

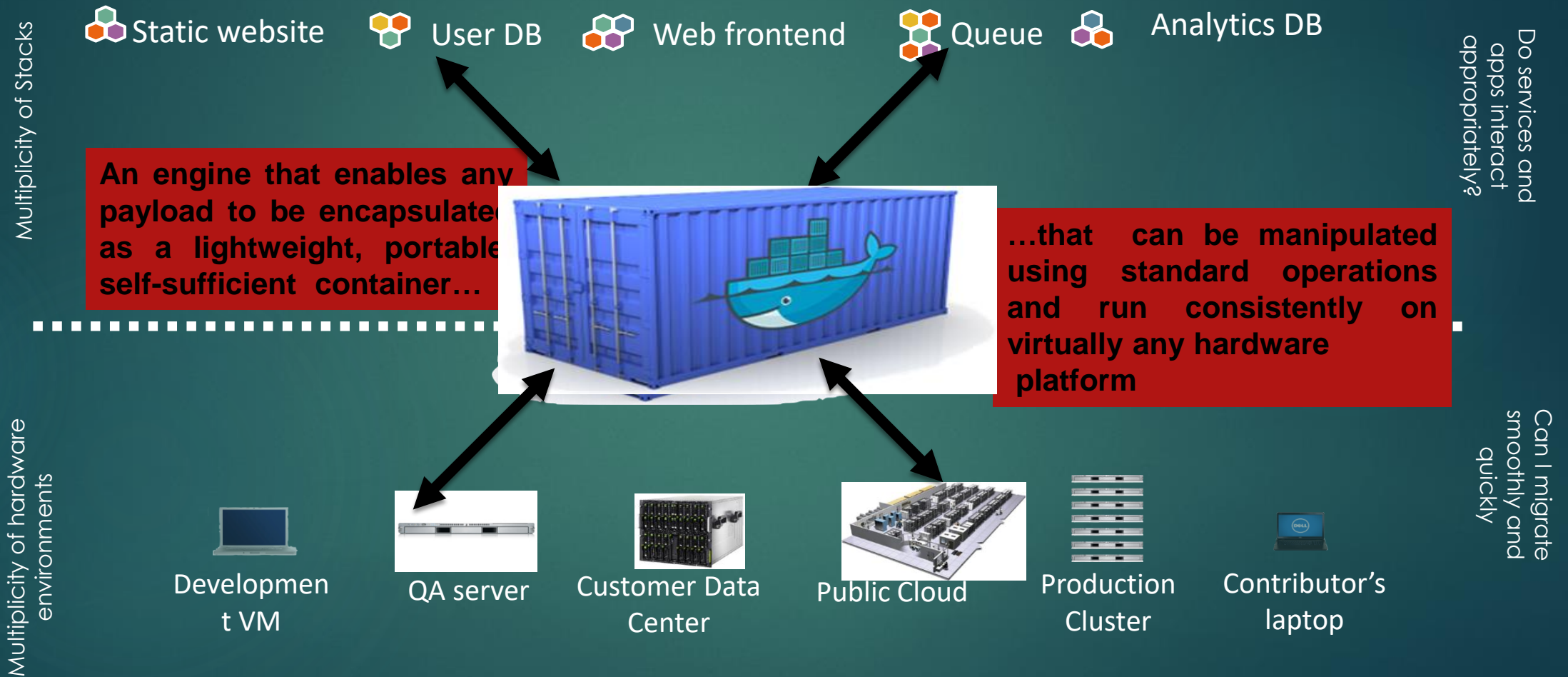
What is a Docker

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- ▶ Docker is an open source platform which helps a user to package application and its dependencies into a Docker Container for the development and deployment of software.

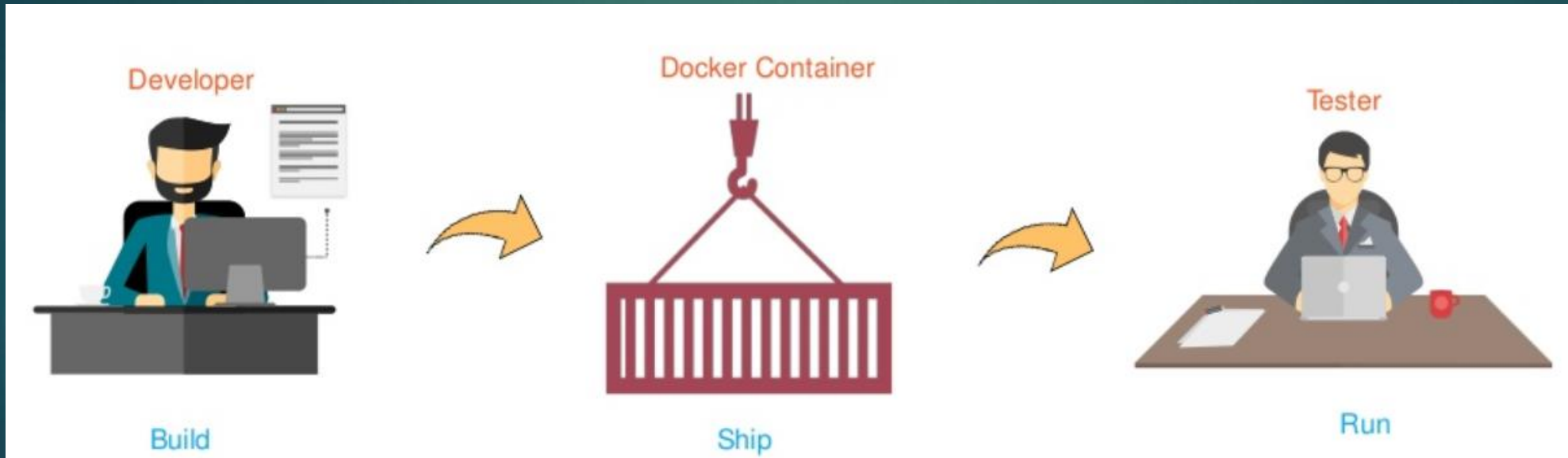


From Shipping Container To Docker Container



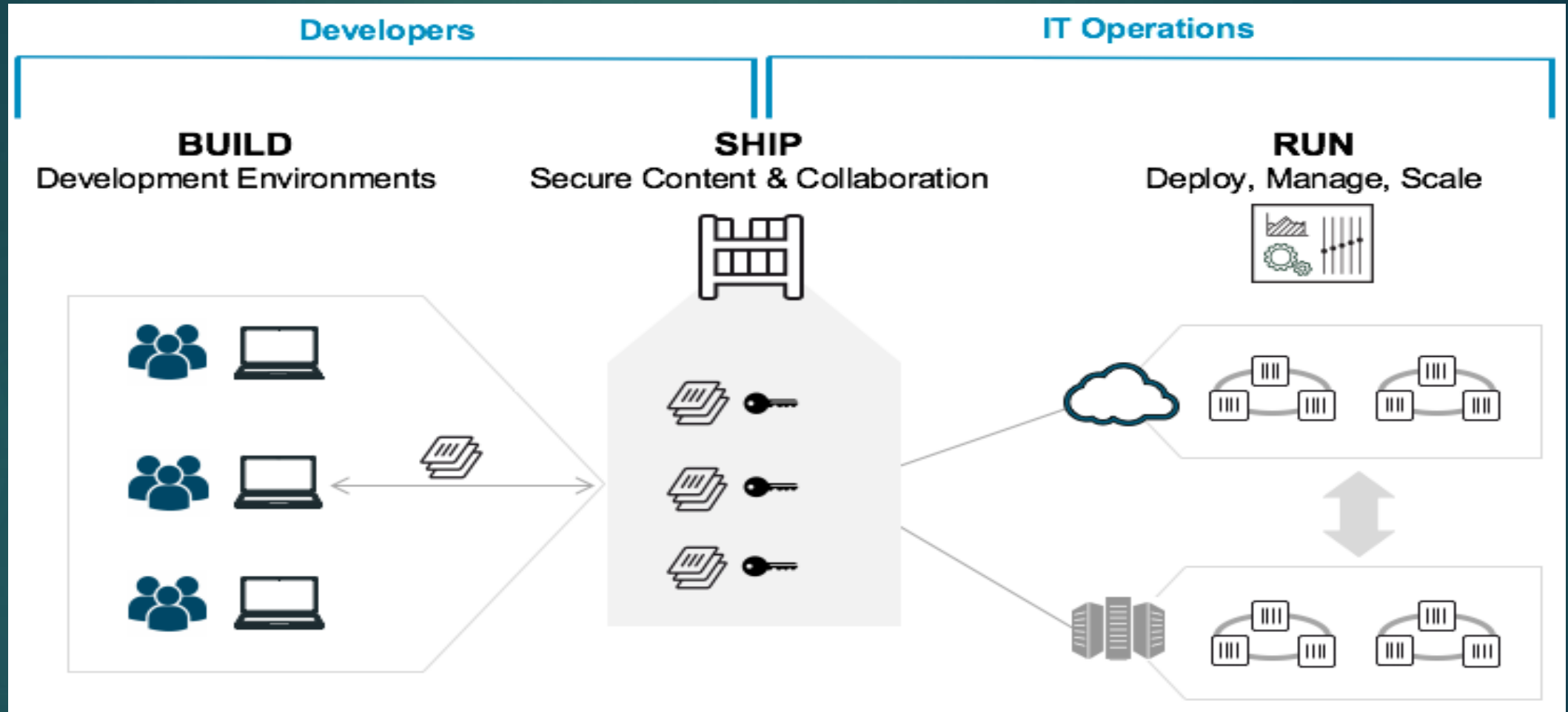
Docker Platform

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New Software Supply Chain With Docker

Build, Test, Ship and Run Anywhere

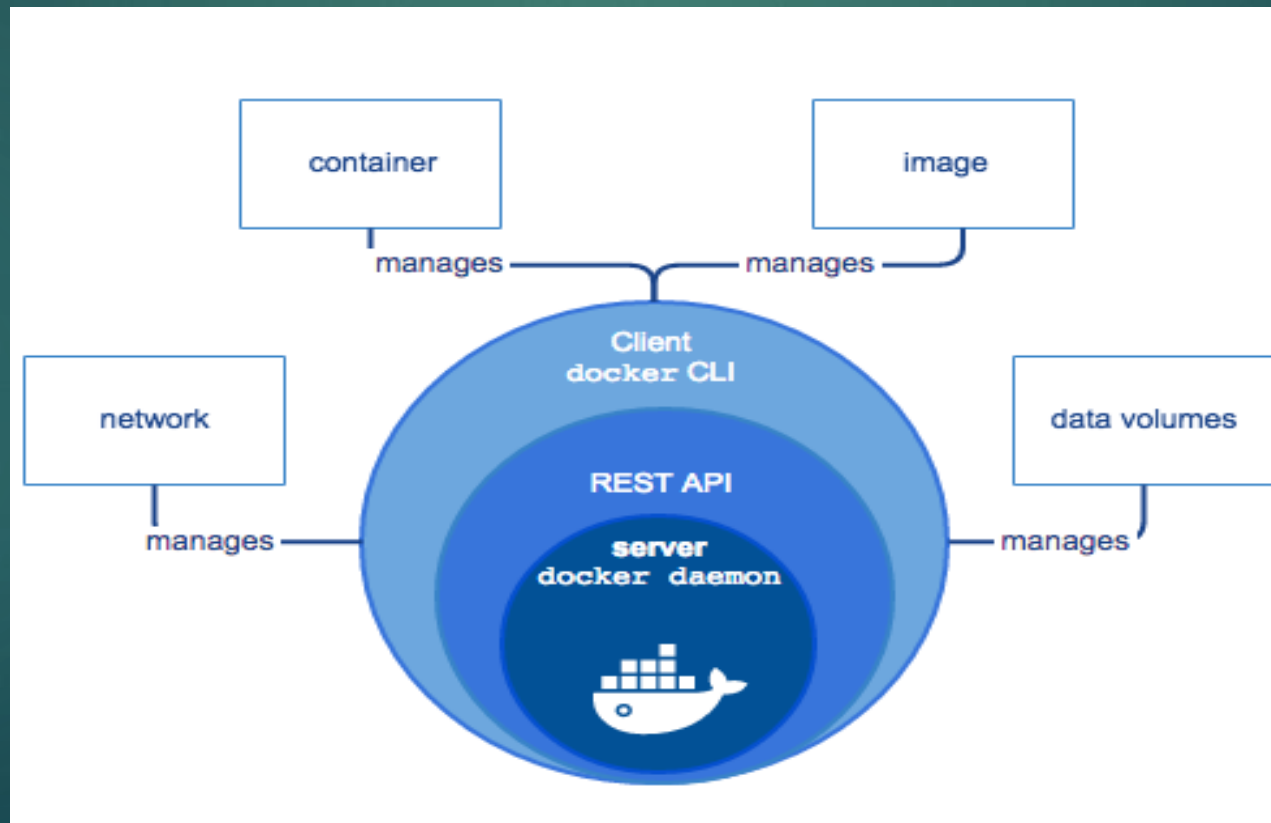


Docker Engine

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Docker Engine is a client-server application with these major components:

- ▶ A server which is a type of long-running program called a daemon process (the `dockerd` command).
- ▶ A REST API which specifies interfaces that programs can use to talk to the daemon and instruct it what to do.
- ▶ A command line interface (CLI) client (the `docker` command).



Benefits of Dockers

- ▶ **Fast, consistent delivery of your applications**
- ▶ **Responsive deployment and scaling**
- ▶ **Running more workloads on the same hardware**

Overview of Docker Editions

- ▶ Docker is available in two editions:
- ▶ Community Edition (CE)
- ▶ Enterprise Edition (EE)
- ▶ Docker Community Edition (CE) is ideal for individual developers and small teams looking to get started with Docker and experimenting with container-based apps.
- ▶ Docker Enterprise Edition (EE) is designed for enterprise development and IT teams who build, ship, and run business critical applications in production at scale.

Overview of Docker Editions

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Capabilities	Community Edition	Enterprise Edition Basic	Enterprise Edition Standard	Enterprise Edition Advanced
Container engine and built in orchestration, networking, security	✓	✓	✓	✓
Certified infrastructure, plugins and ISV containers		✓	✓	✓
Image management			✓	✓
Container app management			✓	✓
Image security scanning				✓

