What is Azure DevOs?

- Implementing DevOps methodology with help of **azure DevOps services** of **Azure repos** for **git remote repository management**, **azure pipelines** for CI/CD , **Azure artifact** for **artifact's managemnt** , **Azure test plans** for **autimation testing**, and **Azure Boards** for **project managment tool.**

Differnce between DevOps and Azure DevOps and AWS DevOps and GCP DevOps?

- The main difference between all these, usage of **tools** change to implement *DevOps methodology_*.

tools	DevOps	AWS DevOps	Azure DevOps	GCP DevOps
git remote repositiry	Github/Bitbucket/GitLab	AWS code commit	Azure Repos	cloud source
CI/CD	Jenkins/GitLab/ any tools	code build, code deploy	Azure pipleine	GCP cloud build
configuration management tools	Ansible/Chef/any other tools	Ansible/chef/any other tools	Ansible/chef/ any other tools	Ansible/chef/any other tools
Artifact management	Nexus/Jfrog	AWS artifact	Azure artifact	GCP artfifact registry
project manament tools	any project tools	any project tools	Azure Boards	any project tools
containerzation	Docker	Docker	Docker	Docker
Container orchestation	Kubernetes	Kubernetes , note: creeate kubernetes cluster use "AWS EKS " service	Kubernetes note: creeate kubernetes cluster use "Azure AKS" service	Kubernetes note: creeate kubernetes cluster use "GCP GKE" service
Infra as a code	terraform	terraform/AWS cloud formation	terraform/Azure ARM templates	Terraform