1. THE BASICS

API SELECTION
Use the given URL as Cloud Foundry API endpoint
$ cf api https://api.de.a9s.eu

LOGIN
Authenticate the user
Shortcut: $ cf l

LOGOUT
$ cf logout

SELECT TARGET
Target a given space in a given organization, e.g.
$ cf target [-o ORG] [-s SPACE]

2. APPLICATION MANAGEMENT

LIST APPLICATIONS
Lists all applications in the current space
$ cf apps

DISPLAY APP INFORMATION
Displays health status of the application instances
$ cf app

DEPLOY AN APPLICATION
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

START/STOP/RESTART
$ cf start/stop/restart

DELETE APPLICATION
Deletes the application. [-f] forces deletion without confirmation, [-r] also deletes all mapped routes.
$ cf delete APP [-f] [-r]

3. LOG / ENVIRONMENT MANAGEMENT

LIST ENVIRONMENT VARS
Lists all environment variables
$ cf env

SET ENVIRONMENT VARS
$ cf set-env APP VARIABLE_NAME VARIABLE_VALUE

UNSET ENVIRONMENT VARS
$ cf unset-env APP VARIABLE_NAME

DISPLAY LOG INFORMATION
Tails the log files for given application
$ cf logs

DISPLAY APPLICATION EVENTS
$ cf events

4. SERVICE MANAGEMENT

LIST SERVICES & PLANS
Lists all services in the current space
$ cf marketplace

LIST SERVICES IN CURRENT SPACE
Lists services instances in the current space.
Shortcut: $ cf s

NEW SERVICE INSTANCE
$ 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 SERVICE_INSTANCE

BIND SERVICE TO APP
$ cf bind-service APP SERVICE_INSTANCE
Shortcut: $ cf bs

UNBIND SERVICE
$ cf unbind-service APP SERVICE_INSTANCE
Shortcut: $ cf us

UPDATE SERVICE
$ cf update-service SERVICE_INSTANCE [-p NEW_PLAN] [-c PARAMETERS_AS_JSON] [-t TAGS]
Example:
$ cf update-service mydb -c '("ran_gb": 4)'

DELETE SERVICE INSTANCE
$ cf delete-service SERVICE_INSTANCE [-f]

5. ROUTE MANAGEMENT

LIST ROUTES
Lists all routes in the current space
$ cf routes

CREATE A 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

UNMAP ROUTE
$ cf unmap-route

DELETE ROUTE
$ cf delete-route

6. SPACE MANAGEMENT

LIST SPACES
$ cf spaces

SHOW SPACE INFORMATION
$ cf space

NEW SPACE
$ cf create-space SPACE_NAME

DELETE SPACE
$ cf delete-space

RENAME SPACE
$ cf rename-space

7. DOMAIN MANAGEMENT

LIST DOMAINS
Lists all domains for the current organization
$ cf domains

ATTACH A DOMAIN
$ cf create-domain ORG DOMAIN

DETACH A DOMAIN
$ cf delete-domain

8. HELP USAGE

DISPLAY COMMAND HELP
$ cf help [CMD]

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