

CLI for JFrog Mission Control

Overview


This page describes how to use JFrog CLI with JFrog Mission Control.

Read more about JFrog CLI [here](#).

Syntax

```
$ jfrog mc command-name arguments global-options command-options
```

Where:

command-name	The command to execute. Note that you can use either the full command name or its abbreviation.
global-options	A set of global options that may be used for all commands: --url: (Mandatory) The Mission Control URL. --user: (Optional) The Mission Control user. --password: (Optional) The Mission Control password. <div style="border: 1px solid green; padding: 5px; margin-top: 10px;"> Use the config command To avoid having to set these for every command, you may set them once using the config command and then omit them for every following command.</div>
command-options	A set of options corresponding to the command
arguments	A set of arguments corresponding to the command

Page Contents

- [Overview](#)
- [Syntax](#)
- [Commands](#)
 - [JFrog Services Actions](#)
 - [Adding a service](#)
 - [Removing a service](#)
 - [Attaching a License](#)
 - [Detaching a License](#)
 - [Configuration](#)

Commands

The following sections describe the commands available in the JFrog CLI for use with JFrog Mission Control.



We strongly recommend running the [config](#) command right after installing the JFrog CLI to avoid having to pass in the Mission Control URL and login credentials for every command.

JFrog Services Actions

This command performs different actions on the JFrog services managed by Mission Control. The specific action is determined by a secondary command and its corresponding arguments and options as described in the following sections. The supported services are Artifactory, Artifactory-Edge-Node, Xray and Distribution.

Command name	services
Abbreviation	s

Adding a service

Command name	add
Description	Adds a service in Mission Control

Command arguments	
Service type	The type of the service to be added in Mission Control. Can be one of the following: ARTIFACTORY, EDGE, XRAY or DISTRIBUTION
Service name	The name of the service.
Command options	
--service-url	[Mandatory] Service URL
--service-user	[Mandatory] Service username
--service-password	[Mandatory] Service password
--desc	[Optional] A description for the service.
--site-name	[Optional] Service site name, e.g. US.

Example

```
jfrog mc s add ARTIFACTORY my-arti --service-url=http://10.100.1.127 --service-user=admin --service-password=password
```

Removing a service

Command name	remove
Description	Removes a service from Mission Control
Command arguments	
Service name	The name of the service (as defined in Mission Control) to remove.
Command options	
--quiet	[Default: false] When true, skips the default confirmation message.

Example

```
jfrog mc s remove my-arti --quiet=true
```

Attaching a License

Command name	attach-lic
Description	Attaches (and optionally installs) a license to the specified service and removes it from the specified license-bucket.
Command arguments	
Artifactory service name	The name of the service to which the license should be attached.
Command options	

--bucket-id	[Mandatory] The id or name of the bucket from which the license should be provisioned.
--license-path	[Optional] Specifies the full path to the license file. If not specified, the license is printed to standard output.
--override	[Default: false] When true, overrides any license file currently existing in the path specified in the <code>--license-path</code> parameter.
--deploy	[Default: false] When true, installs the license in the Artifactory service

Examples

Example 1

Assign a license from the specified bucket to the specified Artifactory service (my-arti). The license is displayed on standard output.

```
jfrog mc s attach-lic my-arti --bucket-id=abcdefg
```

Example 2

Assign and install a license from the specified bucket to the specified Artifactory service (my-arti). The license is saved to a file.

```
jfrog mc s attach-lic my-arti --deploy=true --bucket-id=abcdefg --license-path="my_license.txt"
```

Detaching a License

Command name	detach-lic
Description	Detaches a license from the specified service and returns it to the specified license-bucket.
Command arguments	
Service name	The name of the service from which the license should be detached
Command options	
--bucket-id	[Mandatory] The id of the license-bucket from which the license should be provisioned.

Example

```
jfrog mc s detach-lic my-arti --bucket-id=license-bucket-1
```

Configuration

This command is used to configure the JFrog CLI with the default Mission Control URL and login credentials which should be used in the other commands so that you don't have to pass them in each time. These values are defaults for each command and can be overridden per command by passing in alternative values for the Mission Control URL and login credentials. The values configured are saved in `~/.jfrog/jfrog-cli.conf`.

Command name	config
Abbreviation	c
Command options	
--url	[Optional] The default Mission Control URL to be used for the other commands.
--user	[Optional] The default user to be used for the other commands.

<code>--password</code>	[Optional] The default password to be used for the other commands.
Command arguments	If no arguments are passed in, the command will configure the Mission Control URL, user and password through the command options or through the interactive prompt
<code>show</code>	Shows the stored configuration.
<code>clear</code>	Clears the stored configuration.

Examples

Example 1

Configure the Mission Control URL, user and password using the interactive prompt.

```
$ jfrog mc c
```

Example 2

Configure the Mission Control URL, user and password by passing them in as command options.

```
$ jfrog mc c --url=http://<mission-control-domain> --user=admin --password=password
```

Example 3

Show, and then clear the configuration details.

```
$ jfrog mc c show  
$ jfrog mc c clear
```