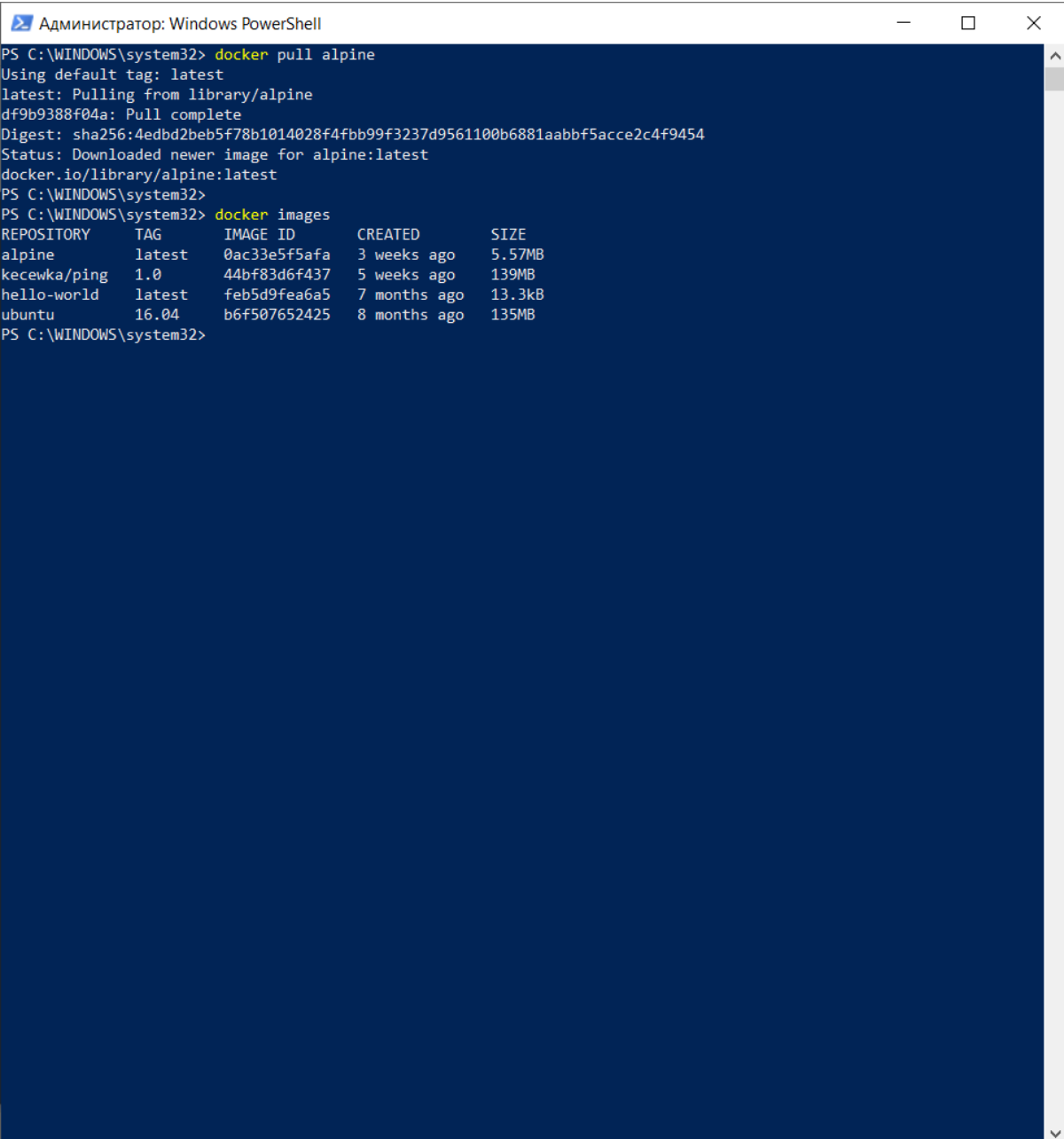


# 1.0 Running your first container



Администратор: Windows PowerShell

```
PS C:\WINDOWS\system32> docker pull alpine
Using default tag: latest
latest: Pulling from library/alpine
df9b9388f04a: Pull complete
Digest: sha256:4edbd2beb5f78b1014028f4fbb99f3237d9561100b6881aabbf5acce2c4f9454
Status: Downloaded newer image for alpine:latest
docker.io/library/alpine:latest
PS C:\WINDOWS\system32>
PS C:\WINDOWS\system32> docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
alpine	latest	0ac33e5f5afa	3 weeks ago	5.57MB
kecewka/ping	1.0	44bf83d6f437	5 weeks ago	139MB
hello-world	latest	feb5d9fea6a5	7 months ago	13.3kB
ubuntu	16.04	b6f507652425	8 months ago	135MB

```
PS C:\WINDOWS\system32>
```

## 1.1 Docker Run

```
Выбрать Администратор: Windows PowerShell
PS C:\WINDOWS\system32> docker run alpine ls -l
total 56
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 bin
drwxr-xr-x  5 root    root      340 May  1 14:55 dev
drwxr-xr-x  1 root    root      4096 May  1 14:55 etc
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 home
drwxr-xr-x  7 root    root      4096 Apr  4 16:06 lib
drwxr-xr-x  5 root    root      4096 Apr  4 16:06 media
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 mnt
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 opt
dr-xr-xr-x 189 root    root        0 May  1 14:55 proc
drwx----- 2 root    root      4096 Apr  4 16:06 root
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 run
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 sbin
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 srv
dr-xr-xr-x 11 root    root        0 May  1 14:55 sys
drwxrwxrwt  2 root    root      4096 Apr  4 16:06 tmp
drwxr-xr-x  7 root    root      4096 Apr  4 16:06 usr
drwxr-xr-x 12 root    root      4096 Apr  4 16:06 var
PS C:\WINDOWS\system32> docker run alpine echo "hello from alpine"
hello from alpine
PS C:\WINDOWS\system32> docker run alpine /bin/sh
PS C:\WINDOWS\system32> docker run -it alpine bin/sh
/ # ls -l
total 56
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 bin
drwxr-xr-x  5 root    root      360 May  1 14:59 dev
drwxr-xr-x  1 root    root      4096 May  1 14:59 etc
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 home
drwxr-xr-x  7 root    root      4096 Apr  4 16:06 lib
drwxr-xr-x  5 root    root      4096 Apr  4 16:06 media
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 mnt
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 opt
dr-xr-xr-x 197 root    root        0 May  1 14:59 proc
drwx----- 1 root    root      4096 May  1 14:59 root
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 run
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 sbin
drwxr-xr-x  2 root    root      4096 Apr  4 16:06 srv
dr-xr-xr-x 11 root    root        0 May  1 14:59 sys
drwxrwxrwt  2 root    root      4096 Apr  4 16:06 tmp
drwxr-xr-x  7 root    root      4096 Apr  4 16:06 usr
drwxr-xr-x 12 root    root      4096 Apr  4 16:06 var
/ # uname -a
Linux e8f248513da7 5.10.16.3-microsoft-standard-WSL2 #1 SMP Fri Apr 2 22:23:49 UTC 2021 x86_64 Linux
/ # exit
PS C:\WINDOWS\system32>
```

Администратор: Windows PowerShell

```
PS C:\WINDOWS\system32> docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS        NAMES
PS C:\WINDOWS\system32> docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS        NAMES
ES
e8f248513da7   alpine     "bin/sh"                About a minute ago   Exited (0) 59 seconds ago             heu
ristic_volhard
906cd70069fb   alpine     "/bin/sh"               About a minute ago   Exited (0) About a minute ago             inf
allible_jennings
a2d7162b3cf4   alpine     "echo 'hello from al..." 2 minutes ago       Exited (0) 2 minutes ago             bea
utiful_shaw
78b05ec57a6f   alpine     "ls -l"                  4 minutes ago       Exited (0) 4 minutes ago             mus
ing_saha
65da5553096c   hello-world "/hello"                45 minutes ago      Exited (0) 45 minutes ago             dis
tracted_turing
PS C:\WINDOWS\system32>
```