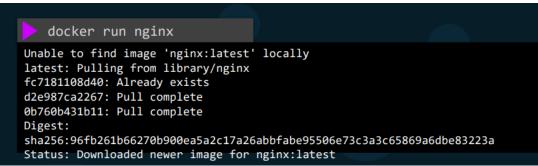
Docker





adminlinux@datadog:~\$ sudo docker ps CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

Docker ps -a

adminlinux@dat	adog:~\$ sudo docker ps -a					
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
16087a8480ca		"/bin/bash"	11 minutes ago	Exited (130) 4 minutes ago		stoic einstein
11765e230bbb	datadog/agent:latest	"/bin/entrypoint.sh"	17 hours ago	Exited (0) 12 hours ago		datadog-agent
a45b54cb4a99	datadog/agent:7.31.1	"/bin/entrypoint.sh"	17 hours ago	Exited (0) 12 hours ago		docker-compose datadog 1
110228364aee	datadog/docker-dd-agent:latest	"/entrypoint.sh supe"	35 hours ago	Exited (0) 12 hours ago		dd-agent
6d3afcc87f2f		"docker-entrypoint.s"				redis



Docker rm id

```
adminlinux@datadog:~$ sudo docker rm 1608

1608

adminlinux@datadog:~$ sudo docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NA

11765e230bbb datadog/agent:latest "/bin/entrypoint.sh" 17 hours ago Exited (0) 12 hours ago da

45b54cb4a99 datadog/agent:7.31.1 "/bin/entrypoint.sh" 17 hours ago Exited (0) 12 hours ago do

110228364aee datadog/docker-dd-agent:latest "/entrypoint.sh supe..." 35 hours ago Exited (0) 12 hours ago do

110228364aee Command Comman
```

Dockr image

adminlinux@datadog:~\$ do@ REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
datadog/agent	latest	3b7a2236dfe4	44 hours ago	826MB
gcr.io/datadoghq/agent	7	5597a2236eed	8 days ago	821MB
redis	latest	f1285ef3611d	3 weeks ago	137MB
datadog/agent	7.31.1	88420c49af00	3 years ago	817MB
centos	7	eeb6ee3f44bd	3 years ago	204MB
datadog/docker-dd-agent	latest	c6cd2b93b7af	4 years ago	424MB

Docker pull

Pull – download an image

docker run nginx

Unable to find image 'nginx:latest' locally latest: Pulling from library/nginx

fc7181108d40: Already exists d2e987ca2267: Pull complete 0b760b431b11: Pull complete

Digest:

sha256:96fb261b66270b900ea5a2c17a26abbfabe95506e73c3a3c65869a6dbe83223a

Status: Downloaded newer image for nginx:latest

docker pull nginx

Using default tag: latest

latest: Pulling from library/nginx fc7181108d40: Pull complete d2e987ca2267: Pull complete

0b760b431b11: Pull complete
Digost:

sha256:96fb261b66270b900ea5a2c17a26abbfabe95506e73c3a3c65869a6dbe83223a

Status: Downloaded newer image for nginx:latest

adminlinux@datadog:~\$ docker pull ubuntu

Using default tag: latest

latest: Pulling from library/ubuntu

76249c7cd503: Pull complete

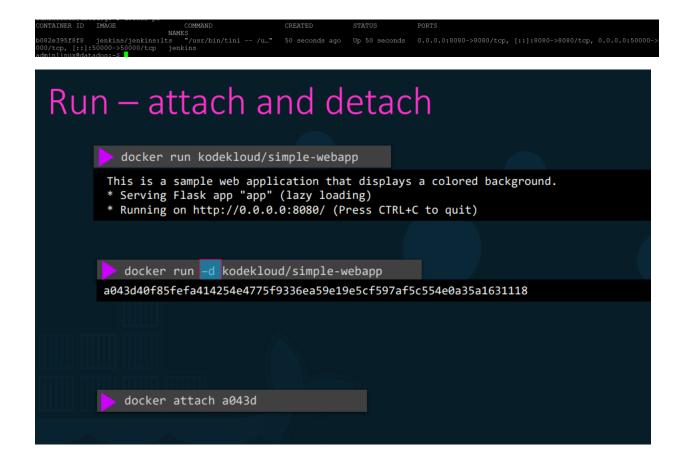
Digest: sha256:9cbed754112939e914291337b5e554b07ad7c392491dba6daf25eef1332a22e8

Status: Downloaded newer image for ubuntu:latest

dogkor ic/library/ubuntu:lategt

adminlinux@datadog:~\$ do	cker image	S	
REPOSITORY	TAG	IMAGE ID	CREATED
datadog/agent	latest	3b7a2236dfe4	44 hours ago
gcr.io/datadoghq/agent	7	5597a2236eed	8 days ago
ubuntu	latest	802541663949	3 weeks ago
redis	latest	f1285ef3611d	3 weeks ago
datadog/agent	7.31.1	88420c49af00	3 years ago
centos	7	eeb6ee3f44bd	3 years ago
datadog/dogkor-dd-agont	latost	a6ad2h03h7af	A woore ago

```
adminlinux@datadog:~$ docker run jenkins/jenkins
Unable to find image 'jenkins/jenkins:latest' locally
latest: Pulling from jenkins/jenkins
f014853ae203: Pull complete
a69f9f3862d4: Pull complete
4fd83ff5bc81: Pull complete
150c77c19acd: Pull complete
49d84a76228b: Pull complete
a95ef15091f1: Pull complete
0083cc9dd6e1: Pull complete
9e410fd47f66: Pull complete
ff2395c86696: Pull complete
ff2395c86696: Pull complete
a23691df9669: Pull complete
b217f598f50f: Pull complete
b941f1fbd14d: Pull complete
Digest: sha256:f764a832c2eee06c7b08722a25e3591ade32463980456995a9cf6f4ade03e06
```



```
docker run redis

Using default tag: latest
latest: Pulling from library/redis
f5d23c7fed46: Pull complete
Status: Downloaded newer image for redis:latest

1:C 31 Jul 2019 09:02:32.624 # 00000000000 Redis is starting 000000000000
1:C 31 Jul 2019 09:02:32.624 # Redis version=5.0.5, bits=64, commit=00000000, modified=0, pid=1, just started
1:M 31 Jul 2019 09:02:32.626 # Server initialized

docker run redis:4.0

Unable to find image 'redis:4.0' locally
4.0: Pulling from library/redis
e44f086c03a2: Pull complete
Status: Downloaded newer image for redis:4.0

1:C 31 Jul 09:02:56.527 # Redis version=4.0.14, bits=64, commit=00000000, modified=0, pid=1, just started
1:M 31 Jul 09:02:56.527 # Redis version=4.0.14, bits=64, commit=00000000, modified=0, pid=1, just started
1:M 31 Jul 09:02:56.530 # Server initialized
```

Compose



Deploy Private Registry docker run -d -p 5000:5000 --name registry registry:2 docker image tag my-image localhost:5000/my-image docker push localhost:5000/my-image docker pull localhost:5000/my-image

```
adminlinux@datadog:~$ docker run -it --rm -p 8888:8080 tomcat:8.0
Unable to find image 'tomcat:8.0' locally
8.0: Pulling from library/tomcat
f189db1b88b3: Pull complete
3d06cf2f1b5e: Pull complete
edd0da9e3091: Pull complete
eb7768aae14e: Pull complete
e2780f585e0f: Pull complete
e2780f585e0f: Pull complete
d9e134700cfc: Pull complete
e4804b33d02a: Pull complete
b9df0c24315e: Pull complete
b9df0c24315e: Pull complete
b9df0c24315e: Pull complete
Digest: sha256:8ecb10948deb32c34aeadf7bf95d12a93fbd3527911fa629c1a3e7823b89ce6f
```

Docker pid

Docker storage

```
adminlinux@datadog:~$ sudo 1s -1 /var/lib/docker
total 64
drwx--x--x 5 root root 4096 Sep 11 09:01 buildkit
drwx--x-- 14 root root 4096 Sep 11 10:01 containers
-rw---- 1 root root 36 Sep 9 17:31 engine-id
drwx---- 3 root root 4096 Sep 9 17:31 image
drwxr-x-- 3 root root 4096 Sep 9 17:31 network
drwx--x-- 133 root root 20480 Sep 11 10:01 overlay2
drwx---- 3 root root 4096 Sep 9 17:31 plugins
drwx---- 2 root root 4096 Sep 9 17:31 swarm
drwx---- 2 root root 4096 Sep 9 17:31 swarm
drwx---- 2 root root 4096 Sep 11 09:59 tmp
drwx---- 13 root root 4096 Sep 11 09:39 volumes
```

