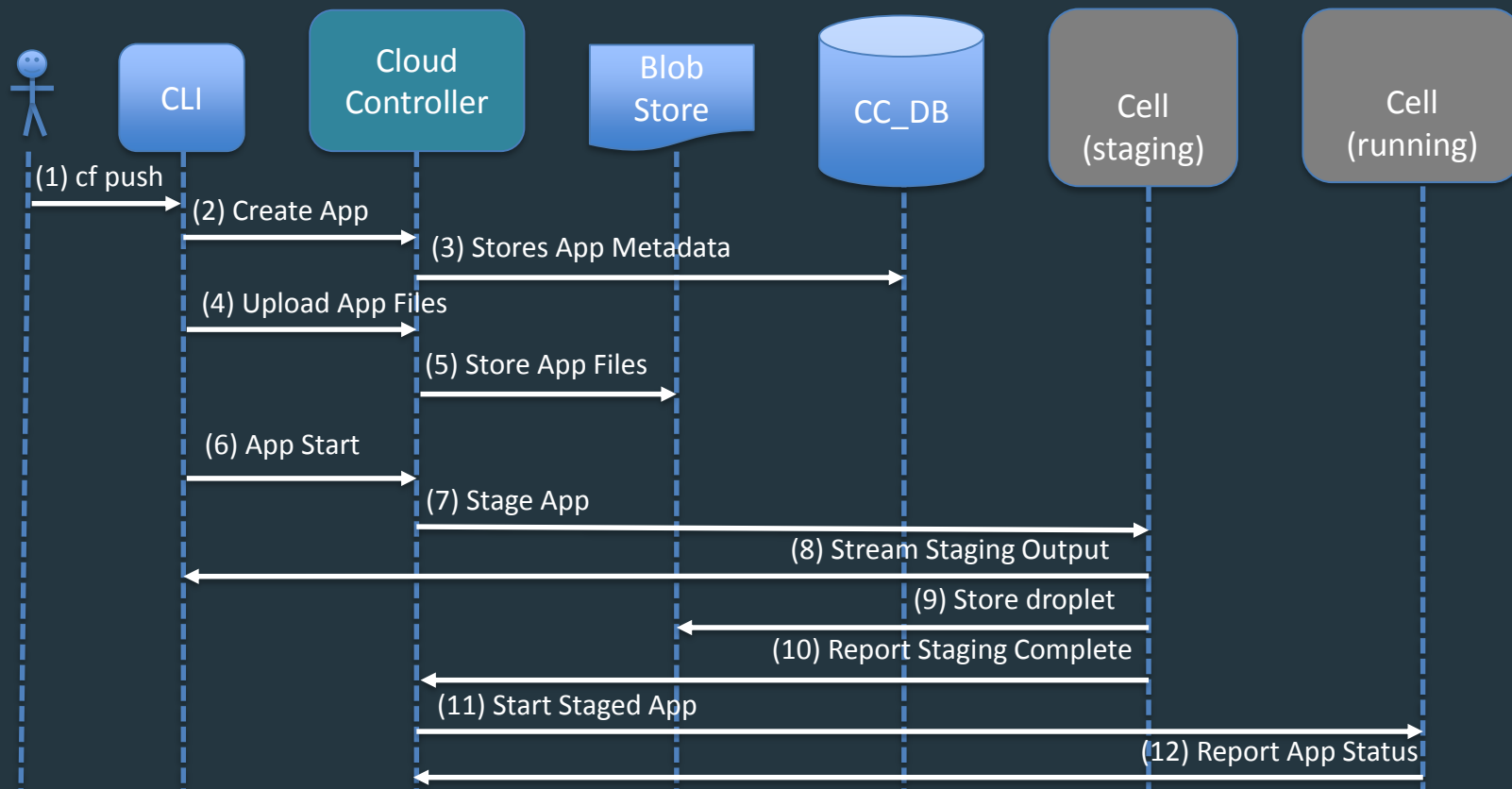


# Buildpack

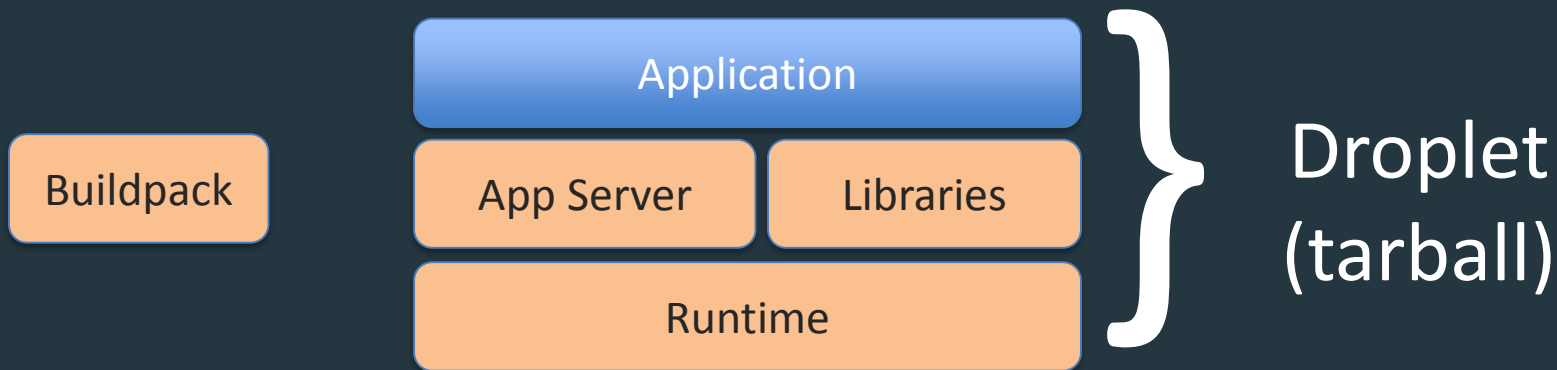
## Agenda

1. Review Staging
2. Buildpack API

# Review Pushing An App



# Droplet



## Agenda

1. Review Staging
2. Buildpack API

## Buildpack API

`bin/detect`

Determines whether the buildpack can stage the application

`bin/compile`

Builds the droplet

`bin/release`

Provides information on how to run the application

bin/detect

Detection criteria:

Ruby	Gemfile exists
Node	Package.json exists
Python	Setup.py exists

## bin/detect

```
$ cf push
```

Cell iterates over all admin and system  
buildpacks calling:

```
bin/detect scripts
```

until one returns exit code 0

```
$ cf push -b <url|name>
```

```
bin/detect
```

is not called.



bin/compile

Provide any of the following if needed:

Runtime	Java VM, Ruby Interpreter, JavaScript Interpreter
App Server	Tomcat, Nginx, WEBrick
Support Libraries	Ruby gems, NPM packages, APM agents

bin/release

Output a YAML document in the following form:

```
config_vars:  
  name: value  
default_process_types:  
  web: <start command>
```

Only the **web: value** is used to get the start command for the app

A dark, atmospheric photograph of the Golden Gate Bridge in San Francisco. The bridge's iconic red-orange towers and suspension cables are visible, extending from a steep, rocky cliff on the left towards the right. The bridge is partially shrouded in a thick, low-lying fog or mist that fills the background and the water below. The sky is a uniform, dark grey, contributing to the moody and dramatic feel of the image. The overall lighting is very low, with the bridge's structure being the primary light source against the dark surroundings.

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