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*Terraform: AWS EKS Introduction*

## *Terraform : Deployment Automation*

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- Kubernetes is quickly became the standard way to manage application containers in the production environment.
- Kubernetes is Configurable on Cloud Machines, On-Prem machines.
- Kubernetes administration and configuration is a bit complex.
- Amazon Elastic Container Service for Kubernetes (Amazon EKS) makes the Kubernetes cluster set-up easy and quickly deployable.

## *Terraform : Deployment Automation*

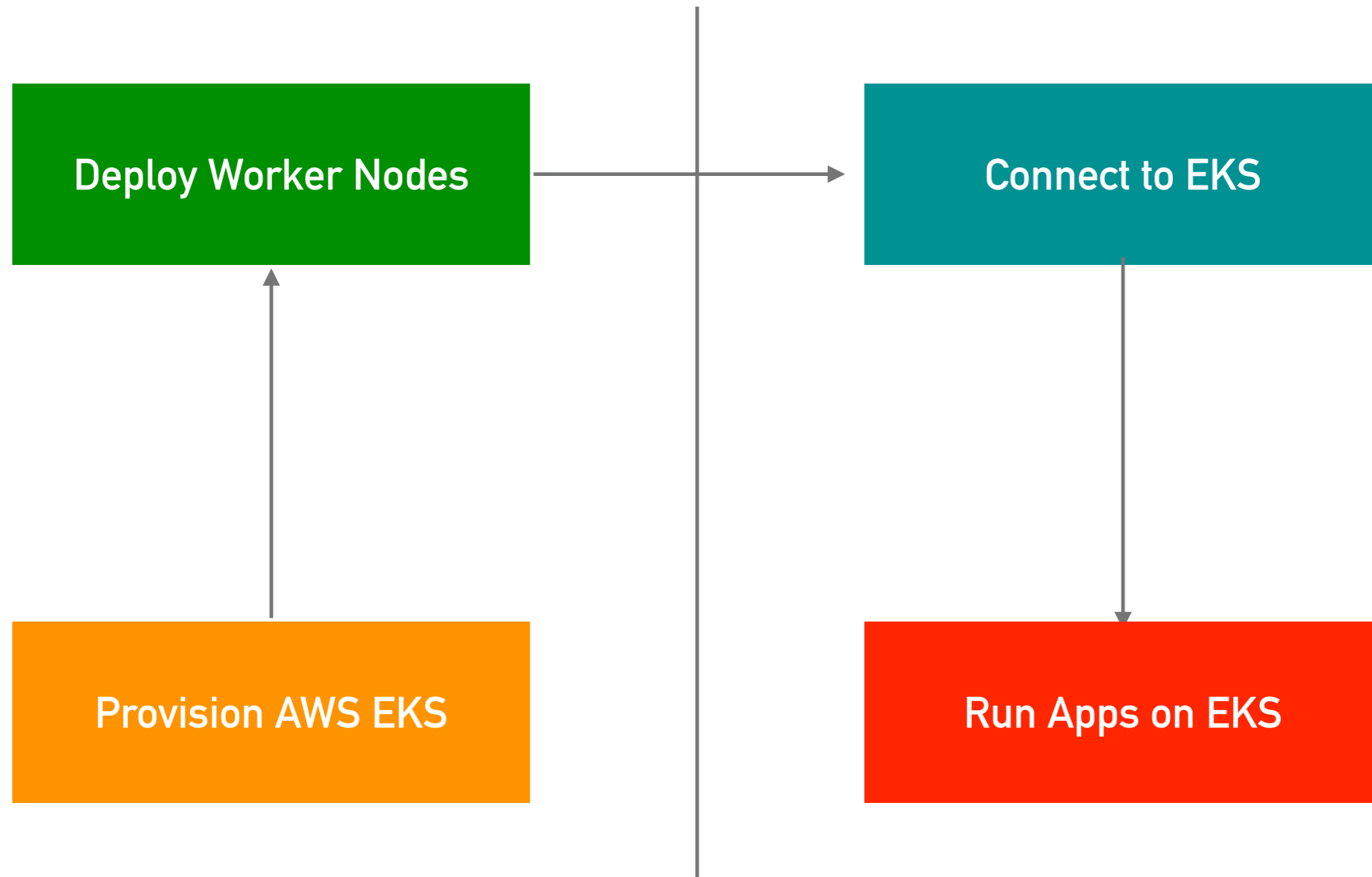
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- **Benefits of AWS EKS :**
- Amazon EKS runs the Kubernetes management infrastructure across multiple AWS Availability Zones, thereby freeing users from maintaining Kubernetes control plane.
- Infrastructure running on Amazon EKS is secure by default by setting up a secure and encrypted communication channel between worker nodes & Kubernetes endpoint.
- Applications managed by Amazon EKS are fully compatible with applications managed by any standard Kubernetes environment.

# Terraform : Deployment Automation

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## ➤ How does AWS EKS Works :



*Will see you in Next Lecture...*

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*Thank you!*

A close-up photograph of a hand holding a black marker, writing the words 'Thank you!' in a cursive script on a white surface. The hand is positioned on the right side of the frame, with the fingers gripping the marker. The text is written in a fluid, handwritten style.

*See you in next lecture ...*