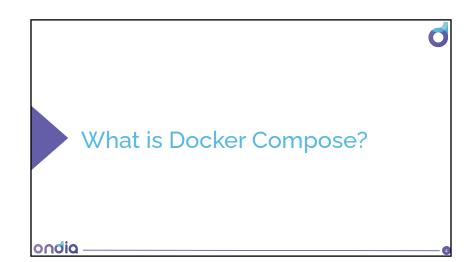


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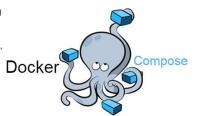
- ► What is Docker Compose?
- ► Using Compose
- ► Docker Compose File
- docker-compose Commands

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What is Docker Compose?

- ☐ Compose is a tool for defining and running multi-container Docker applications.
 With Compose, you use a YAML file to configure your application's services. Then, with a single command, you create and start all the services from your configuration.
- Compose works in all environments: production, staging, development, testing, as well as CI workflows.



Benefits of Docker Compose

- ☐ **Simplified control**: Allows you to define and manage multi-container applications in a single YAML file
- ☐ **Efficient collaboration**: Configuration files are easy to share
- Rapid application development: Compose caches the configuration used to create a container.
- Portability across environments: Compose supports variables in the Compose file

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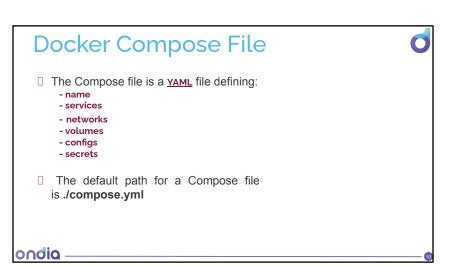


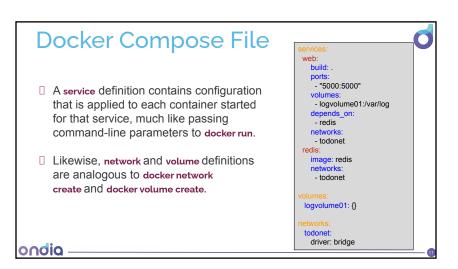


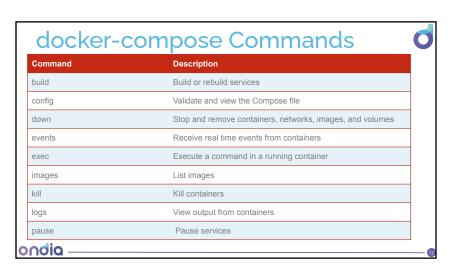
Using Compose Using Compose is basically a three-step process: Define your app's environment with a Dockerfile so it can be reproduced anywhere. Define the services that make up your app in docker-compose.yml so they can be run together in an isolated environment. Run docker-compose up and Compose starts and runs your entire app.

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Command	Description	
port	Print the public port for a port binding	
ps	List containers	
pull	Pull service images	
push	Push service images	
restart	Restart services	
rm	Remove stopped containers	
run	Run a one-off command	
start	Start services	
stop	Stop services	

