



X

- 1. Workshop Introduction
- ▶ 2. Introduction to Kubernetes
- **▼** 3. Start the Workshop
  - **▼** Using AWS Workshop Studio

Connecting to the AWS Workshop Studio

Switch Role

Open the Workspace

#### **Install Kubernetes Tools**

Conclusion

- ▶ 4. Terraform Primer (Optional)
- ▶ 5. Creating a private EKS Cluster with Terraform
- ► 6. Extra Activities (Optional)
- ▶ 7. Using Fargate (Optional)
- Conclusion
- Cleanup

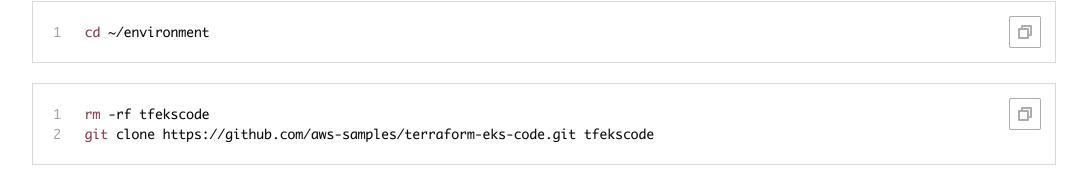
Amazon EKS Terraform Workshop > 3. Start the Workshop > Install Kubernetes Tools

# **Install Kubernetes Tools**

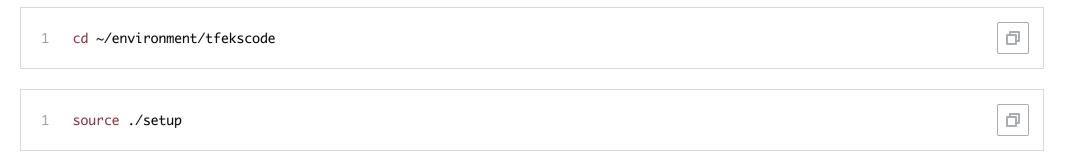
Amazon EKS clusters require - kubectl, the aws-cli or aws-iam-authenticator binary to allow IAM authentication for your Kubernetes cluster.

## Install the tools

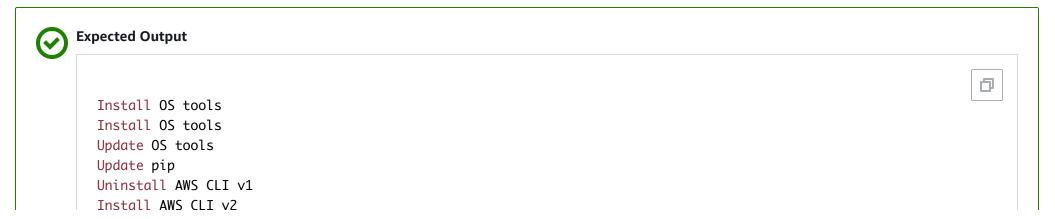
Clone the workshop repo and use a helper script to setup the workshop tools:



# Setup the workshop tools:



Check you see messages at the end of the output that terraform, kubectl, jq and aws in the path. Also that the AWS\_REGION is set and the ACCOUNT\_ID to a 12 digit number.



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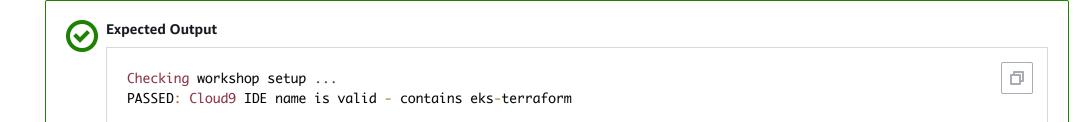
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```
export ACCOUNT_ID=xxxxxxxxxxxx
export AWS_REGION=aa-west-x
export TF_VAR_region=aa-west-x
eu-west-3
Setup Terraform cache
Setup kubectl
Install kubectl
install eksctl
eksctl completion
helm
add helm repos
"eks" has been added to your repositories
kubectx
ssh key
ssm cli add on
install tfsec ...
pip3
git-remote-codecommit
CHANGED: partition=1 start=4096 old: size=20967391 end=20971487 new: size=67104735 end=67108831
Filesystem
               1M-blocks Used Available Use% Mounted on
/dev/nvme0n1p1
                  32756 8656
                                  24101 27% /
Verify ....
ją in path
aws in path
wget in path
kubectl in path
terraform in path
eksctl in path
helm in path
kubectx in path
Enable bash_completion
PASSED: AWS_REGION is aa-west-x
PASSED: TF_VAR_region is aa-west-x
PASSED: ACCOUNT_ID is xxxxxxxxxxxx
```

# **Check the Cloud9 IDE is setup correctly:**

1 ./check

Provided the Cloud9 workspace was setup as described the following script should show 3x PASSED: messages:



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PASSED: IAM role valid - eksworkshop-admin

PASSED: Found Instance profile eksworkshop-admin - proceed with the workshop

Proceed to the next step

**Previous** 

Next