

# Pivotal Cloud Foundry

## Review Questions

**Do you understand Cloud Foundry concepts like spaces, organizations, routes, services, domains, users, quotas?**

## How do you login to Cloud Foundry?

```
$ cf login [-a API_URL] [-u USERNAME]
```

How do you deploy an application? What are three activities involved?

```
$ cf push APP_NAME
```

**Can you remember the steps Cloud Foundry goes through when deploying applications? What components are involved?**

**What is the difference between a public, private and hybrid cloud?**

**What infrastructure does Cloud Foundry runs on?**

**What is BOSH? Why is it useful?**



**What is staging? What does it do?**

**Do you know the difference between restarting, restaging and redeploying an application? How does each of these affect the services, environment-variables available on an application?**

**What is meant by ephemeral? What are the design implications for an application?**

**What are the 12 Factor Design patterns? Could you list each one from memory?**

**Why does Cloud Foundry rely on environment-variables?**

**Can you manage environment-variables manually?  
If so how?**

**Can you name two predefined environment-variables available to any application?**

