**2. ECR Terminology & Pre-requisites**

--- Reference - <https://github.com/stacksimplify/aws-eks-kubernetes-masterclass/tree/master/10-ECR-Elastic-Container-Registry-and-EKS>

**ECR Terminology**

--- **Registry**: An ECR registry is provided to each AWS account; we can create image repositories in our registry and store images in them.

--- **Repository**: An ECR image repository contains our Docker images.

--- **Repository policy**: We can control access to our repositories and the images within them with repository policies.

--- **Authorization token:** Our Docker client must authenticate to Amazon ECR registries as an AWS user before it can push and pull images. The AWS CLI get-login command provides us with authentication credentials to pass to Docker.

--- **Image**: We can push and pull container images to our repositories.

**Pre-requisites**

--- Install required CLI software on your local desktop

--- Install AWS CLI V2 version

1. We have taken care of this step as part of 01-EKS-Create-Clusters-using-eksctl (**https://github.com/stacksimplify/aws-eks-kubernetes-masterclass/blob/master/01-EKS-Create-Cluster-using-eksctl/01-01-Install-CLIs/README.md**)

Documentation Reference: **https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2.html**

--- Install Docker CLI

1. We have taken of Docker local desktop installation as part of Docker Fundamentals section (**https://github.com/stacksimplify/docker-fundamentals/tree/master/02-Docker-Installation**)
2. Docker Desktop for MAC: **https://docs.docker.com/docker-for-mac/install/**
3. Docker Desktop for Windows: **https://docs.docker.com/docker-for-windows/install/**
4. Docker on Linux: **https://docs.docker.com/install/linux/docker-ce/centos/**

--- On AWS Console

1. We have taken care of this step as part of 01-EKS-Create-Clusters-using-eksctl
2. Create Authorization Token for admin user if not created
3. Configure AWS CLI with Authorization Token

aws configure

AWS Access Key ID: \*\*\*\*

AWS Secret Access Key: \*\*\*\*

Default Region Name: us-east-1