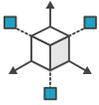


Kubernetes on AWS with Heptio

Increase development velocity and efficiency



Heptio is an APN Technology Partner

Challenges

Many organizations like yours adopt Kubernetes to automate container deployments. To get the most value out of Kubernetes, you may need access to Kubernetes expertise, including validated designs, technologies to simplify management and expert guidance at every step of your journey. It is important to keep uptime, performance, recovery, and other related factors in mind when developing your Kubernetes management solution to ensure it works for your enterprise, which can be a challenge when you're managing large volume of clusters without the right management tools.

Solution

Heptio Kubernetes Subscription (HKS) enables you to adopt Kubernetes in production with validated designs for deployment, operations runbooks, Heptio tools that improve usability, plus 24x7 proactive and break-fix support. HKS can help you get more business value out of Kubernetes. With this solution, you deploy and manage Kubernetes clusters on Amazon Web Services (AWS) using [Amazon Elastic Container Service for Kubernetes](#) (Amazon EKS) or Amazon Elastic Compute Cloud (Amazon EC2).

Benefits

Heptio makes it easier to deploy and manage Kubernetes projects on AWS, with pragmatic solutions to address your organization's needs.



Validated designs

Leverage industry-standard best practices for deploying and operating Kubernetes.



Flexibility

Avoid vendor and distribution lock-in, with extensive application portability.



24x7 support

Get round-the-clock proactive and break-fix support for your Kubernetes deployments.



Map to Kubernetes Future

Heptio is founded by the creators of Kubernetes and actively contributes to the open source community.

Solution Space

Discover scalable and secure solutions that will empower you to achieve your business needs with Amazon Web Services (AWS) and AWS Partner Network (APN) Partners that have attained AWS Competency designations. Customer ready solutions are based on architectures validated by AWS, include a combination of AWS services and APN Partner technologies, can be deployed quickly with solution accelerators like AWS Quick Starts, and feature optional consulting offerings provided by APN Partners, to accelerate your cloud transformation.

[Visit here for more information.](#)

Solution overview



Heptio Consulting Offer

Heptio has developed a consulting offer to jumpstart your adoption of Kubernetes on AWS. This consulting offer will provide your developers and IT teams with expert advice and customized, validated Kubernetes configurations on AWS, built on open-source technology.

How it works

Heptio enables you to unlock the full potential of upstream Kubernetes, so you can avoid distribution lock-in. You can scale your footprint without the expense of per-node or per-server pricing. Heptio helps you multiply developer velocity and resource efficiency, with a combination of validated designs, Heptio tools, and the expertise of two Kubernetes co-founders.

Parts

Kubernetes binaris

Upstream or Heptio-supplied signed binaries

Validated designs

Industry best practices for deploying and managing open source Kubernetes clusters

Tools

Operational toolkit

Tools that can help streamline deployment and maintenance

Heptio open-source

Projects that can improve the cost and complexity of running Kubernetes

Expertise

Proactive guidance

Dedicated customer reliability engineers that help you stay ahead of issues

24x7 support

Break-fix support for your Kubernetes deployment

Getting started

A Quick Start was made by AWS in partnership with Heptio. This Quick Start includes AWS CloudFormation templates that launch and configure all necessary AWS resources for your Kubernetes cluster.

Visit the solution page: [Heptio Kubernetes](#)

View the Quick Start: [Kubernetes Quick Start](#)

View the Deployment Guide: [Deployment Guide](#)



About AWS: For 10 years, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud platform. AWS offers over 100 services for compute, storage, databases, analytics, mobile, Internet of Things (IoT) and enterprise applications from 49 Availability Zones (AZs) across 18 geographic regions in the United States, Canada, Europe, Asia, Australia and South America. AWS services are trusted by more than a million active customers around the world – including the fastest growing startups, largest enterprises, and leading government agencies – to power their infrastructure, make them more agile, and lower costs. To learn more about AWS, visit <http://aws.amazon.com>.

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