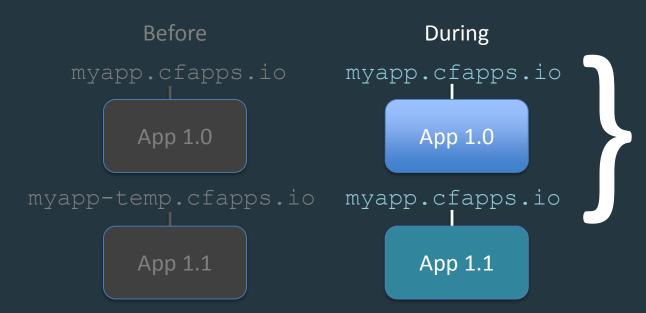
Agenda

- 1. Blue-Green Routing
- 2. Implications on App Design

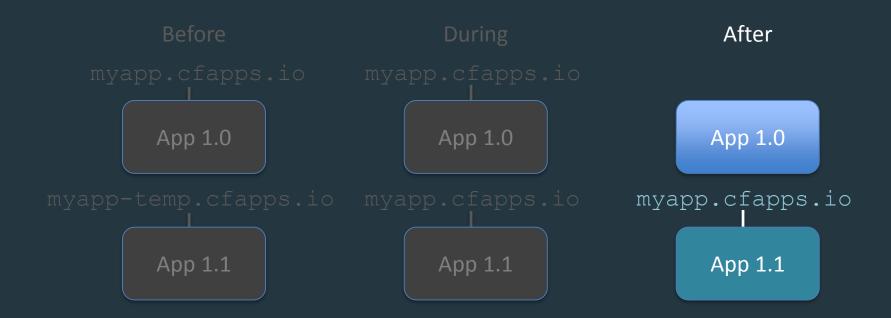
Zero downtime when upgrading can be accomplished with blue-green deployments.







Distribution of traffic is controlled by the percentage of app instances per version against the total number of app instances bound to the route.



Agenda

- 1. Blue Green Routing
- 2. Implications on App & Data Model Design

Serializing Objects

If using serializing objects, don't make destructive changes.

e.g. don't remove fields, do have a serialVersionUID

The 12 Factors

Admin Processes

Admin Processes

Run admin/mgmt tasks as one-off processes.

e.g. migrating data

Database

Do make changes idempotent.

e.g. copy data to a new field (don't delete data)

Database

No destructive database changes allowed.

e.g. don't drop a column

Database

Do have backwards compatible changes.

e.g. nullable fields

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