

1. Workshop Introduction

- ▶ 2. Introduction to Kubernetes
- ▶ 3. Start the Workshop
- ▶ 4. Terraform Primer (Optional)
- ▶ 5. Creating a private EKS Cluster with Terraform
- ▶ 6. Extra Activities (Optional)
- ▶ 7. Using Fargate (Optional)
- ▶ Conclusion
- ▶ Cleanup

1. Workshop Introduction

Welcome to the Terraform EKS Workshop!

Workshop	Information
Language	English
Supported Regions	eu-west-2, eu-west-1
Level	300 - Intermediate
Estimated Duration	6-8 hours
Estimated Cost	\$5(USD) for 8 hours

Mainstream EKS workshop

Before proceeding with this workshop, take a look at the mainstream EKS workshop [eksworkshop.com](#) ↗

This Workshop consists of nine chapters:

- Workshop Introduction (this part).
- An introduction to Kubernetes.
- Setting up the Workshop environment.
- A Terraform introduction & primer for those unfamiliar with Terraform.
- Building a private EKS cluster with Terraform.
- Extra optional activities, including SPOT instances
- Using Fargate
- Conclusion.
- Cleanup.

Workshop Goals

The intent of this workshop is to educate users about the features of Amazon EKS using Terraform as the Infrastructure as Code and Application deployment tooling where ever possible.

Audience

Background in EKS, Terraform Kubernetes, Docker, and container workflows are not required, but they are recommended.

Cleanup

Cleanup sections are provided in each chapter as required. At the end of the workshop there is also a Cleanup section with a script that will delete all the workshop resources.

Source Code

Workshop	Information
Workshop Code	https://github.com/aws-samples/terraform-eks-code ↗
"aws2tf"	https://github.com/aws-samples/aws2tf ↗



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