Managed Kubernetes
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Banzai Cloud

The hard way

kelseyhightower / kubernetes-the-hard-way

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<> Code   ⊙ Issues 22   ⏸ Pull requests 24   ▥ Projects 0   ▦ Wiki   ▥ Insights

Bootstrap Kubernetes the hard way on Google Cloud Platform. No scripts.

⊙ 282 commits	1 branch	⬙ 5 releases	50 contributors	⚖ Apache-2.0

Branch: master ▾   New pull request   Create new file   Upload files   Find file   Clone or download ▾

kelseyhightower Update to Kubernetes 1.12.0 and add CoreDNS support   Latest commit bf28509 on Sep 30, 2018

📁 deployments	core workload api incl. Deployment now stable	a year ago
📁 docs	Update to Kubernetes 1.12.0 and add CoreDNS support	4 months ago
📄 .gitignore	Update to Kubernetes 1.10.2 and add gVisor support	8 months ago
📄 CONTRIBUTING.md	Add brief contribution guide	a year ago
📄 LICENSE	add LICENSE file	3 years ago
📄 README.md	Update to Kubernetes 1.12.0 and add CoreDNS support	4 months ago

📖 README.md

Kubernetes The Hard Way

This tutorial walks you through setting up Kubernetes the hard way. This guide is not for people looking for a fully automated command to bring up a Kubernetes cluster. If that's you then check out Google Kubernetes Engine, or the Getting Started Guides.

Kubernetes The Hard Way is optimized for learning, which means taking the long route to ensure you understand each task required to bootstrap a Kubernetes cluster.

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Managed Kubernetes

CNCF Cloud Native Interactive Landscape

The Cloud Native Trail Map (png, pdf) is CNCF's recommended path through the cloud native landscape. The cloud native landscape (png, pdf) and serverless landscape (png, pdf) are dynamically generated below. Please open a pull request to correct any issues. Greyed logos are not open source. Last Updated: 2019-01-22 00:19:42Z

You are viewing 33 cards with a total of 129 stars, market cap of $4.02T and funding of $1.19B.

Card Mode   Landscape   Serverless

CNCF Member Products/Projects (33)

Alibaba Cloud	Amazon EKS	Azure Container Service	Azure Kubernetes Service (AKS)	Microsoft Azure	Baidu Cloud
Alibaba Cloud Container Service MCap: $407B Alibaba Cloud	**Amazon Elastic Container Service for Kubernetes (EKS)** MCap: $829B Amazon Web Services	**Azure (ACS) Engine** ★123 Microsoft MCap: $827B	**Azure Kubernetes Service (AKS)** MCap: $827B Microsoft	**Azure Stack (ACS) Engine** ★4 Microsoft MCap: $827B	**Baidu Cloud Container Engine** MCap: $59.7B Baidu
catalyst cloud	CISCO	DigitalOcean	EasyStack	eBaoCloud enable connected insurance	eKing Technology 易|建|科|技
Catalyst Kubernetes Service ★2 Catalyst Cloud	**Cisco Container Platform** MCap: $202B Cisco	**DigitalOcean Kubernetes** Funding: $305M DigitalOcean	**EasyStack Kubernetes Service (EKS)** Funding: $110M EasyStack	**eBaoCloud** eBaoTech Corporation	**eKing Cloud Container Platform** Hainan eKing Technology
Google Kubernetes Engine	HARMONY CLOUD	HASURA	HUAWEI	IBM Cloud Kubernetes Service	intellect SEEC
Google Kubernetes Engine (GKE) MCap: $766B Google	**HarmonyCloud Container Platform** Hangzhou Harmony Technology	**Hasura** Funding: $1.6M Hasura	**Huawei Cloud Container Engine (CCE)** Huawei Technologies	**IBM Cloud Kubernetes Service** MCap: $113B IBM	**Intellect FABRIC** MCap: $28.1B Intellect Design
NUTANIX	ORACLE	OVH Innovation for Freedom	rackspace	SAMSUNG SAMSUNG SDS	SAP
Nutanix Karbon MCap: $9.34B	**Oracle Container Engine** MCap: $177B	**OVH Managed Kubernetes Service** Funding: $737M	**Rackspace Kubernetes-as-a-** Funding: $17.8M	**Samsung SDS Kubernetes Service**	**SAP Certified Gardener** MCap: $125B

3

Kubernetes platforms

I have a Kubernetes cluster, but I still don't know how to use it!
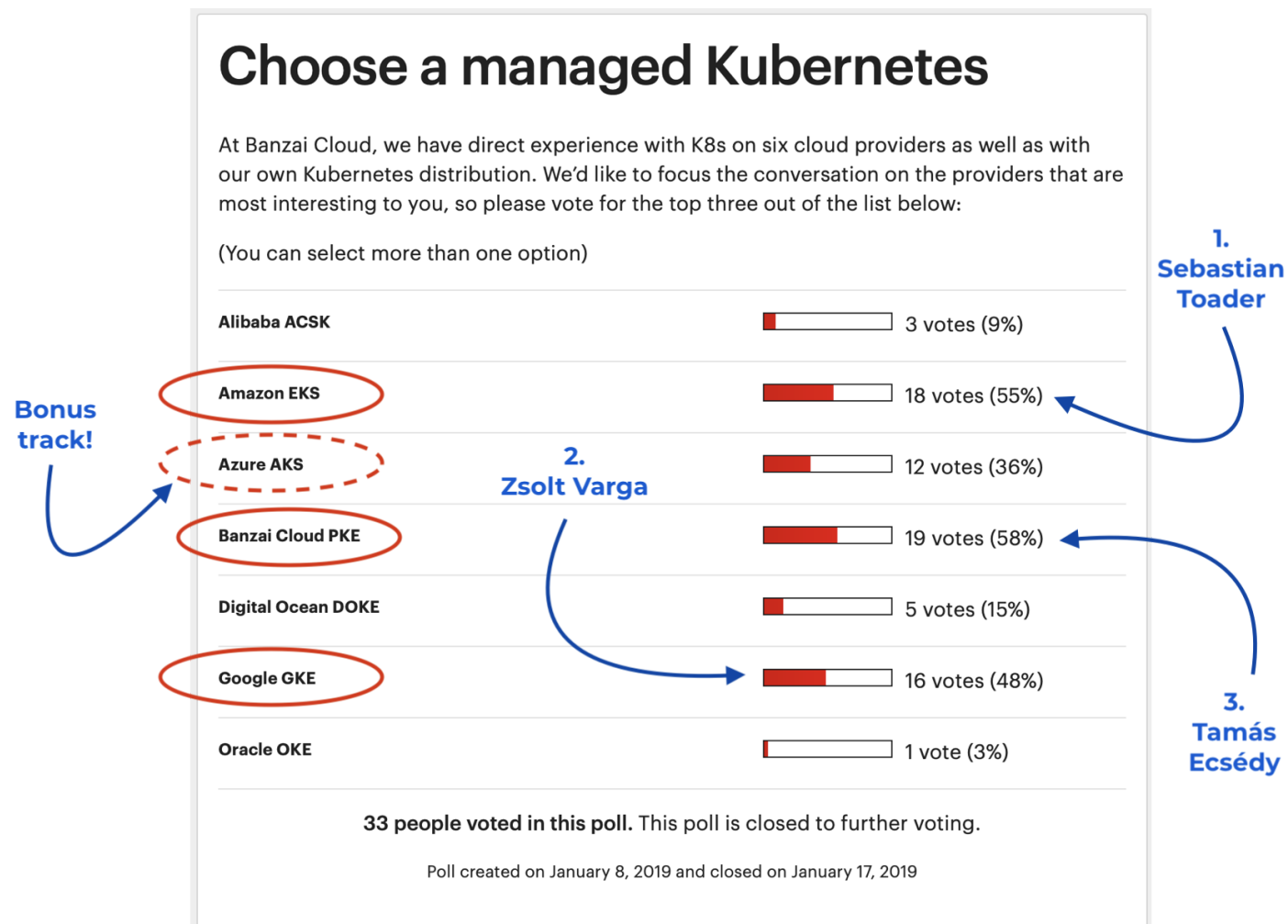
deployments / scaling / CI/CD
monitoring / logging / tracing / service mesh
security scans / container registries / disaster recovery

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Today's agenda

Thank you

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https://github.com/martonsereg/k8s-meetup (https://github.com/martonsereg/k8s-meetup)