

SETTING UP APPLICATION ENVIRONMENT

Docker CLI installation

Team ID	PNT2022TMID12046
Project Name	Plasma Donor Application

Docker CLI Installation

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Administrator: Windows PowerShell
PS C:\WINDOWS\system32> docker --help

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:
  --config string      Location of client config files (default
                        "C:\Users\Pavithra\.docker")
  -c, --context string  Name of the context to use to connect to the
                        daemon (overrides DOCKER_HOST env var and
                        default context set with "docker context use")
  -D, --debug           Enable debug mode
  -H, --host list       Daemon socket(s) to connect to
  -l, --log-level string Set the logging level
                        ("debug"|"info"|"warn"|"error"|"fatal")
                        (default "info")
  --tls                Use TLS; implied by --tlsverify
  --tlscacert string    Trust certs signed only by this CA (default
                        "C:\Users\Pavithra\.docker\ca.pem")
  --tlscert string      Path to TLS certificate file (default
                        "C:\Users\Pavithra\.docker\cert.pem")
  --tlskey string       Path to TLS key file (default
                        "C:\Users\Pavithra\.docker\key.pem")
  --tlsverify           Use TLS and verify the remote
  -v, --version         Print version information and quit

Management Commands:
  builder              Manage builds
  buildx*              Docker Buildx (Docker Inc., v0.9.1)
  compose*             Docker Compose (Docker Inc., v2.12.2)
  config              Manage Docker configs
  container            Manage containers
  context              Manage contexts
  dev*                Docker Dev Environments (Docker Inc., v0.0.3)
  extension*           Manages Docker extensions (Docker Inc., v0.2.13)
  image               Manage images
  manifest             Manage Docker image manifests and manifest lists
  network             Manage networks
  node                Manage Swarm nodes
  plugin              Manage plugins
  sbom*               View the packaged-based Software Bill Of Materials (SBOM) for an image (Anchore Inc., 0.6.0)
  scan*               Docker Scan (Docker Inc., v0.21.0)
  secret              Manage Docker secrets
  service             Manage services
  stack               Manage Docker stacks
  swarm              Manage Swarm
  system              Manage Docker
  trust               Manage trust on Docker images
```

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Select Administrator: Windows PowerShell
trust      Manage trust on Docker images
volume     Manage volumes

Commands:
  attach      Attach local standard input, output, and error streams to a running container
  build       Build an image from a Dockerfile
  commit      Create a new image from a container's changes
  cp          Copy files/folders between a container and the local filesystem
  create      Create a new container
  diff        Inspect changes to files or directories on a container's filesystem
  events      Get real time events from the server
  exec        Run a command in a running container
  export      Export a container's filesystem as a tar archive
  history     Show the history of an image
  images      List images
  import      Import the contents from a tarball to create a filesystem image
  info        Display system-wide information
  inspect     Return low-level information on Docker objects
  kill        Kill one or more running containers
  load        Load an image from a tar archive or STDIN
  login       Log in to a Docker registry
  logout      Log out from a Docker registry
  logs        Fetch the logs of a container
  pause       Pause all processes within one or more containers
  port        List port mappings or a specific mapping for the container
  ps          List containers
  pull        Pull an image or a repository from a registry
  push        Push an image or a repository to a registry
  rename      Rename a container
  restart     Restart one or more containers
  rm          Remove one or more containers
  rmi         Remove one or more images
  run         Run a command in a new container
  save        Save one or more images to a tar archive (streamed to STDOUT by default)
  search      Search the Docker Hub for images
  start       Start one or more stopped containers
  stats       Display a live stream of container(s) resource usage statistics
  stop        Stop one or more running containers
  tag         Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
  top         Display the running processes of a container
  unpause     Unpause all processes within one or more containers
  update      Update configuration of one or more containers
  version     Show the Docker version information
  wait        Block until one or more containers stop, then print their exit codes

Run 'docker COMMAND --help' for more information on a command.

To get more help with docker, check out our guides at https://docs.docker.com/go/guides/
PS C:\WINDOWS\system32>
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Administrator: Windows PowerShell
Windows PowerShell
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PS C:\WINDOWS\system32> ibmcloud login
API endpoint: https://cloud.ibm.com
Region: jp-tok

Email> 73151913106@smartinternz.com

Password>
Authenticating...
OK

Targeted account Yaazhini Periasamy (9a58364009ce48d282800a74a1cbdd87)

API endpoint: https://cloud.ibm.com
Region: jp-tok
User: 73151913106@smartinternz.com
Account: Yaazhini Periasamy (9a58364009ce48d282800a74a1cbdd87)
Resource group: No resource group targeted, use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:
PS C:\WINDOWS\system32>
```

30°C
Partly sunny



Search



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