

DOCKER EN BİLİLEN KOMUTLAR

```
Terminal
PS C:\Users\ASUS: docker help

Usage:  docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Common Commands:
run      Create and run a new container from an image
exec     Execute a command in a running container
ps       List containers
build    Build an image from a Dockerfile
pull     Download an image from a registry
push     Upload an image to a registry
images   List images
login    Log in to a registry
logout   Log out from a registry
search   Search Docker Hub for images
version  Show the Docker version information
```

- **Docker help:** — help opsiyonunu kullandığımız zaman bizlere devamında hangi komutları kullanabileceğimizi gösteren bir yönerge çıkartır.

```
Terminal
PS C:\Users\ASUS: docker version

Client:
Version:      27.0.3
API version:  1.46
Go version:   go1.21.11
Git commit:   7d4bcd8
Built:        Sat Jun 29 00:03:32 2024
OS/Arch:      windows/amd64
Context:      desktop-linux

Server: Docker Desktop 4.32.0 (157355)
runc:
Version:      1.7.18
GitCommit:    v1.1.13-0-g58aa920
docker-init:
Version:      0.19.0
GitCommit:    de40ad0
```

- **Docker version:** Docker versiyon bilgisini verir.

```
PS C:\Users\ASUS> docker search alpine:latest
NAME                                DESCRIPTION
d3fk/s3cmd                          A simple s3cmd S3 client installed on the Al...
ryanburketllc/foggycam-alpine       foggycam w/ alpine:latest including python3,...
intrepidde/rpi-phpmyadmin           Image based on arm32v6/alpine:latest with ph...
3x3cut0r/alpine                     official alpine:latest base-image with gosu,...
freke/docker_alpine_doxygen         Docker image built on alpine:latest includin...
playniuniu/ikev2-vpn                IKEv2 vpn based on alpine:latest and strongsw...
opillion/node                        based on: alpine:latest
acrelle/rpi-eggdrop                 Raspberry pi build of eggdrop based on arm32...
sisnet/alpine-curl                   Builds a docker image from alpine:latest add...
idefix/docker-owncloud-client        headless nextcloud-client on Alpine:latest
artemklevtsov/r-alpine              R docker images based on the alpine:latest
ywatase/ansible                     ansible on alpine:latest
fixiu/jdk-alpine                    alpine:latest oracle jdk 8u211
robonuka/sslh                       Alpine:latest + SSLH v1.2.0
mkoppanen/etcdtool                  Image based on alpine:latest to run etcdtool
```

- **Docker search alpine:latest** : docker search image:tag: Docker Hub'tan bir imaj arar.

```
PS C:\Users\ASUS> docker network ls
NETWORK ID          NAME                                   DRIVER          SCOPE
1d0c746ac8cf        bridge                               bridge          local
f5d317f6cafc        getting-started-todo-app_default     bridge          local
32e1292d40af        host                                host            local
3e25f7a57097        none                                 null            local
PS C:\Users\ASUS>
```

- **Docker network ls**: Oluşturulan tüm ağları listeler.

```
PS C:\Users\ASUS> docker image ls
REPOSITORY          TAG          IMAGE ID       CREATED        SIZE
alpine              latest       324bc02ae123   47 hours ago   7.8MB
getting-started-todo-app-client latest       e1bb67dbc468   2 days ago    1.19GB
getting-started-todo-app-backend latest       f2c257c9e8fd   2 days ago    1.17GB
phpmyadmin          latest       423af937a83b   2 weeks ago    562MB
traefik              v2.11       096793d09518   3 weeks ago    170MB
mysql                8.0         6c54cbcf775a   3 weeks ago    572MB
nginx                latest       a72860cb95fd   4 weeks ago    188MB
```

- **Docker image ls**: Bilgisayarınıza yüklenmiş tüm imajları listeler.

```
PS C:\Users\ASUS> docker network inspect --help
```

```
Usage: docker network inspect [OPTIONS] NETWORK [NETWORK...]
```

```
Display detailed information on one or more networks
```

```
Options:
```

```
-f, --format string    Format output using a custom template:  
                        'json':          Print in JSON format  
                        'TEMPLATE':       Print output using the given  
                        Go template.  
                        Refer to https://docs.docker.com/go/formatting/  
                        for more information about formatting output with  
                        templates  
-v, --verbose          Verbose output for diagnostics
```

- **Docker network inspect --help:** docker network inspect komutu, belirli bir Docker ağı hakkında ayrıntılı bilgi sağlar. Bu komutun kullanımına dair yardım almak için docker network inspect --help komutunu kullanabilirsiniz. Bu komut, docker network inspect komutunun nasıl kullanılacağı ve hangi seçeneklerin mevcut olduğu hakkında bilgi sağlar.

```
PS C:\Users\ASUS> docker image inspect alpine
```

```
[  
  {  
    "Id": "sha256:324bc02ae1231fd9255658c128086395d3fa0aedd5a41ab6b034fd649d1a9260",  
    "RepoTags": [  
      "alpine:latest"  
    ],  
    "RepoDigests": [  
      "alpine@sha256:0a4eaa0eecf5f8c050e5bba433f58c052be7587ee8af3e8b3910ef9ab5fbe9f5"  
    ],  
    "Parent": "",  
    "Comment": "",  
    "Created": "2024-07-22T22:26:43.778747613Z",  
    "DockerVersion": "23.0.11",  
    "Author": "",  
    "Config": {
```

- **Docker image inspect alpine:** Docker'da alpine imajı hakkında ayrıntılı bilgi sağlar. Bu komut, Docker imajlarının metadata bilgilerini gösterir, örneğin yapılandırma bilgileri, katmanlar ve diğer önemli detaylar.