



# DOCKER SWARM

## CLOUD NATIVE APPLICATIONS IN CONTAINERS WITH DOCKER SWARM

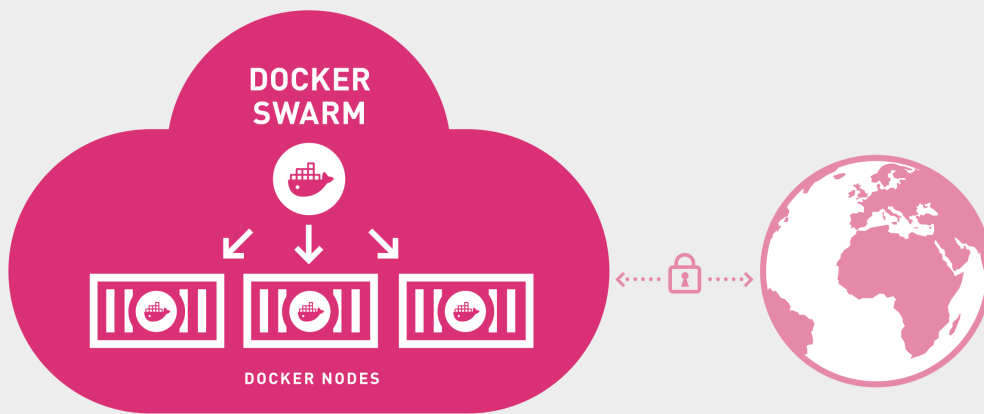
Today, it is impossible to imagine digitization strategies with a focus on IT architectures without containers. Docker or Docker Swarm offer for smaller projects, compared to Kubernetes and Openshift, a more optimal and cost-efficient platform in the MTF Business Cloud.

### YOUR ADVANTAGES

- ✓ STANDARDIZED CODE PROVISIONING IN DOCKER MICROSERVICES
- ✓ ACCELERATE DEPLOYMENT THROUGH STANDARDIZATION AND AUTOMATION
- ✓ TRANSPARENT COSTS IN THE MTF CLOUD
- ✓ EASY DISTRIBUTION AND SCALING WITH DOCKER SWARM
- ✓ HIGHLY SECURE THROUGH ISOLATED PRIVATE CLOUD ENVIRONMENT
- ✓ LOW COMPLEXITY THANKS TO DOCKER AND DOCKER SWARM

# CONTAINER WITH DOCKER SWARM EASY TO MANAGE

Docker Swarm is a clustering and planning tool for Docker Containers. With Swarm, you can set up and manage a cluster of Docker nodes as a single virtual system. Its low complexity provides attractive pricing and is ideal for simpler environments. The Docker environment is completely isolated for you in a private cloud, ensuring maximum security and availability.



# TECHNICAL INFORMATION

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## HIGHEST COMPATIBILITY THROUGH DOCKER

Docker enables polyglot development and the use of any language, stack, or tool, without worrying about application conflicts.

## GEOGRAPHICALLY DIVIDED DATA CENTRES

Highest possible security through modern, geo-redundant data centers with reliable infrastructure.

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## ISOLATED AND SECURE CONTAINERS

Docker stores the application, configurations and dependencies in isolated containers, providing the highest level of security, collaboration and compatibility.

## LAYERING AND ROLLBACKS

Thanks to Docker's layer and image technology, development can be greatly accelerated. The ability to roll back a layer helps with problems and supports agile development.

## INFINITE SCALABILITY

With Docker Swarm, multiple Docker nodes can be easily managed and scaled. The decentralized design allows full flexibility and high availability.

## HIGH DEGREE OF AUTOMATION

Traditional infrastructures typically require a great deal of planning and installation effort, but with docker-based containers, deployment can be completed in seconds.

## PRIVATE CLOUD

The entire PaaS system is operated individually per customer and isolated under the highest security standards.

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