

```
1002 ls
/var/lib/docker/overlay2/19b5f67552871bb73354debecd9b27bf7f5d766b32f5b9bde07e5593c8
4bf769/merged
1003 ls /var/lib/docker/
1004 ls /var/lib/docker/overlay2/
1005 clear
1006 pwd
1007 mkdir new_bind
1008 pwdd
1009 clear
1010 pwd
1011 ls -alrth
1012 clear
1013 ls
1014 ls new_bind
1015 pwd
1016 mkdir new_bind
1017 ls
1018 clear
1019 docker ps -a
1020 docker run -dir --name c2 --mount
type=bind,source=/root/new_bind,target=/logs apine
1021 docker run -dit --name c2 --mount
type=bind,source=/root/new_bind,target=/logs apine
1022 docker run -dir --name c2 --mount
type=bind,source=/root/new_bind,target=/logs alpine
1023 docker run -dit --name c2 --mount
type=bind,source=/root/new_bind,target=/logs alpine
1024 docker ps -a
1025 docker exec -it c2 sh
1026 pwd
1027 docker exec -it c2 sh
1028 docker ps -a
1029 cat /root/new_bind/
1030 clear
1031 pwd
1032 cd new_bind/
1033 pwd
1034 ls -altrh
1035 docker rm c1
1036 clear
1037 pwd
1038 docker ps -a
1039 docker rm c2
1040 docker rm -f c2
1041 docker ps -a
1042 ls -altrh
1043 clear
1044 docker ps -a
1045 ls -altrh
```

```
1046 clear
1047 docker volume
1048 docker info
1049 clear
1050 docker volume create
1051 docker volume ls
1052 docker volume create vol_new
1053 docker volume ls
1054 docker volume inspect vol_new
1055 clear
1056 ls /var/lib/docker/volumes/vol_new/_data
1057 ls /var/lib/docker/volumes/vol_new
1058 docke rps -a
1059 clear
1060 docker ps -a
1061 docker run -dit --name c2 -v vol_new:/var/logs alpine
1062 docker ps -a
1063 docker inspect c2 | grep "Mounts" -A 10
1064 docker exec -it c2 sh
1065 ls /var/lib/docker/volumes/vol_new
1066 ls /var/lib/docker/volumes/vol_new/_data/
1067 docker rm -f c2
1068 docker ps -a
1069 ls /var/lib/docker/volumes/vol_new/_data/
1070 docker inspect c2 | grep "Mounts" -A 10
1071 df -kh /
1072 clear
1073 docker volume
1074 clear
1075 pwd
1076 docke rps -a
1077 clear
1078 pwd
1079 docker volume
1080 clear
1081 docker volume
1082 docker volume inspect --help
1083 clear
1084 docker rm -f `docker container ls -aq`
1085 docker ps -a
1086 docker images
1087 docker rmi alpine:latest
1088 docker images
1089 clear
1090 docker run -dit --name c1 --mount source=vol_mount1,target=/var/logs alpine
1091 docker volume ls
1092 docker run -dit --name c2 -v vol_mount1:/c1_logs:ro alpine
1093 docker ps -a
1094 docker inspect c1 | grep RW
1095 docker inspect c2 | grep RW
```

```
1096 clear
1097 docker exec -it c1 sh
1098 docker exec -it c2 sh
1099 clear
1100 pwd
1101 docker run -dit --name c3 --mount type=tmpfs,destination=/root/new_tmpfs
alpine
1102 docker ps -a
1103 docker attach c3
1104 pwd
1105 docker stop c3
1106 docker start c3
1107 docker attach c3
1108 clear
1109 pwd
1110 docker rm c4
1111 clear
1112 docker run -dit --name c4 --mount type=tmpfs,destination=/new/tmpfs alpine
1113 docker attach c4
1114 clear
1115 cd
1116 pwd
1117 docker rm -f c4
1118 docker ps -a
1119 docker rm -f `docker container ls -aq`
1120 docker images
1121 docker rmi alpine:latest
1122 clear
1123 docker ps -a
1124 docker images
1125 docker run -dit --name c4 --mount type=tmpfs,destination=/tmpfs_dir/test
alpine
1126 docker attach c4
1127 docker restart c4
1128 docker attach c4
1129 clear
1130 docker rm -f `docker container ls -aq`
1131 docker images
1132 docker rmi alpine:latest
1133 docker info
1134 docker network ls
1135 clear
1136 docker run -it --name c1 alpine sh
1137 docker run -it --name c2 --network none alpine sh
1138 docker inspect c1 | grep Networks -A 15
1139 clear
1140 docker inspect c1 | grep Networks -A 15
1141 docker inspect c2 | grep Networks -A 15
1142 docker exec -it c2 sh
1143 docker attach c2
```

```
1144 docker ps -a
1145 docker attach c2
1146 docker attach c1
1147 docker attach c2
1148 clear
1149 docker attach c2
1150 clear
1151 docker rm -f `docker container ls -aq`
1152 docker ps -a
1153 docker run -d --name c1 nginx:alpine
1154 docker exec c1 curl localhost
1155 docker exec c1 ip address
1156 ip addr
1157 docker ps -a
1158 curl localhost
1159 docker exec c1 curl localhost
1160 clear
1161 docker run -d --name c2 -p 8080:80 nginx:alpine
1162 curl localhost
1163 curl localhost:8080
1164 ip addr
1165 clear
1166 docker run -d --name c3 --network host nginx:alpine
1167 docker inspect c3 | grep Networks -A 15
1168 docker inspect c2 | grep Networks -A 15
1169 docker inspect c1 | grep Networks -A 15
1170 clear
1171 docker inspect c1 | grep Networks -A 15
1172 docker inspect c3 | grep Networks -A 15
1173 clear
1174 curl localhost
1175 ip addr
1176 clear
1177 ip addr
1178 docker exec c3 ip addr
1179 clear
1180 docker run -d --name c4 --network host nginx:alpine
1181 docker ps -a
1182 docker logs -f c4
1183 clear
1184 docker rm -f `docker container ls -aq`
1185 docker images
1186 docker rmi nginx:alpine alpine:latest
1187 clear
1188 docker images
1189 docker run -d --name c1 nginx:alpine
1190 docker run -d --name c2 nginx:alpine
1191 docker ps -a
1192 docker exec c1 curl localhost
1193 docker exec c2 curl localhost
```

```
1194 clear
1195 docker exec c1 curl c2
1196 docker exec c2 | grep Networks -A 15
1197 docker inspect c2 | grep Networks -A 15
1198 docker inspect c2 | grep Networks -A 15
1199 docker exec c1 curl 172.17.0.3
1200 docker exec c1 curl c2
1201 clear
1202 docker network --help
1203 docker network create --driver bridge new_bridge
1204 docker network inspect new_bridge
1205 clear
1206 docker network ls
1207 docker run -d --name c3 --network new_bridge nginx:alpine
1208 docker run -d --name c4 --network new_bridge nginx:alpine
1209 docker ps -a
1210 docker network inspect new_bridge
1211 clear
1212 docker exec c3 curl c4
1213 docker exec c4 curl c3
1214 clear
1215 docker network connect new_bridge c2
1216 docker exec c3 curl c2
1217 clear
1218 docker network inspect new_bridge
1219 docker network inspect bridge
1220 clear
1221 docker network inspect bridge | grep Containers -A 15
1222 docker network inspect new_bridge | grep Containers -A 15
1223 docker network inspect new_bridge | grep Containers -A 25
1224 clear
1225 docker network inspect new_bridge | grep Containers -A 25
1226 clear
1227 docker network inspect bridge | grep Containers -A 15
1228 docker exec c2 ip addr
1229 clear
1230 docker network disconnect bridge c2
1231 docker exec c2 ip addr
1232 docker network inspect new_bridge | grep Containers -A 25
1233 clear
1234 docker ps -a
1235 docker -dit --name c5 alpine
1236 clear
1237 docker run -dit --name c5 alpine
1238 docker ps -a
1239 clear
1240 history
root@docker2:~#
```