



kubernetes

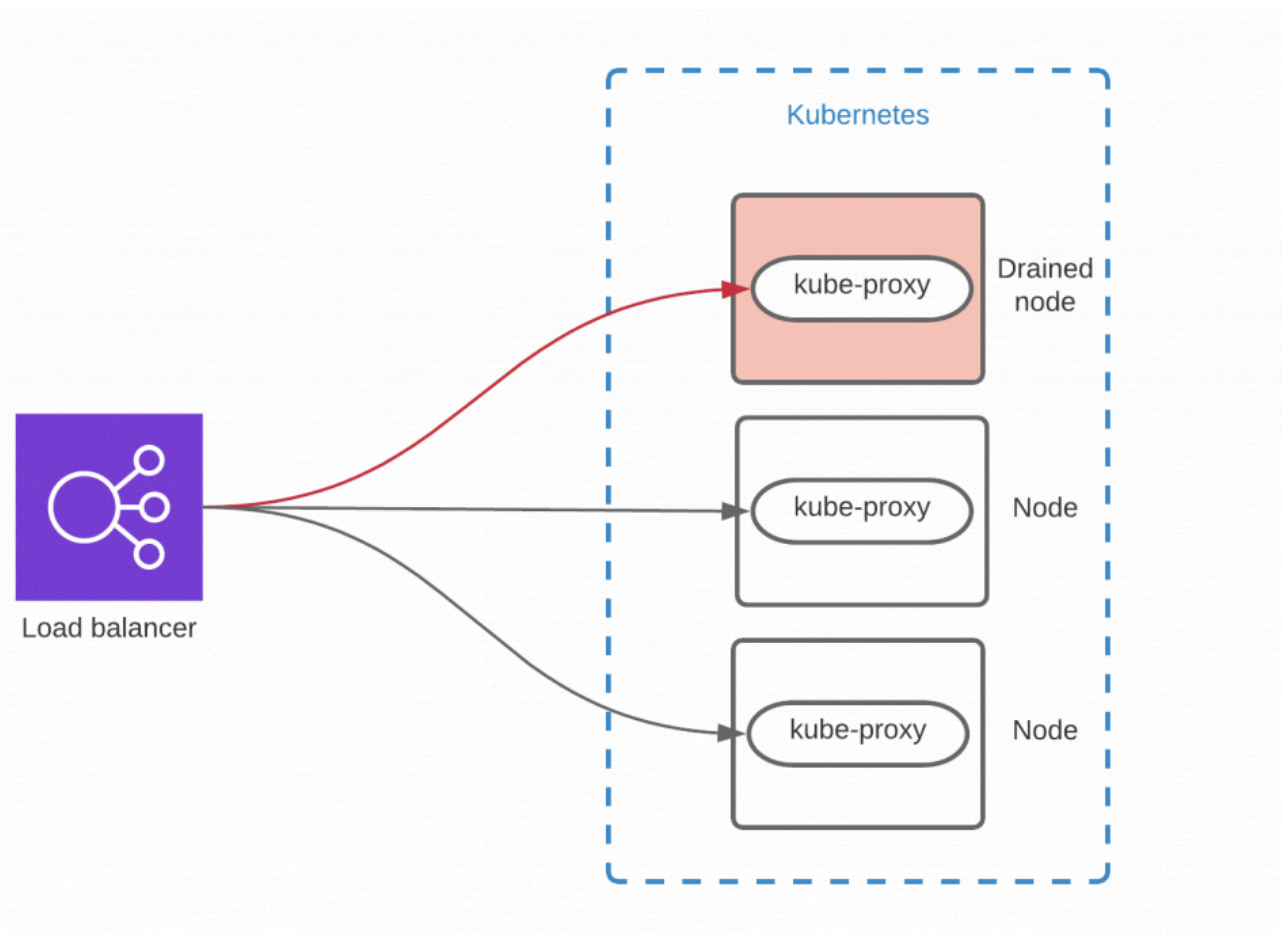
Cluster Maintenance Window

Learn Kubernetes by Doing : K8s Hard Way

➤ Remove Node From Cluster-

- What is Node Draining
- How to Drain a Node
- Ignore DaemonSets
- Uncordoning a Node
- Hands-On Demonstration

Learn Kubernetes by Doing : K8s Hard Way



➤ Node Draining

- Sometimes, we need to remove a Node from Cluster in Service.
- Application shouldn't be impacted by this process.
- Draining Node : Containers running on that node will be gracefully terminated and re-schedule to another available node.

Learn Kubernetes by Doing : K8s Hard Way

➤ Draining K8s Node-

- Use Kubectl to drain node :

```
$ kubectl drain <node_name>
```

- Ignore DaemonSet : DaemonSet means pods that are tied to each node. If any DaemonSet is running in your K8s cluster, use command -

```
$ kubectl drain <node_name> - --ignore-daemonsets
```

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- Uncordoning K8s Node-
- If node remain part of Container. User can allow pods to run on that node.

```
$ kubectl uncordon <node_name>
```

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HANDS-ON DEMONSTRATION

Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, completing the cursive phrase 'Thank you!' on a white background. The marker is positioned at the end of the exclamation mark, and the hand is visible on the right side of the frame.

See you in next lecture ...