c)restart

d)on-failure

32)Which command views the approximate size of a running container?

a)docker ps –s

b)docker ls

c)docker info container

d)docker images

33)In docker content trust,which key enables creators can push or pull any tags in a specific repository and resides on the client-side?

a)Repository key

b)tagging key

c)offline key

d)timestamp key

34)If content trust enabled for the first time,which one of the following keys will not be generated automatically for the image repository?

a)root

b)target

c)offline

d)timestamp

35)If you want to map 5672 on the host to port 80 on the container,which is the correct syntax?

a)$docker run –ti –portforward 5672:80 ubuntu /bin/bash

b)$docker run –ti –80:5672 ubuntu /bin/bash

c) $docker run –ti –p 80:5672 ubuntu /bin/bash

d) $docker run –ti –p 5672:80 ubuntu /bin/bash

36)Which one of the following ports needs to be open for container ingress network?

a)3789

b)6789

c)5789

d)4789

37)When you initialize a swarm,which one of the new networks connects the individual docker daemon to the other daemons participating in the swarm?

a)docker \_gwbridge

c)ingress

c)egress

d)overlay

38)When you initialize a swarm ,which one of the new networks handles control and data traffic to swarm services?

a)docker \_gwbridge

c)ingress

c)egress

d)overlay

39)Which one of the following ports needs to be open for communication among nodes?

a)TCP UDP 2377

b)TCP 2377

c)UDP 4789

d)TCP UDP 7946

40)What is default encryption for swarm service management traffic?

a)SHA

b)AES

c)DES

d)PGP

41)Which docker network control plane components utilizes direct and indirect messages to rule out network congestion?

a)Failure detection

b)Message dissemination

c)topology aware

d)control plane encryption

42)Which docker-distributed network control plane protocol propagates network state information and topology across docker container clusters?

a)SWIM

b)VXLAN

c)Gossip

d)IPAM

43)Not all resources that a container has access to are namespaced.Resources that are NOT namespaced are the same on the host and in containers,such as:

a)Image ID

b)Network Interface

c)Inodes

d)UIDs

44)Which type of manifest describing the constituent parts of a Docker image?

a)CRC

b)SHA-256

c)MD5

d)SHASUM

45)Which command-line flag will enable the user to limit the specific amount of resources while executing ‘docker run’?

a)—limit

b)—siglimit

c)—ulimit

d)—setrlimit

46)Which Linux security modules is used by docker to provide another level of security checks on the access rights of processes and users beyond that provided by the standard file-level access control?

a)iptables

b)SELinux

c)MCS

d)DARPA

47)Which of the following commands will not operate with content trust?

a)pull

b)push

c)inspect

d)run

48)Which one of the following flag commands to run individual operations on tagged images

Without content trust?

a)—docker-content-true=false

b)—skip-tls-verify

c)—insecure-registry

d)—disable-content-trust

49)Which component of docker EE verifies images to be signed before deployment?

a)worker

b)DTR

c)UCP

d)Docker content trust

50)Which one of the following option in LDAP authentication ensures that the only LDAP accounts,that exixt in UCP are those that have had a user login to UCP?

a)post-login User Provisioning

b) User-Defined User Provisioning

c) Auto User Provisioning

d) Just-In-Time User Provisioning