# Container Orchestration With Docker Swarm

## What Is Docker Swarm?

Docker Swarm is an orchestration tool provided with Docker.

## What Can You Do With Docker Swarm?

With Docker Swarm you can manage, scale, and maintain containerized applications in configured Docker Swarms.

## What Is A Swarm in Docker Swarm?

A Docker swarm contains multiple Docker hosts.

These Docker Hosts run in swarm mode and can act as both swarm managers as well as swarm workers.

## What are the different kinds of Swarm Nodes?

Nodes in Swarm are Docker instances running in swarm mode.

There are two kinds of nodes:

÷ Swarm Manager nodes

÷ Swarm Worker nodes.

## What Does A Swarm Manager Do?

Manager nodes are responsible for orchestration and cluster management functions.

Which helps maintain the desired state of the swarm

Manager nodes also dispatch units of work or tasks to worker nodes.

## What Do Swarm Worker Nodes Do?

Swarm Worker nodes execute tasks that are dispatched to them by Manager nodes.

Worker nodes update their status back to the Manager node.