

# Anynines Toolchain Notes

The plugin for Gradle users helps us speed up our deployments to anynines.

Documentation of the [gradle cloud foundry plugin](#) can be found [here](#).

## Site Credentials

While you can include Cloud Foundry security credentials in the build.gradle file, a more secure method is to store the credentials in a gradle.properties file. This file can be placed in either the project directory or in the ~/.gradle directory.

To implement this, add cfUsername and cfPassword with the Cloud Foundry security credentials parameters to the gradle.properties file as follows:

```
cfUsername=user@example.com
cfPassword=examplePassword
```

(Note there are no quotes around either the username or password.)

## CF Notes

### CF Help

#### NAME:

cf - A command line tool to interact with Cloud Foundry

#### USAGE:

[environment variables] cf [global options] command [arguments...] [command options]

#### VERSION:

6.12.2-24abed3-2015-07-15T21:21:22+00:00

#### BUILD TIME:

2016-01-25 22:53:49.588823369 +0100 CET

#### GETTING STARTED:

login	Log user in
logout	Log user out
passwd	Change user password
target	Set or view the targeted org or space
api	Set or view target api url
auth	Authenticate user non-interactively

## APPS:

apps	List all apps in the target space
app	Display health and status for app
push, p	Push a new app or sync changes to an
existing app	
scale	Change or view the instance count,
disk space limit, and memory limit for an app	
delete	Delete an app
rename	Rename an app
start, st	Start an app
stop, sp	Stop an app
restart, rs	Restart an app
restage, rg	Restage an app
restart-app-instance	Terminate the running application
Instance at the given index and instantiate a new instance of the application with the same index	
events	Show recent app events
files	Print out a list of files in a
directory or the contents of a specific file	
logs	Tail or show recent logs for an app
env	Show all env variables for an app
set-env	Set an env variable for an app
unset-env	Remove an env variable
stacks	List all stacks (a stack is a pre-
built file system, including an operating system, that can run apps)	
stack	Show information for a stack (a stack
is a pre-built file system, including an operating system, that can run apps)	
copy-source	Make a copy of app source code from
one application to another. Unless overridden, the copy-source command will restart the application.	
create-app-manifest	Create an app manifest for an app
that has been pushed successfully.	

## SERVICES:

marketplace	List available offerings in the
marketplace	
services	List all service instances in the
target space	
service	Show service instance info
create-service	Create a service instance
update-service	Update a service instance
delete-service, ds	Delete a service instance
rename-service	Rename a service instance

create-service-key, csk	Create key for a service instance
service-keys, sk	List keys for a service instance
service-key	Show service key info
delete-service-key, dsk	Delete a service key
bind-service, bs	Bind a service instance to an app
unbind-service, us	Unbind a service instance from an app
create-user-provided-service, cups	Make a user-provided service instance
available to cf apps	
update-user-provided-service, uups	Update user-provided service instance
name value pairs	
ORGS:	
orgs	List all orgs
org	Show org info
create-org, co	Create an org
delete-org	Delete an org
rename-org	Rename an org
SPACES:	
spaces	List all spaces in an org
space	Show space info
create-space	Create a space
delete-space	Delete a space
rename-space	Rename a space
DOMAINS:	
domains	List domains in the target org
create-domain	Create a domain in an org for later
use	
delete-domain	Delete a domain
create-shared-domain	Create a domain that can be used by
all orgs (admin-only)	
delete-shared-domain	Delete a shared domain
ROUTES:	
routes, r	List all routes in the current space
or the current organization	
create-route	Create a url route in a space for
later use	
check-route	Perform a simple check to determine
whether a route currently exists or not.	
map-route	Add a url route to an app
unmap-route	Remove a url route from an app
delete-route	Delete a route
delete-orphaned-routes	Delete all orphaned routes (e.g.:
those that are not mapped to an app)	

#### BUILDPACKS:

buildpacks	List all buildpacks
create-buildpack	Create a buildpack
update-buildpack	Update a buildpack
rename-buildpack	Rename a buildpack
delete-buildpack	Delete a buildpack

#### USER ADMIN:

create-user	Create a new user
delete-user	Delete a user
org-users	Show org users by role
set-org-role	Assign an org role to a user
unset-org-role	Remove an org role from a user
space-users	Show space users by role
set-space-role	Assign a space role to a user
unset-space-role	Remove a space role from a user

#### ORG ADMIN:

quotas	List available usage quotas
quota	Show quota info
set-quota	Assign a quota to an org
create-quota	Define a new resource quota
delete-quota	Delete a quota
update-quota	Update an existing resource quota
share-private-domain	Share a private domain with an org
unshare-private-domain	Unshare a private domain with an org

#### SPACE ADMIN:

space-quotas	List available space resource quotas
space-quota	Show space quota info
create-space-quota	Define a new space resource quota
update-space-quota	update an existing space quota
delete-space-quota	Delete a space quota definition and
unassign the space quota from all spaces	
set-space-quota	Assign a space quota definition to a
space	
unset-space-quota	Unassign a quota from a space

#### SERVICE ADMIN:

service-auth-tokens	List service auth tokens
create-service-auth-token	Create a service auth token
update-service-auth-token	Update a service auth token
delete-service-auth-token	Delete a service auth token
service-brokers	List service brokers
create-service-broker	Create a service broker

update-service-broker	Update a service broker
delete-service-broker	Delete a service broker
rename-service-broker	Rename a service broker
migrate-service-instances	Migrate service instances from one
service plan to another	
purge-service-offering	Recursively remove a service and
child objects from Cloud Foundry database without making requests to a service broker	
service-access	List service access settings
enable-service-access	Enable access to a service or service
plan for one or all orgs	
disable-service-access	Disable access to a service or
service plan for one or all orgs	
SECURITY GROUP:	
security-group	Show a single security group
security-groups	List all security groups
create-security-group	Create a security group
update-security-group	Update a security group
delete-security-group	Deletes a security group
bind-security-group	Bind a security group to a space
unbind-security-group	Unbind a security group from a space
bind-staging-security-group	Bind a security group to the list of
security groups to be used for staging applications	
staging-security-groups	List security groups in the staging
set for applications	
unbind-staging-security-group	Unbind a security group from the set
of security groups for staging applications	
bind-running-security-group	Bind a security group to the list of
security groups to be used for running applications	
running-security-groups	List security groups in the set of
security groups for running applications	
unbind-running-security-group	Unbind a security group from the set
of security groups for running applications	
ENVIRONMENT VARIABLE GROUPS:	
running-environment-variable-group, revg	Retrieve the contents of the running
environment variable group	
staging-environment-variable-group, sevg	Retrieve the contents of the staging
environment variable group	
set-staging-environment-variable-group, ssevg	Pass parameters as JSON to create a
staging environment variable group	
set-running-environment-variable-group, srevg	Pass parameters as JSON to create a
running environment variable group	
FEATURE FLAGS:	
feature-flags	Retrieve list of feature flags with
status of each flag-able feature	

feature-flag	Retrieve an individual feature flag
with status	
enable-feature-flag	Enable the use of a feature so that
users have access to and can use the feature.	
disable-feature-flag	Disable the use of a feature so that
users have access to and can use the feature.	
ADVANCED:	
curl	Executes a raw request, content-type
set to application/json by default	
config	write default values to the config
oauth-token	Retrieve and display the OAuth token
for the current session	
ADD/REMOVE PLUGIN REPOSITORY:	
add-plugin-repo	Add a new plugin repository
remove-plugin-repo	Remove a plugin repository
list-plugin-repos	list all the added plugin repository
repo-plugins	List all available plugins in all
added repositories	
ADD/REMOVE PLUGIN:	
plugins	list all available plugin commands
install-plugin	Install the plugin defined in command
argument	
uninstall-plugin	Uninstall the plugin defined in
command argument	
INSTALLED PLUGIN COMMANDS:	
ENVIRONMENT VARIABLES:	
CF_COLOR=false	Do not colorize output
CF_HOME=path/to/dir/	Override path to default config directory
CF_PLUGIN_HOME=path/to/dir/	Override path to default plugin config directory
CF_STAGING_TIMEOUT=15	Max wait time for buildpack staging, in minutes
CF_STARTUP_TIMEOUT=5	Max wait time for app instance startup, in
minutes	
CF_TRACE=true	Print API request diagnostics to stdout
CF_TRACE=path/to/trace.log	Append API request diagnostics to a log file
HTTP_PROXY=proxy.example.com:8080	Enable HTTP proxying for API requests
GLOBAL OPTIONS:	
--version, -v	Print the version
--help, -h	Show help