

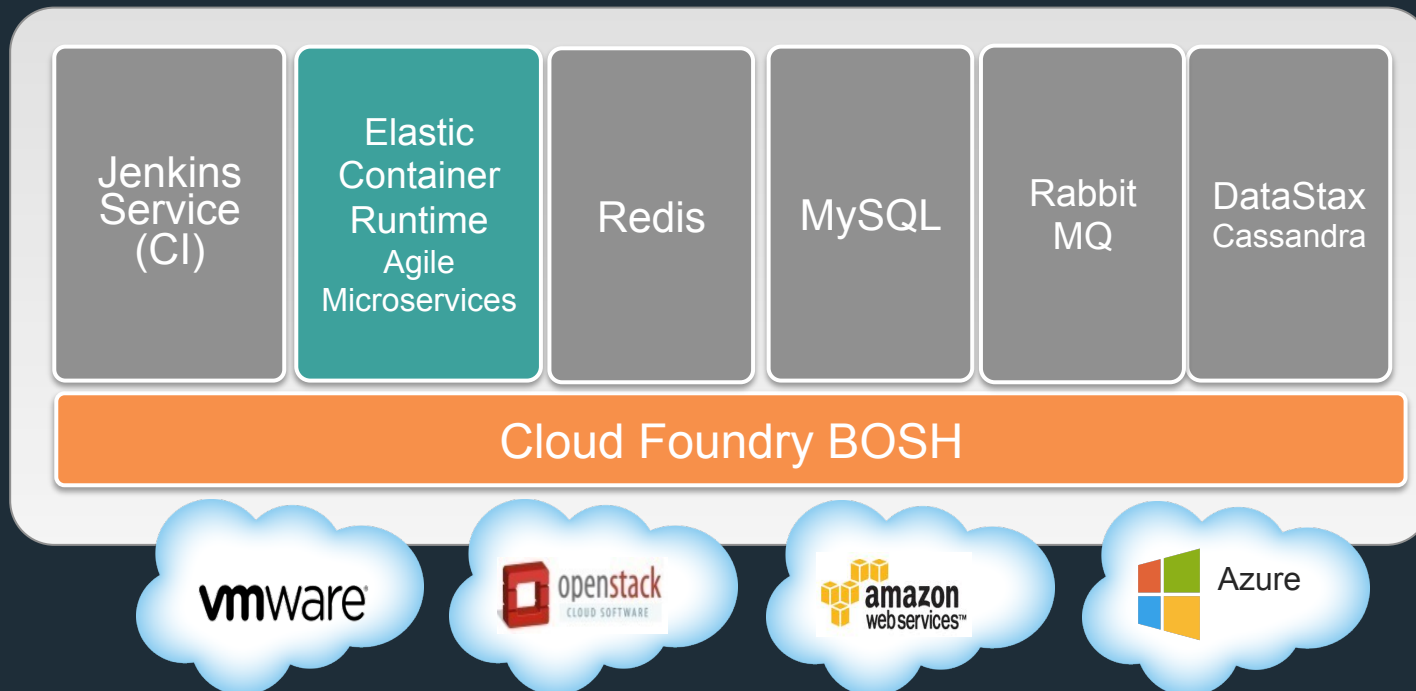
The background image is a photograph of a busy port, likely the Port of Oakland, featuring several large gantry cranes and a container ship named 'HYK ATLAS' loaded with colorful shipping containers. The image is overlaid with a semi-transparent dark blue filter.

# Pivotal Cloud Foundry

## Labs Review – PCF Architecture & CF Push

# The Whole Stack

# A Multi-Cloud Platform: Cloud Foundry



Elastic managed runtime service integrated into leading data services; all scaled and managed by CF BOSH

Multi-Cloud Declarative Service Deployment, Operations

**Pivotal Cloud Foundry**

**Platform Access**

**Ops Manager**

**Elastic Container Runtime**

**Service**

**Service**

**Application  
Access**

**Logging / Metrics**

Dynamic Router



**BOSH - Automation Layer**

**vmware**

**openstack**  
CLOUD SOFTWARE

**amazon**  
web services™

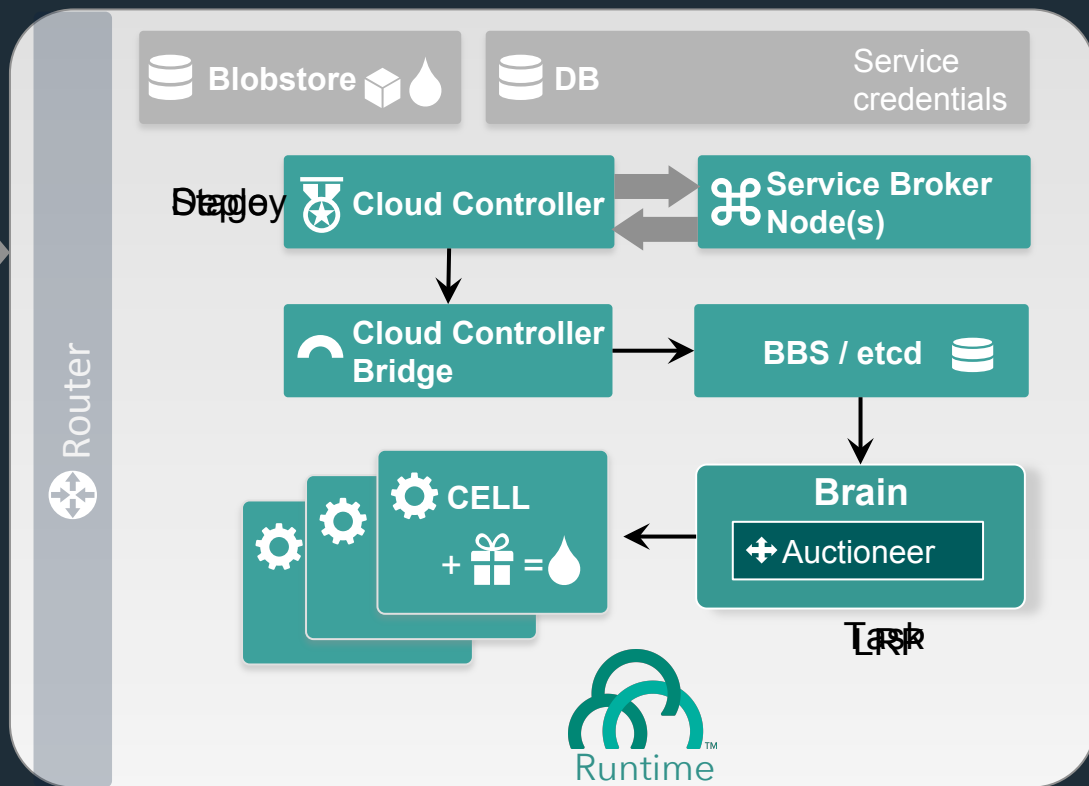
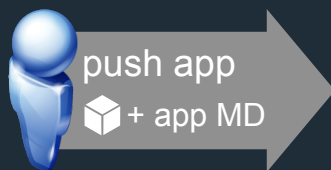
**Azure**

**Pivotal™**

# Pushing An App

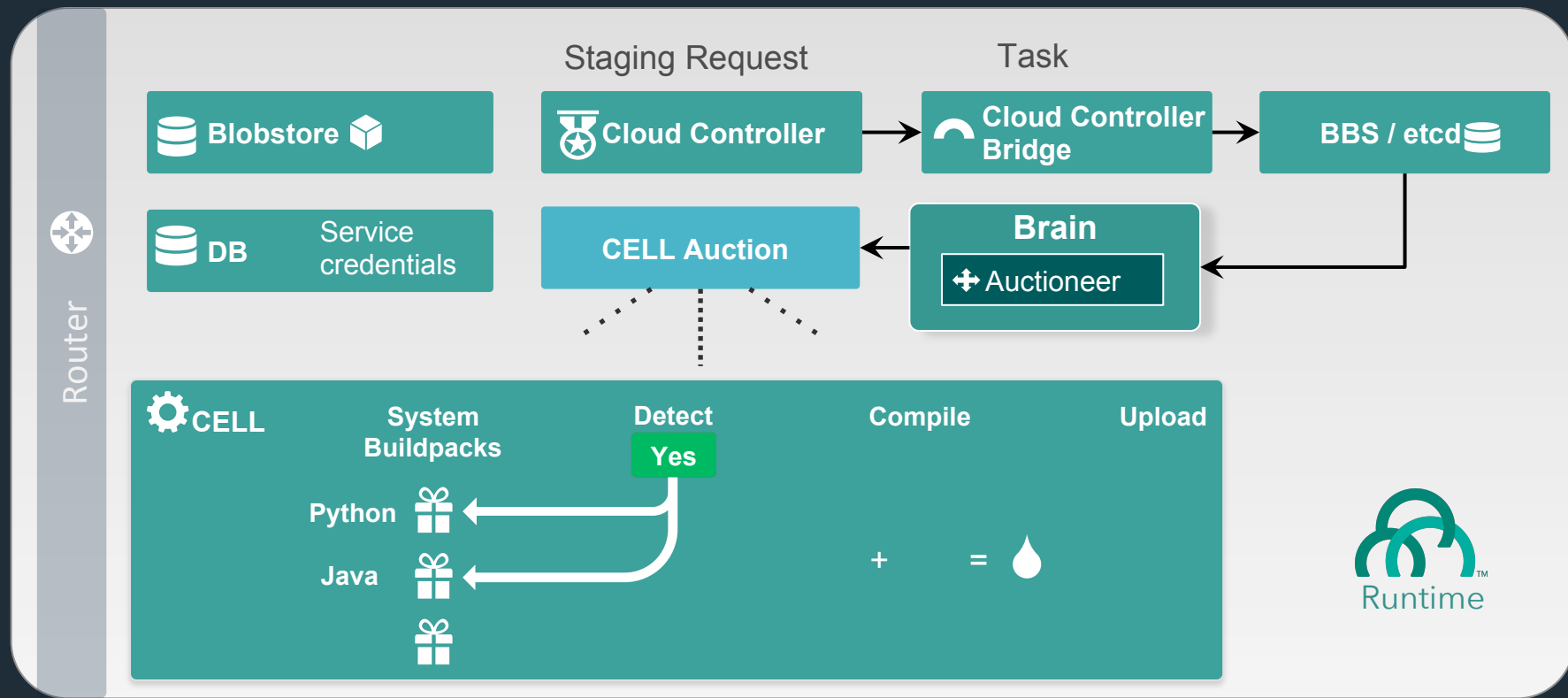
# Overview: Pushing an Application

- ① Upload app bits and metadata
- ② Create and bind services
- ③ Stage application
- ④ Deploy application
- ⑤ Manage application health



# Staging An App

# Staging an Application





The background image shows a busy port scene. Several large gantry cranes are visible, with "PORT OF OAKLAND" written on their sides. In the foreground, a container ship is docked, with "HYK ATLAS" and "PARANA" visible on its hull. The ship's deck is filled with colorful shipping containers. The sky is clear and blue. The overall image has a semi-transparent dark blue overlay.

# Pivotal Cloud Foundry

## Architecture – Labs Review