

1. THE BASICS

API SELECTION

cf api

Use the given URL as Cloud Foundry API endpoint
\$ cf api https://api.aws.ie.a9s.eu

LOGIN

cf login

Authenticate the user

Shortcut: \$ cf l

LOGOUT

cf logout

SELECT TARGET

cf target

Target a given space in a given organization, e.g.

\$ cf target [-o ORG] [-s SPACE]

4. SERVICE MANAGEMENT

LIST SERVICES & PLANS

cf marketplace

Shortcut: \$ cf m

LIST SERVICES IN CURRENT SPACE

cf services

Lists service instances in the current space.

Shortcut: \$ cf s

NEW SERVICE INSTANCE

cf create-service

\$ cf create-service SERVICE_NAME PLAN
SERVICE_INSTANCE [-c PARAMETERS_AS_JSON]

Example:

\$ cf create-service mongodb Pluto-free
my_service

SHOW SERVICE INFORMATION

cf service

\$ cf service SERVICE_INSTANCE

BIND SERVICE TO APP

cf bind-service

\$ cf bind-service APP SERVICE_INSTANCE

Shortcut: \$ cf bs

UNBIND SERVICE

cf unbind-service

\$ cf unbind-service APP SERVICE_INSTANCE

Shortcut: \$ cf us

UPDATE SERVICE

cf update-service

\$ cf update-service SERVICE_INSTANCE
[-p NEW_PLAN] [-c PARAMETERS_AS_JSON]
[-t TAGS]

Example:

\$ cf update-service mydb -c '{"ram_gb": 4}'

DELETE SERVICE INSTANCE

cf delete-service

\$ cf delete-service SERVICE_INSTANCE [-f]

2. APPLICATION MANAGEMENT

LIST APPLICATIONS

cf apps

Lists all applications in the current space

DISPLAY APP INFORMATION

cf app

Displays health status of the application instances

\$ cf app APP

DEPLOY AN APPLICATION

cf push

Please refer to cf help push for the list of available options, e.g.

\$ cf push my_app -c "bundle exec ruby
my_app.rb" -d example.com -i 3 -n subdomain

SCALE APPLICATION

cf scale

\$ cf scale APP [-i INSTANCES] [-k DISK]
[-m MEMORY] [-f]

START/STOP/RESTART

cf start/stop/restart

\$ cf start APP **Shortcut:** \$ cf st

\$ cf stop APP **Shortcut:** \$ cf sp

\$ cf restart APP **Shortcut:** \$ cf rs

DELETE APPLICATION

cf delete

Deletes the application. [-f] forces deletion without confirmation, [-r] also deletes all mapped routes.

\$ cf delete APP [-f] [-r]

6. SPACE MANAGEMENT

LIST SPACES

cf spaces

SHOW SPACE INFORMATION

cf space

Available information: organization, apps, domains and services

\$ cf space SPACE_NAME

NEW SPACE

cf create-space

\$ cf create-space SPACE_NAME [-o ORG]

DELETE SPACE

cf delete-space

\$ cf delete-space SPACE_NAME

RENAME SPACE

cf rename-space

\$ cf rename-space SPACE_NAME
NEW_SPACE_NAME

7. DOMAIN MANAGEMENT

LIST DOMAINS

cf domains

Lists all domains for the current organization

ATTACH A DOMAIN

cf create-domain

\$ cf create-domain ORG DOMAIN

DETACH A DOMAIN

cf delete-domain

\$ cf delete-domain DOMAIN

3. LOG / ENVIRONMENT MANAGEMENT

LIST ENVIRONMENT VARS

cf env

\$ cf env APP

SET ENVIRONMENT VARS

cf set-env

\$ cf set-env APP VARIABLE_NAME VARIABLE_VALUE

UNSET ENVIRONMENT VARS

cf unset-env

\$ cf unset-env APP VARIABLE_NAME

DISPLAY LOG INFORMATION

cf logs

Tails the log files for given application

\$ cf logs APP

DISPLAY APPLICATION EVENTS

cf events

\$ cf events APP

5. ROUTE MANAGEMENT

LIST ROUTES

cf routes

Lists all routes in the current space

CREATE A ROUTE

cf create-route

\$ cf create-route SPACE_NAME DOMAIN
[-n APP]

Example:

\$ cf create-route development de.a9sapp.eu
-n my-app

MAP ROUTE TO APPLICATION

cf map-route

\$ cf map-route APP DOMAIN [-n HOSTNAME]

Example:

\$ cf map-route my_app de.a9sapp.eu
-n my-app

UNMAP ROUTE

cf unmap-route

\$ cf unmap-route APP DOMAIN [-n HOSTNAME]

Example:

\$ cf unmap-route my_app de.a9sapp.eu
-n my-app

DELETE ROUTE

cf delete-route

\$ cf delete-route DOMAIN [-n HOSTNAME]

Example:

\$ cf delete-route de.a9sapp.eu -n my-app

8. HELP USAGE

DISPLAY COMMAND HELP

cf help [CMD]