

Ansible Automation Platform 2 on OpenShift

Mark Hooper

Senior Specialist Solution Architect



Red Hat

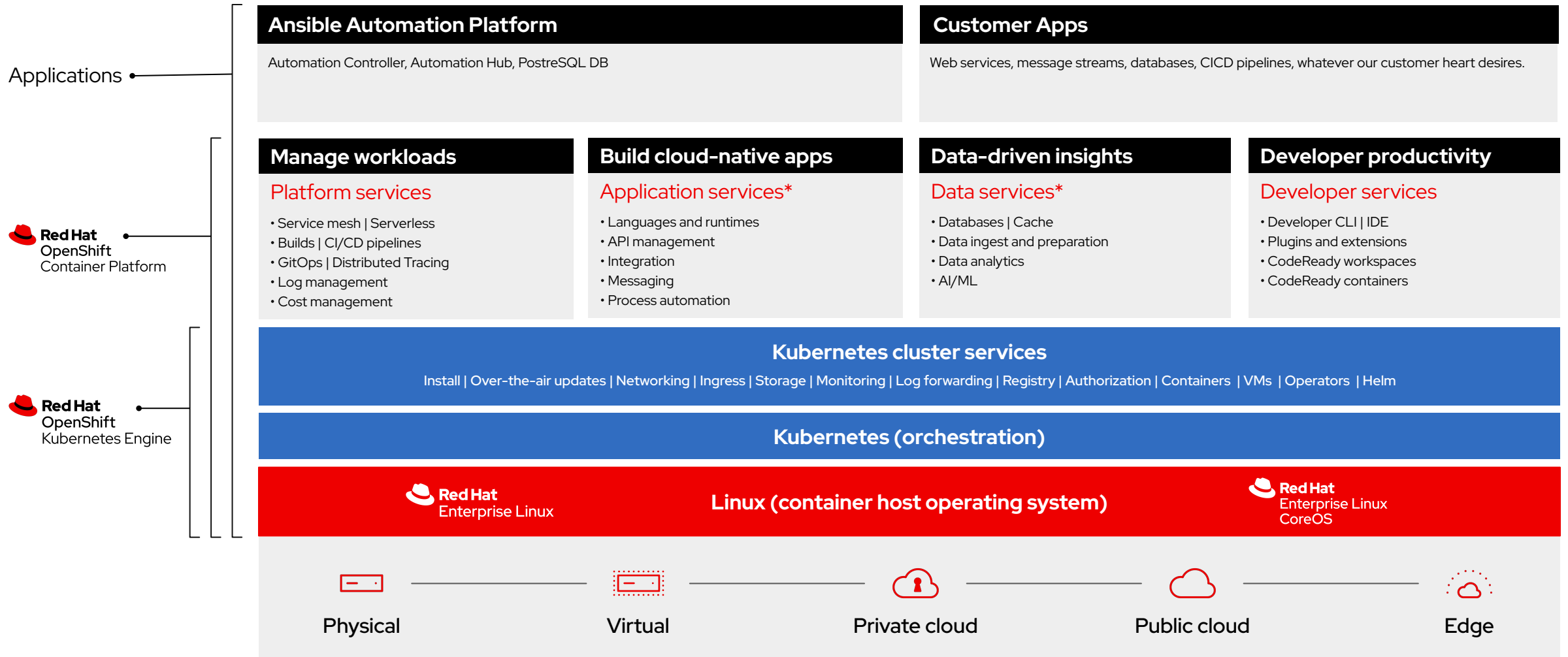
Ansible Automation Platform

Agenda

- Quick Platform Overview
- Requirements
- Demo

Architecture

OpenShift Architecture



* Red Hat OpenShift® includes supported runtimes for popular languages/frameworks/databases. Additional capabilities listed are from the Red Hat Application Services and Red Hat Data Services portfolios.

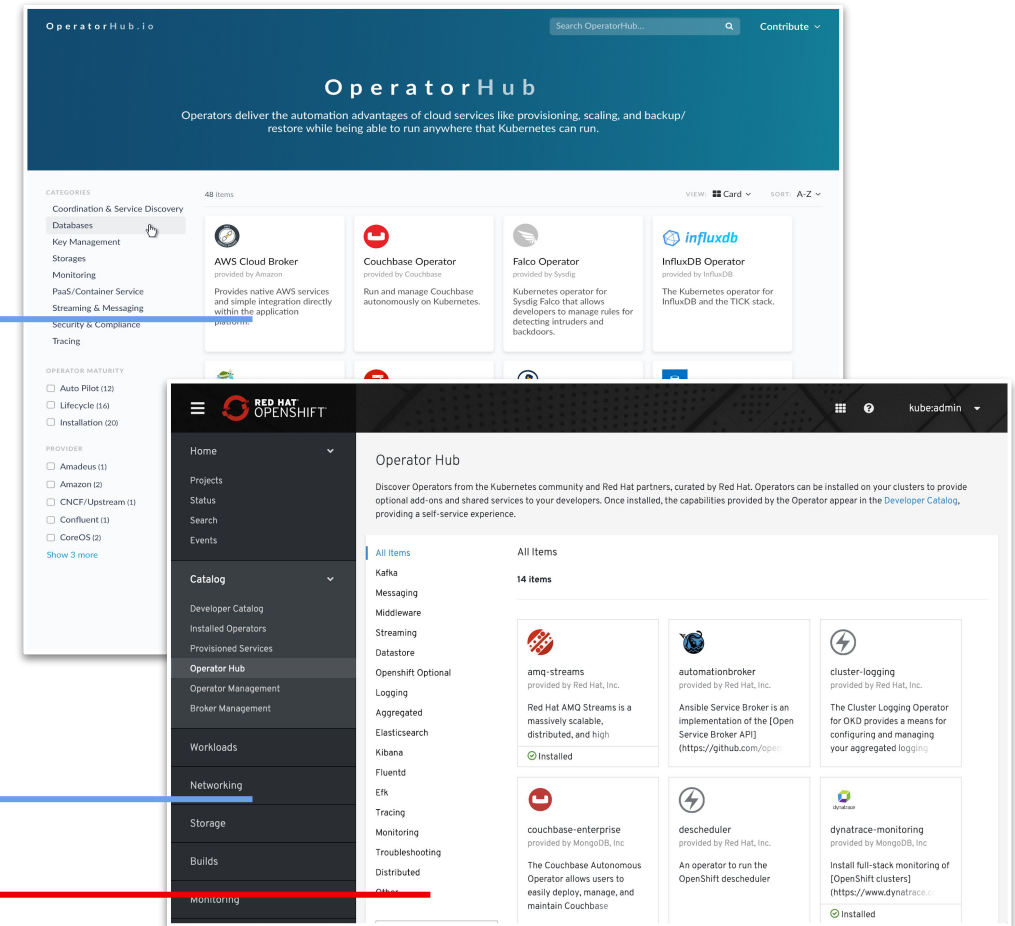
** Disaster recovery, volume and multicloud encryption, key management service, and support for multiple clusters and off-cluster workloads requires OpenShift Data Foundation Advanced

Operators & OperatorHub

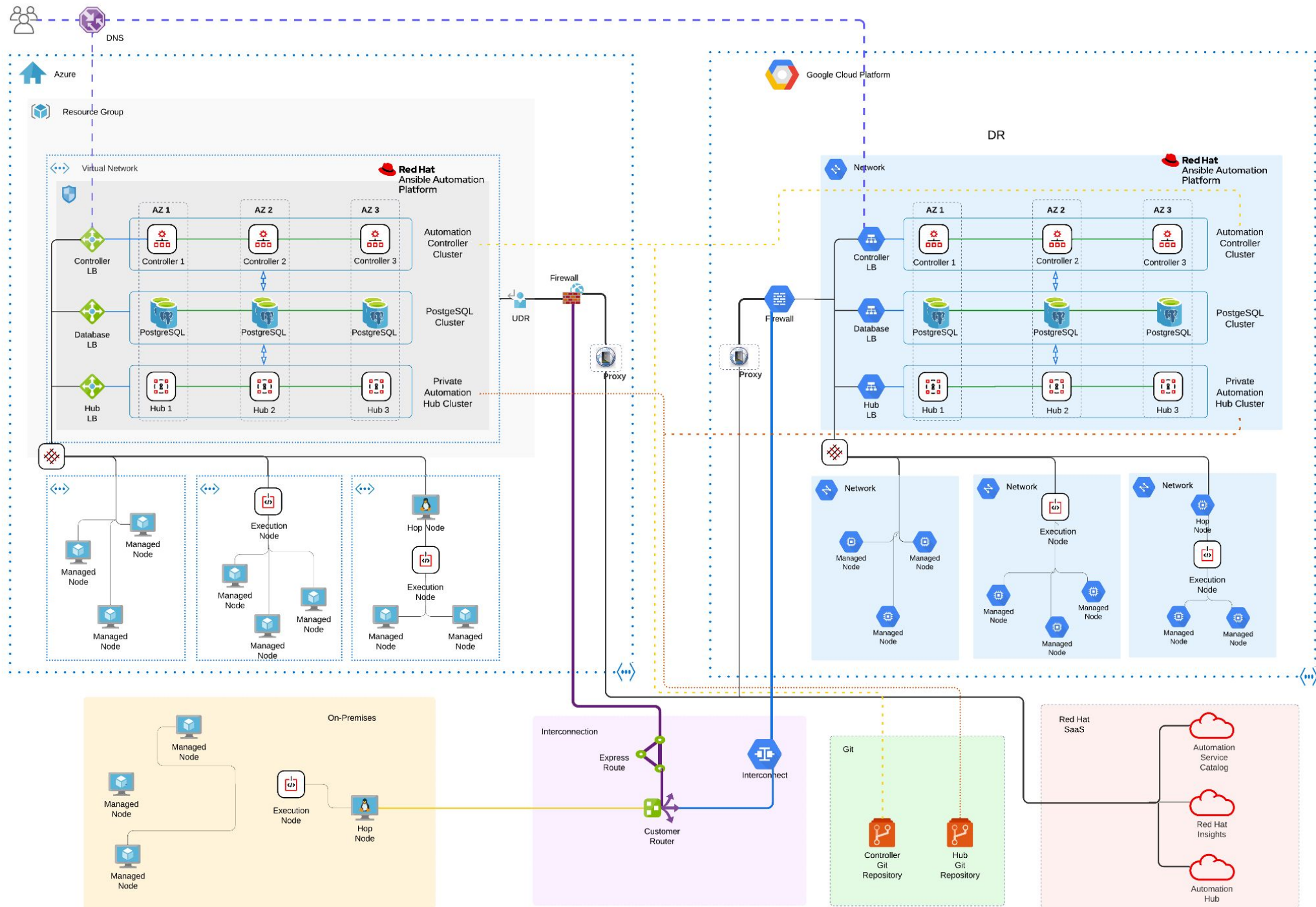
- OperatorHub.io launched by Red Hat, AWS, Microsoft and Google
- OpenShift Operator Certification
- OperatorHub integrated into OpenShift 4

COMMUNITY OPERATORS

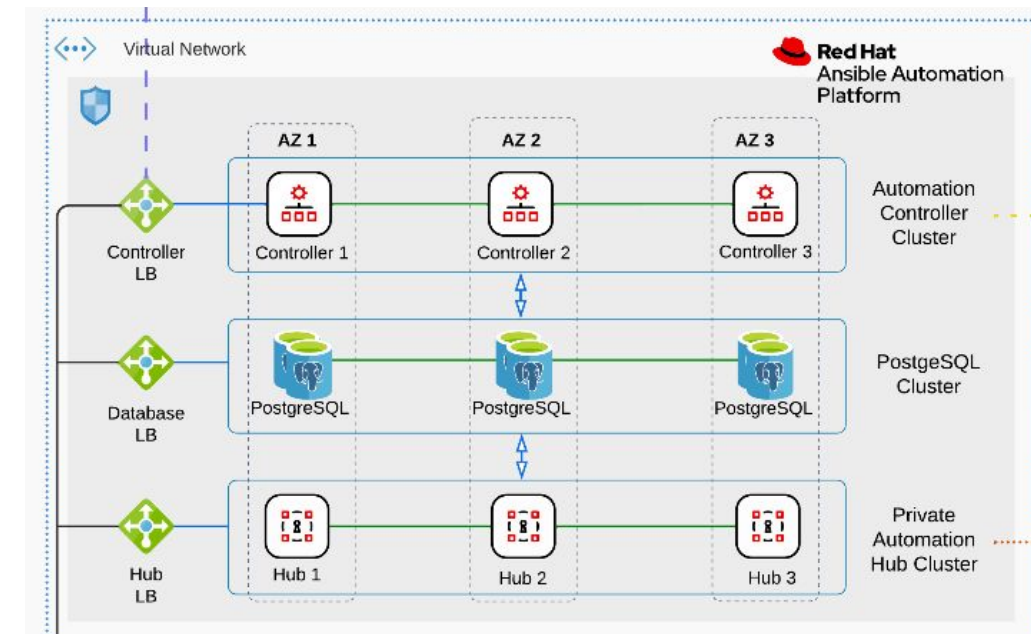
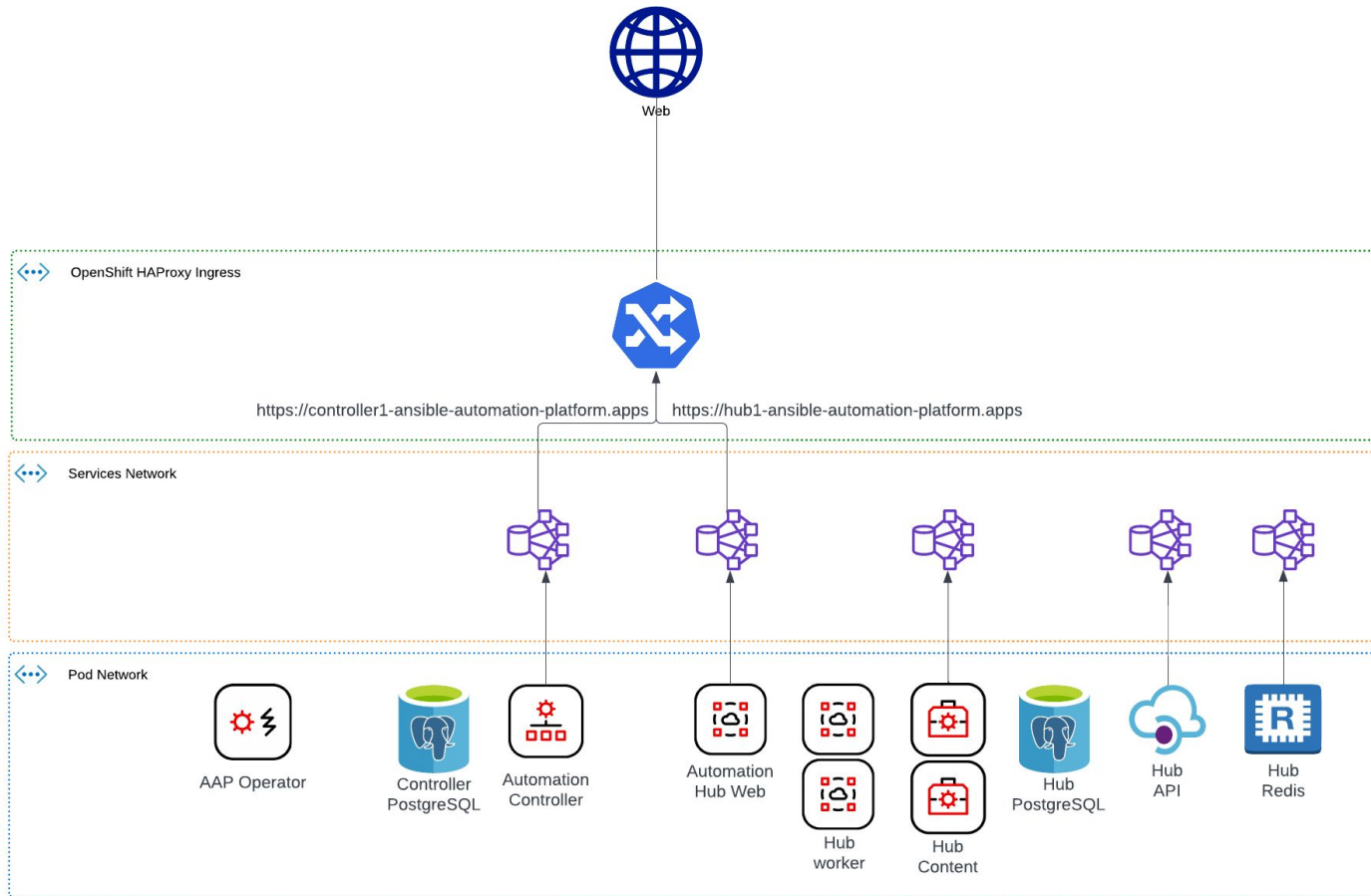
OPENSIFT CERTIFIED OPERATORS



AAP Architecture



OpenShift vs Traditional VM Based Deployment



Requirements

Requirements

- ▶ OpenShift 4.7 cluster or newer
- ▶ ReadWriteMany & Filesystem type storage
 - OpenShift Data Foundations, aka ocs-storagecluster-cephfs
- ▶ Double check your vendors NFS CSI driver as it may not support ReadWriteMany (RWX) on Filesystem type PersistentVolumes.

Documentation

Redhat AAP Installation Docs

https://access.redhat.com/documentation/en-us/red_hat_ansible_automation_platform/2.1/html/red_hat_ansible_automation_platform_operator_installation_guide/index

Ansible Operator Yaml

<https://github.com/h00pz/ocp-build/tree/master/tower>

Demo Time

Thank you

 [linkedin.com/company/red-hat](https://www.linkedin.com/company/red-hat)

 [youtube.com/user/RedHatVideos](https://www.youtube.com/user/RedHatVideos)

 [facebook.com/redhatinc](https://www.facebook.com/redhatinc)

 twitter.com/RedHat