



# kubernetes

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*Kubernetes: Deployment*

## *KUBERNETES : Basics of Kuebernetes*

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- A Deployment declaration in Kubernetes allows user to do app **Deployments and Updates**.
- *Deployment* controller provides declarative updates for **Pods** and **ReplicaSets**.
- Deployment Object define the **state of Application**.
- Kubernetes make sure that Cluster fulfil the **desired state of Application**.
- **Deployment** provide user more flexibility as compare to Replica Set and Replication Controller.

## *KUBERNETES : Basics of Kuebernetes*

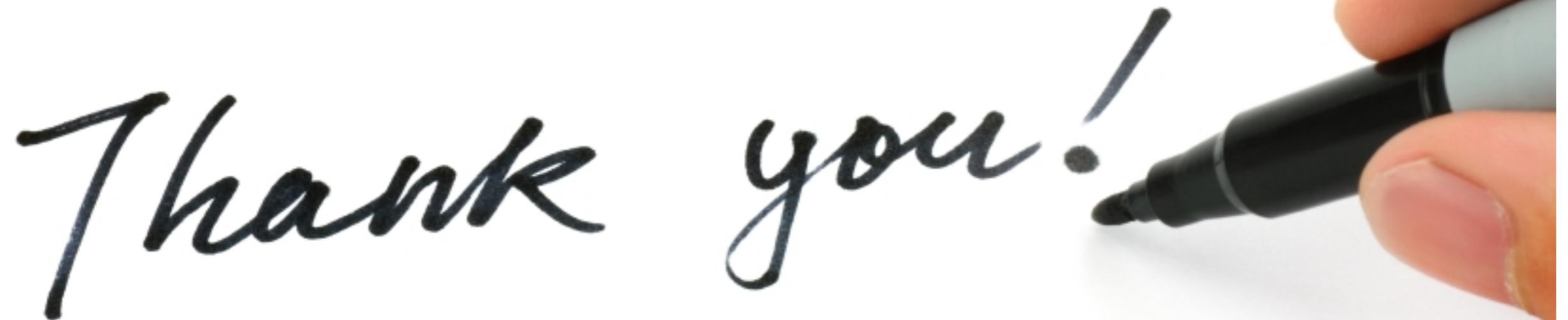
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- **With Deployment Controller, user can achieve:**
- **Create** a Deployment, deploy an Application.
- **Update** a Deployment, push new version of Application.
- **Do Rolling Upgrade**, Upgrade Application in Zero Down Time.
- **RollBack** Deployment, to revoke the changes if something bad pushed in Application Image.
- **Pause/Resume** Deployment, Rollout a certain percentage.

*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 marker tip touching the paper. The background is plain white.

*See you in next lecture ...*