
AWS
re:Invent

CON211

Red Hat OpenShift Service (ROSA) on AWS

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Agenda

What is Red Hat OpenShift?

Current OpenShift deployment options on AWS

How ROSA addresses current challenges

A behind-the-scenes look at ROSA

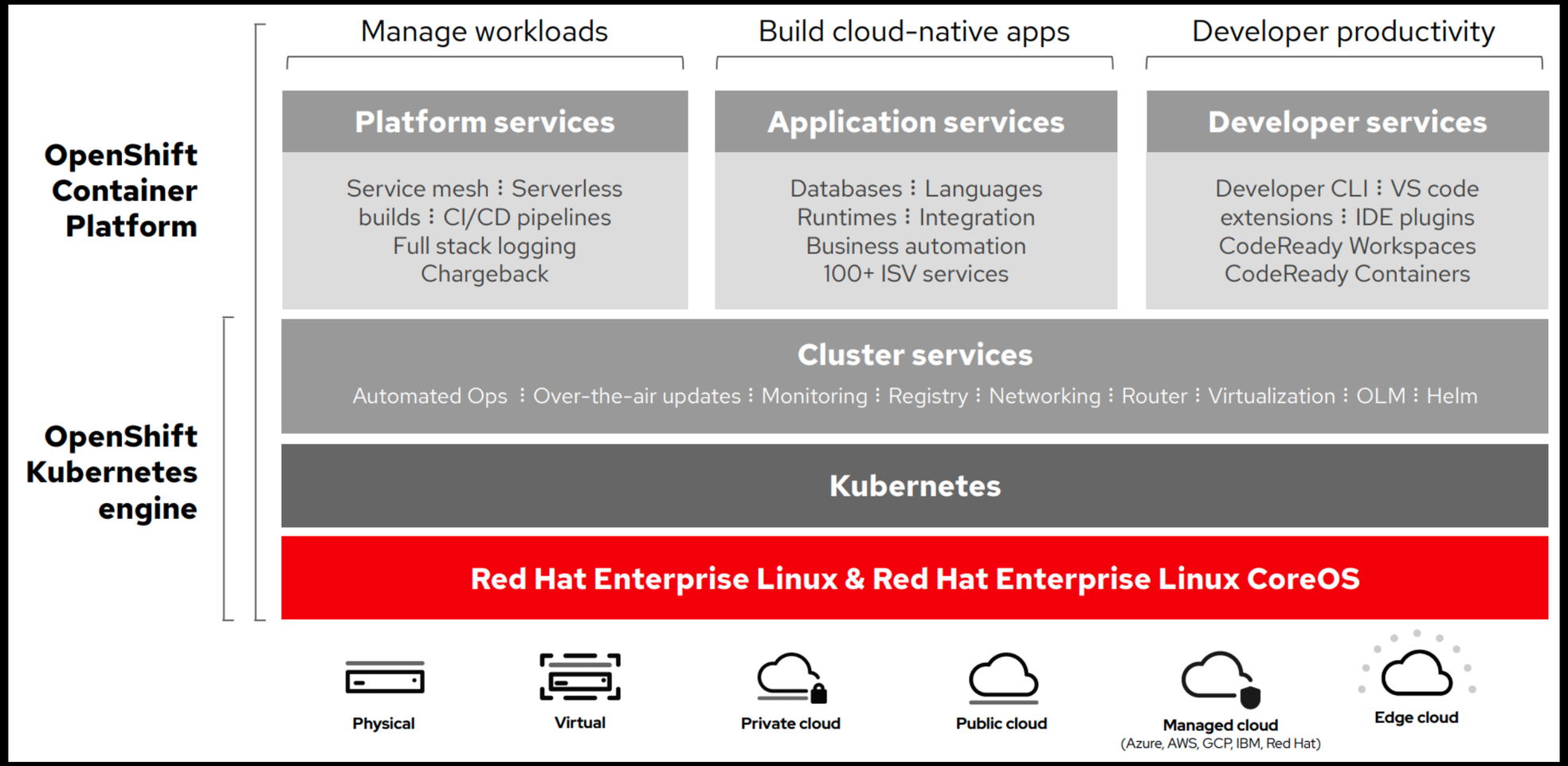
ROSA Demo

How to get started



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What is Red Hat OpenShift?



- Services above the Kubernetes layer
- Builds on Red Hat Enterprise Linux
- Seamless Kubernetes deployment
- Fully automated installation
- 1-click platform updates
- Scaling of cloud resources

Current OpenShift deployment options on AWS

	OpenShift Container Platform	OpenShift Dedicated
	Build and manage in house	Consume as service
Key Uses	Customers with skills to manage their own environment	Customers who want to avoid managing the environment and focus on the application
Customer Value	Customizable installation, integration points, tooling, and management	Consistency across environments and is fully managed
Best For	Customers who need to self manage and have a requirement for a high degree of customization	Customers with a large Red Hat footprint and want a fully managed service from Red Hat

Overview of Deployment Models

	OpenShift Container Platform	OpenShift Dedicated	Red Hat OpenShift Service on AWS
	Build and manage in house	Consume as service	Consume as service
Key Uses	Customers with skills to manage their own environment	Customers who want to avoid managing the environment and focus on the application	
Customer Value	Customizable installation, integration points, tooling, and management	Consistency across environments and is fully managed	Consistency, managed, purchased, supported and pay-as-you-go pricing through AWS
Best For	Customers who need to self manage and have a requirement for a high degree of customization	Customers with a large Red Hat footprint and want a fully managed service from Red Hat	Customers who want an AWS OpenShift experience with close integration to AWS services

ROSA differentiation



Console service

- Create OpenShift clusters from the AWS console or CLI
- AWS integrated experience for cluster creation and management
- Foundation based on RHEL



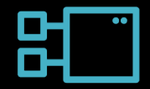
Unified bill

- Leverage your existing AWS commitment to use OpenShift
- Get a single unified bill from AWS for both OpenShift and AWS consumption



Joint support

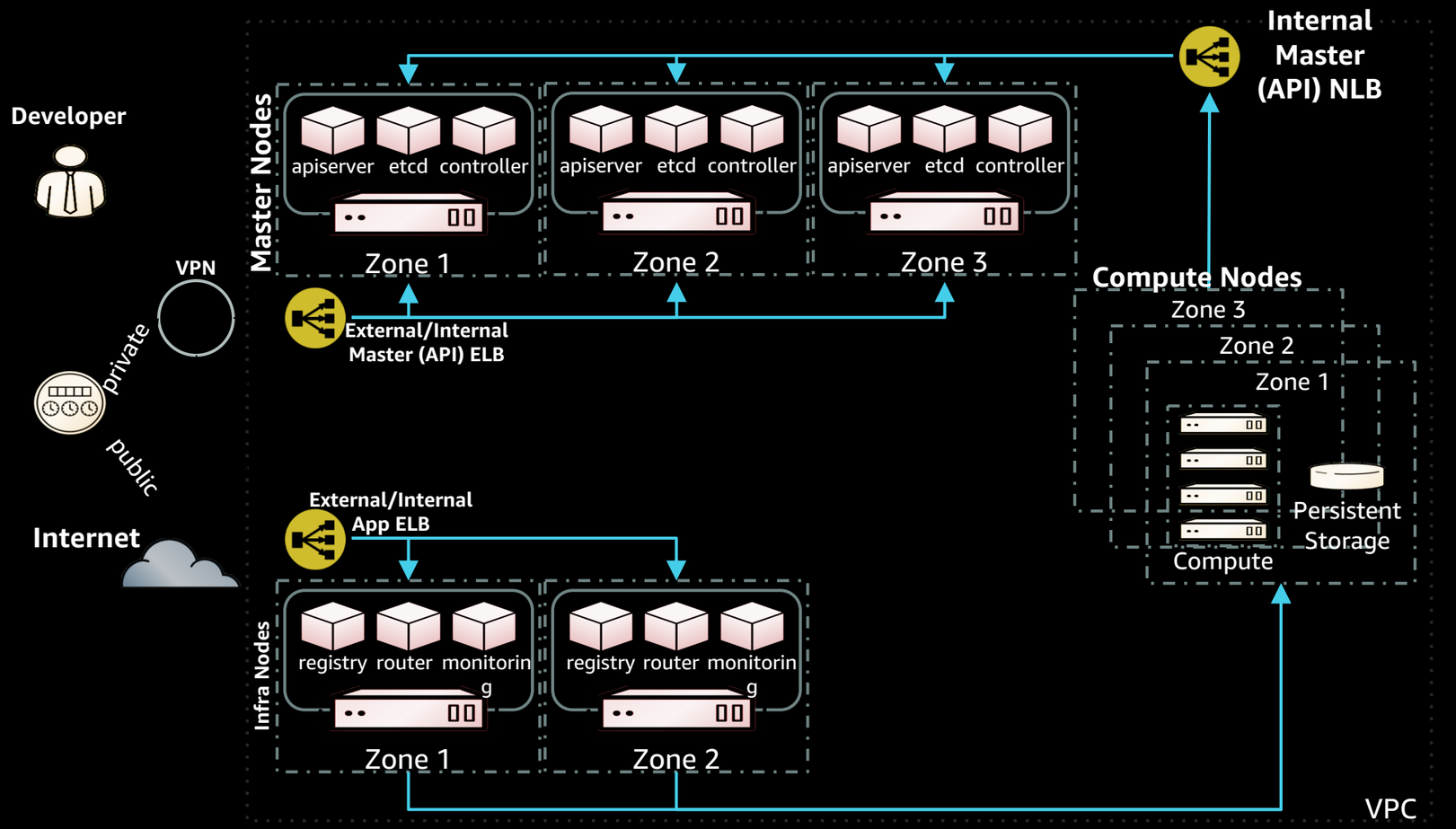
- Integrated support systems
- Contact Red hat or AWS support
- Built on Red Hat and AWS' decades of enterprise IT knowledge and experience



Integration with AWS

- Build containerized applications that integrate natively with the more than 170 AWS cloud-native services

ROSA architecture



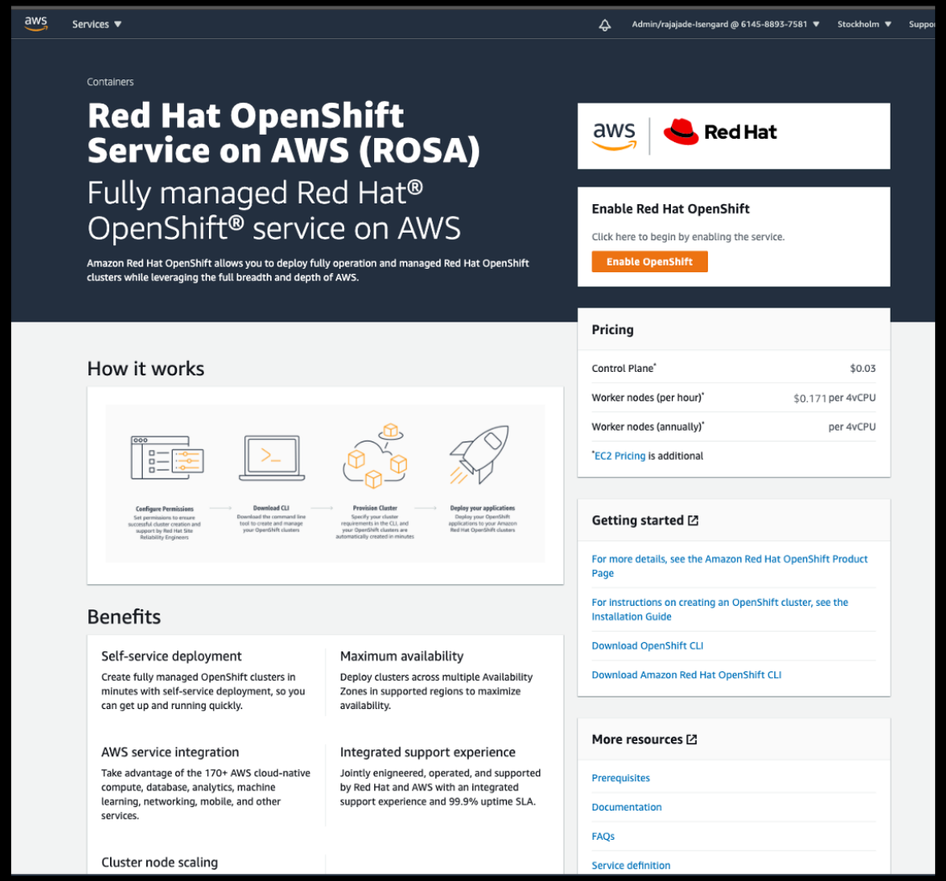
How to get started

ROSA PREVIEW STARTS NOW, GA IN Q1-2021

If you're interested in the ROSA Preview please follow the registration link on this page:

https://aws.amazon.com/rosa/

ROSA will be GA in Q1, 2021



Thank you!



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