

DOCKER

Swarm Traffic Router

Docker : Docker Swarm

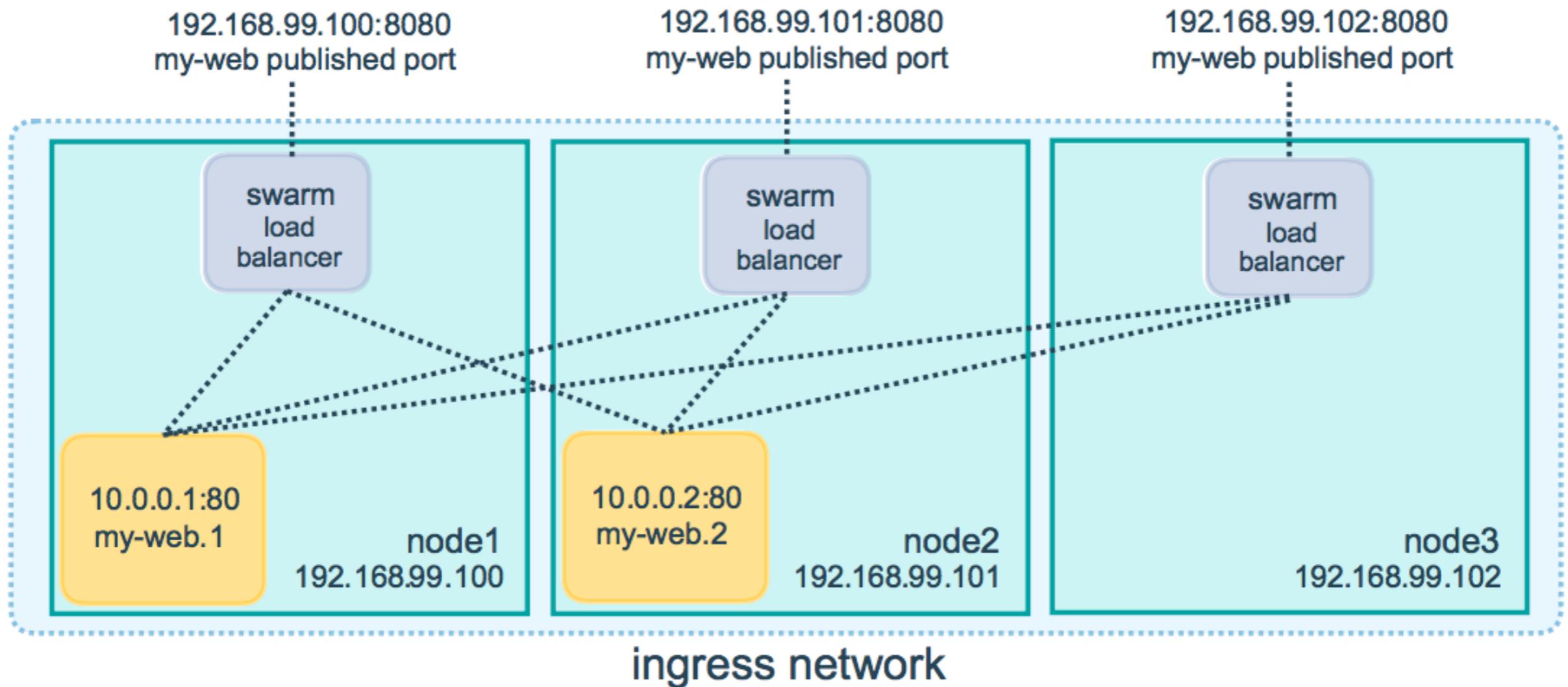
- Swarm Global Traffic Management is related to 'Routing Mesh'.
- Docker Swarm publish Services on Some Ports and allow Outer word to access these services. This called ingress Routing mesh.
- The routing mesh enables each node in the swarm to accept connections on published ports for any service running in the swarm, even if there's no task running on the node.
- The routing mesh routes all incoming requests to published ports on available nodes to an active container.

Docker : Docker Swarm

- Command we Executed :
`docker service create --name drupal --network my_overlay -p 80:80 drupal`
- Command is Like : `-p <published_port>:<container_port>`
- The `<PUBLISHED_PORT>` is the port where the swarm makes the service available.
- The `<CONTAINER_PORT>` is the port where the container listens.
- Routing mesh listens on the published port for any IP address assigned to the node.

Docker : Docker Swarm

- Routing mesh listens on the published port for any IP address assigned to the node.



Routing Mesh Concept in Docker Swarm

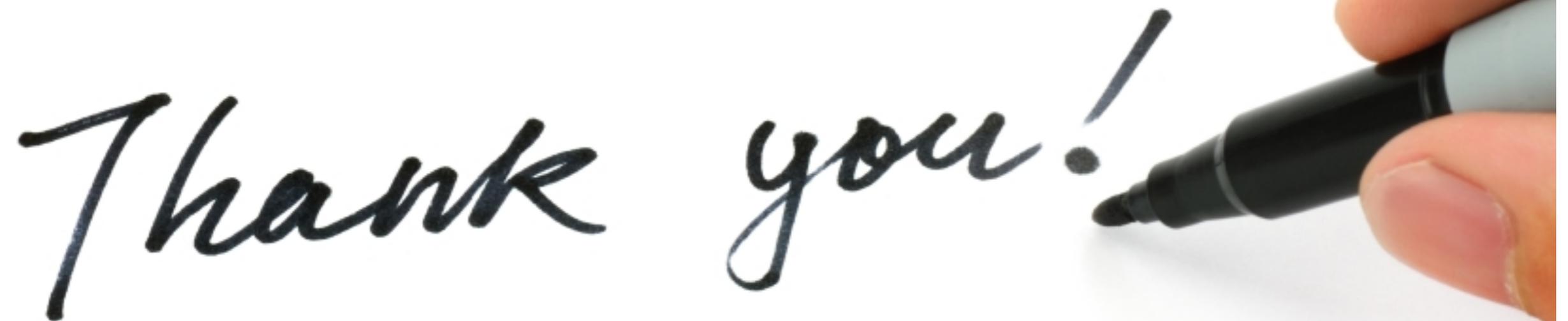
➤ Verify Service Published Port

```
docker service inspect --
```

```
format="{{json .Endpoint.Spec.Ports}}" <Service_Name>
```

Will see you in Next Lecture...

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 fingers gripping the marker. The text is written in a fluid, handwritten style.

See you in next lecture ...