

# Ops Manager

## Agenda

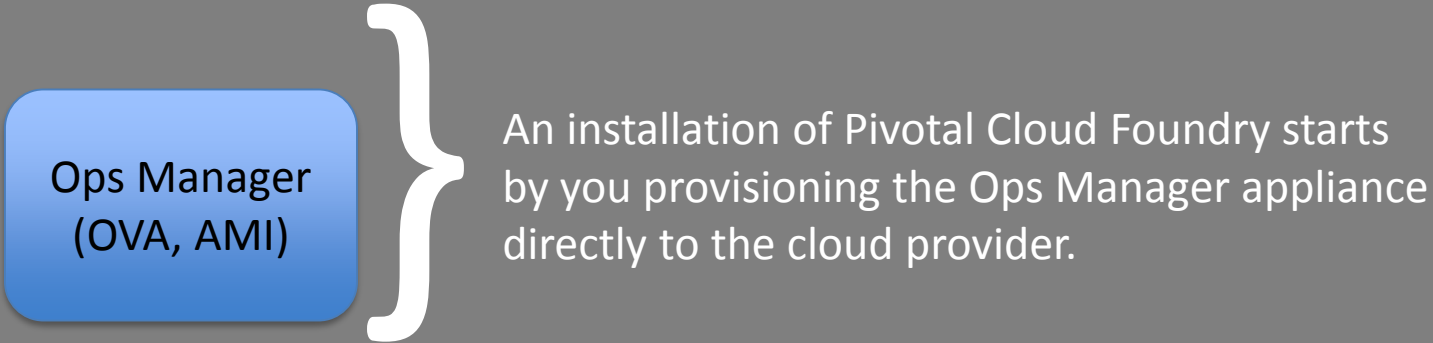
1. Understanding a PCF Deployment
2. Availability Zones
3. Network Topology

## Pivotal Cloud Foundry Deployment

Pivotal Cloud Foundry requires a cloud to run on.

Cloud Provider (vSphere, AWS, OpenStack, Azure and others)

# Pivotal Cloud Foundry Deployment



Ops Manager  
(OVA, AMI)

The diagram features a blue rounded rectangle on the left containing the text 'Ops Manager (OVA, AMI)'. To its right is a large white closing curly brace '}'. Further right is a paragraph of text. At the bottom center, there is a line of text. The entire content is enclosed in a light gray rounded rectangle with a dark blue border.

An installation of Pivotal Cloud Foundry starts by you provisioning the Ops Manager appliance directly to the cloud provider.

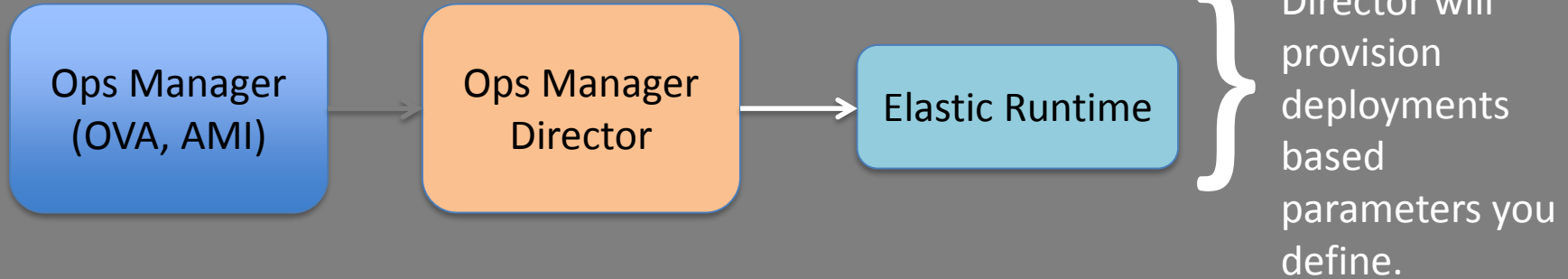
Cloud Provider (vSphere, AWS, OpenStack, Azure and others)

# Pivotal Cloud Foundry Deployment



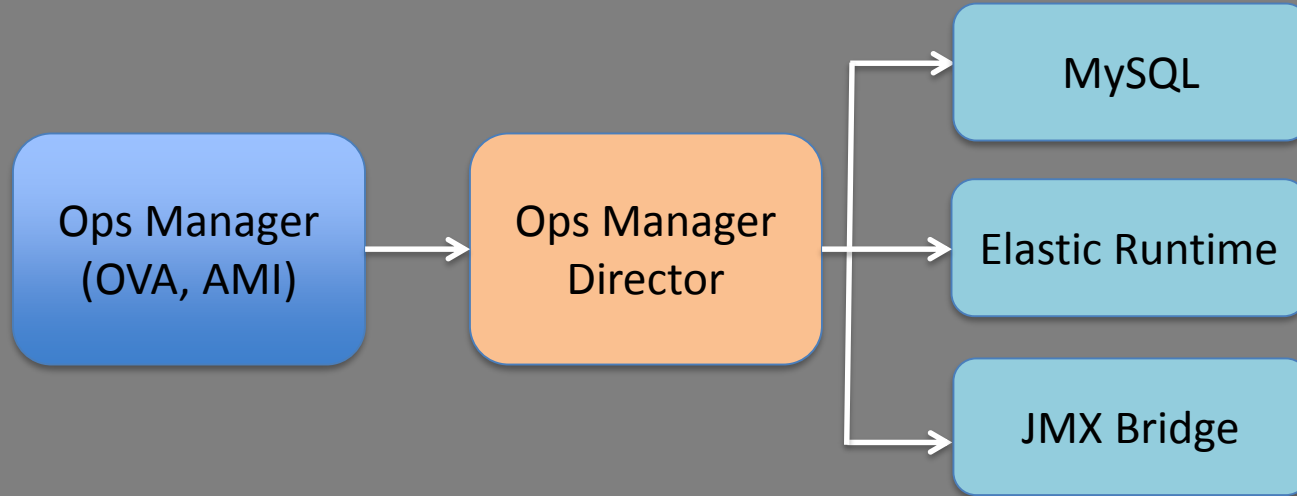
Cloud Provider (vSphere, AWS, OpenStack, Azure and others)

# Pivotal Cloud Foundry Deployment



Cloud Provider (vSphere, AWS, OpenStack, Azure and others)

# Pivotal Cloud Foundry Deployment



Cloud Provider (vSphere, AWS, OpenStack, Azure and others)

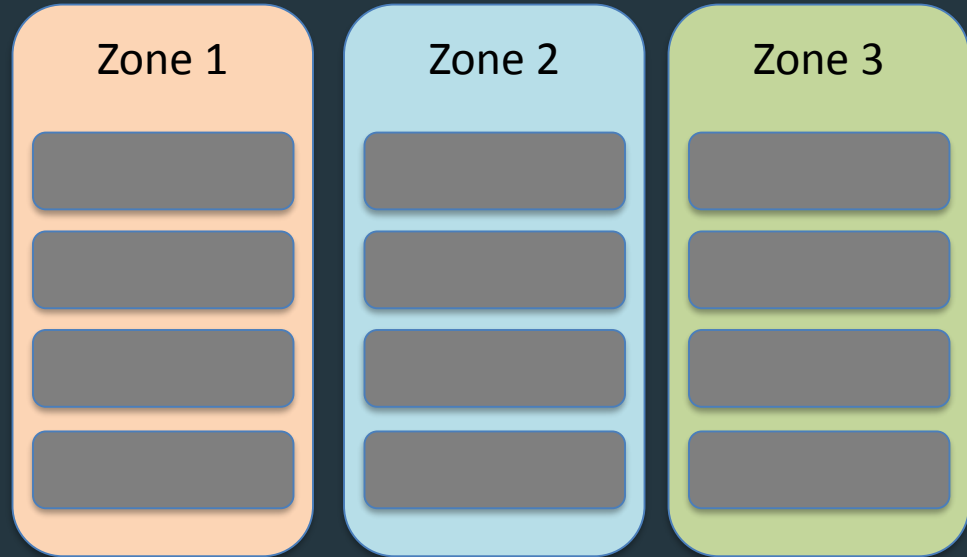
## Agenda

1. Understanding a PCF Deployment
2. Availability Zones
3. Network Topology



## Availability Zones

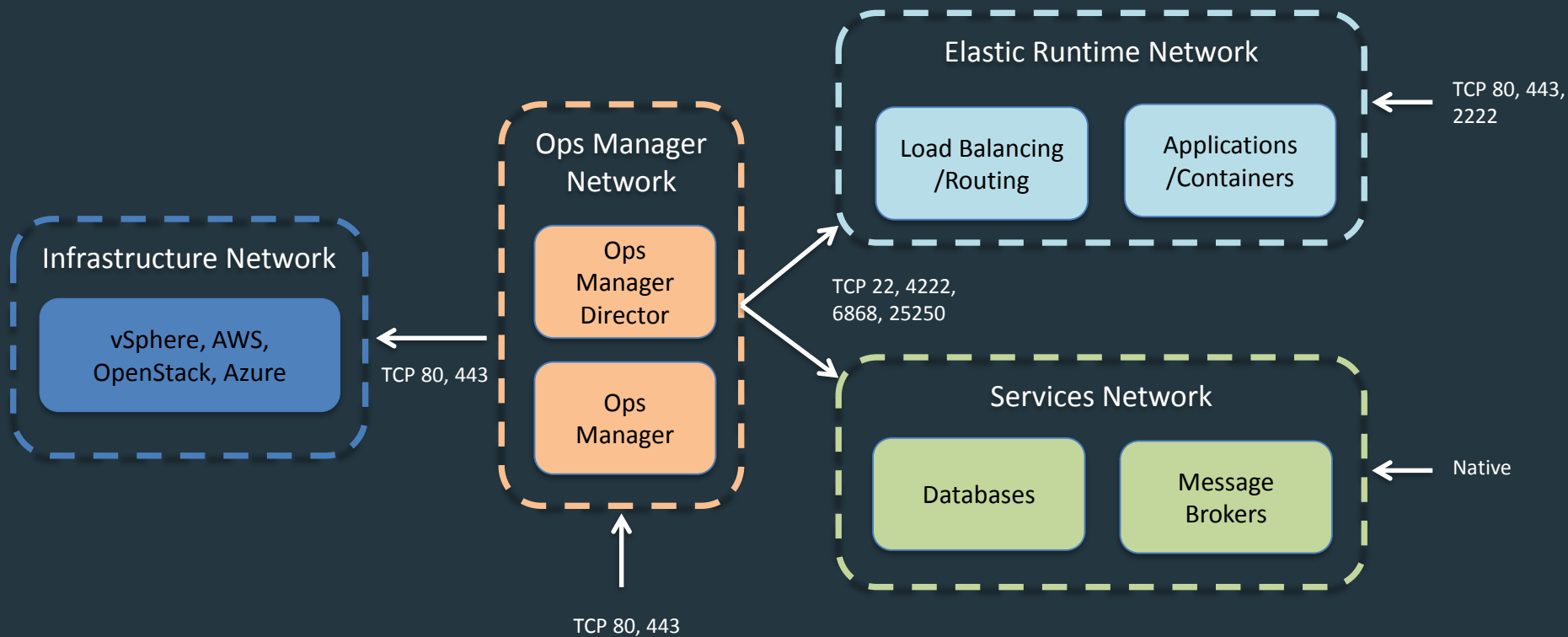
- Distribute PCF jobs across physical hardware racks to increase HA
- Zones should be isolated to a physical hardware rack



## Agenda

1. Understanding a PCF Deployment
2. Availability Zones
3. Network Topology

# Network Topology



Reference architectures: <http://docs.pivotal.io/pivotalcf/1-9/refarch/index.html>

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.

# Pivotal®

Transforming How The World Builds Software