

OPENSHIFT CONTAINER PLATFORM

ENTERPRISE READY KUBERNETES

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WHAT IS OPENShift ?

WHAT IS OPENSHIFT ?

Platform as a Service...

WHAT IS OPENShift ?

Platform as a Service...

Container Orchestration...

WHAT IS OPENSHIFT ?

Platform as a Service...

Container Orchestration...

Enterprise ready Kubernetes

JARGONS!!

Docker

Kubernetes

Openshift

ANALOGY..

Docker → Docker Image

Kubernetes

OpenShift

ANALOGY..

Class

Docker → Docker Image

Kubernetes

OpenShift

ANALOGY..

Docker → Docker Image → Container

Kubernetes

OpenShift

ANALOGY..



Docker → Docker Image → Container

Kubernetes

Openshift

ANALOGY..

Docker → Docker Image → Container

Kubernetes → Kernel for your DC

OpenShift

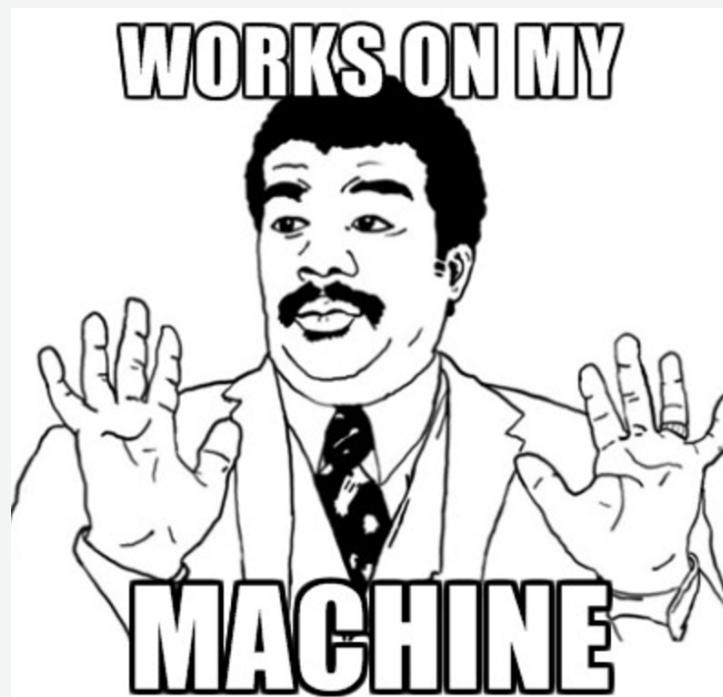
ANALOGY..

Docker → Docker Image → Container

Kubernetes → Kernel for your
Data Center

OpenShift → OS for your Data
Center

"But it works on my machine???"



WHAT DEVELOPERS TRADITIONALLY SEE



Devs



Ops



WHAT OPERATIONS TRADITIONALLY SEES



Devs



Ops

ENVIRONMENT ISSUES

APP DEPLOYMENT

	DEV	QA	PROD
APPS	 Microsoft	 amazon web services	 KVM
Middleware	v1	v1.1	v1.1.1
Runtime	app A,B,C	app A,B,D	app A
Data	old	few days ago	latest

*What if i can package
Operating System, middleware
and application together as
a immutable image?*

TRANSPORTABLE UNIT

P R E S E N T

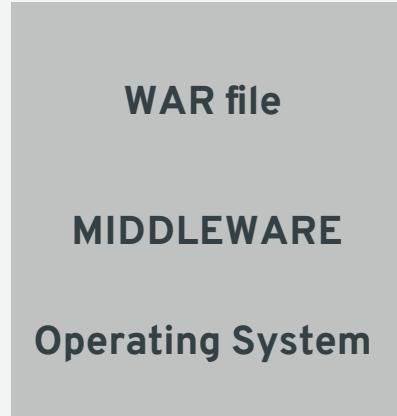
W A R file

TRANSPORTABLE UNIT

OLD

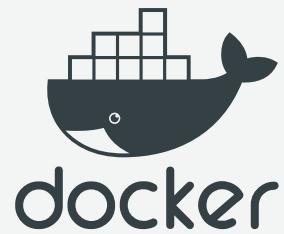


NEW



*What if i can treat each
process on a OS as a
separate ~ vm with own ip
address / network / file
system?*

WELCOME TO DOCKER

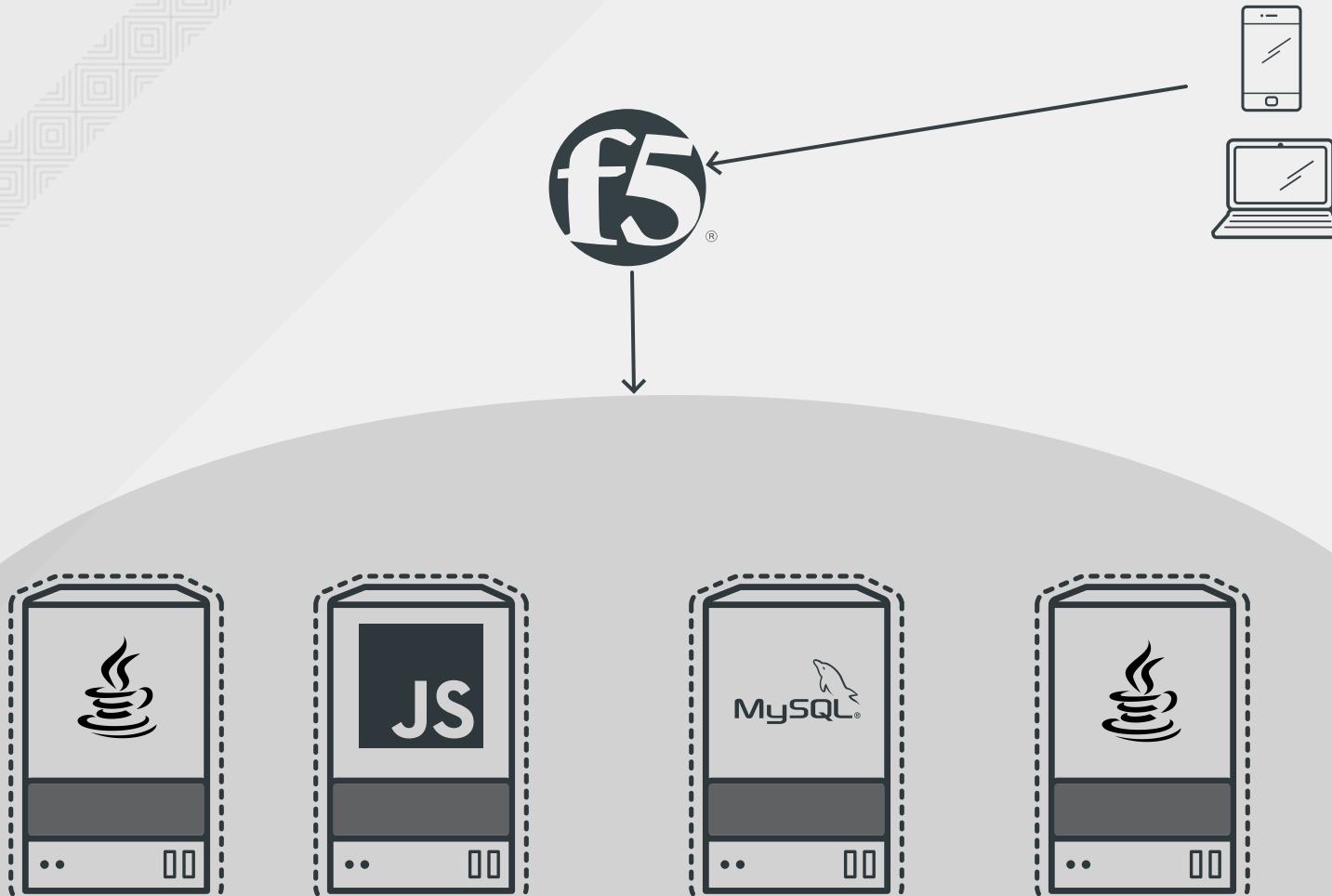


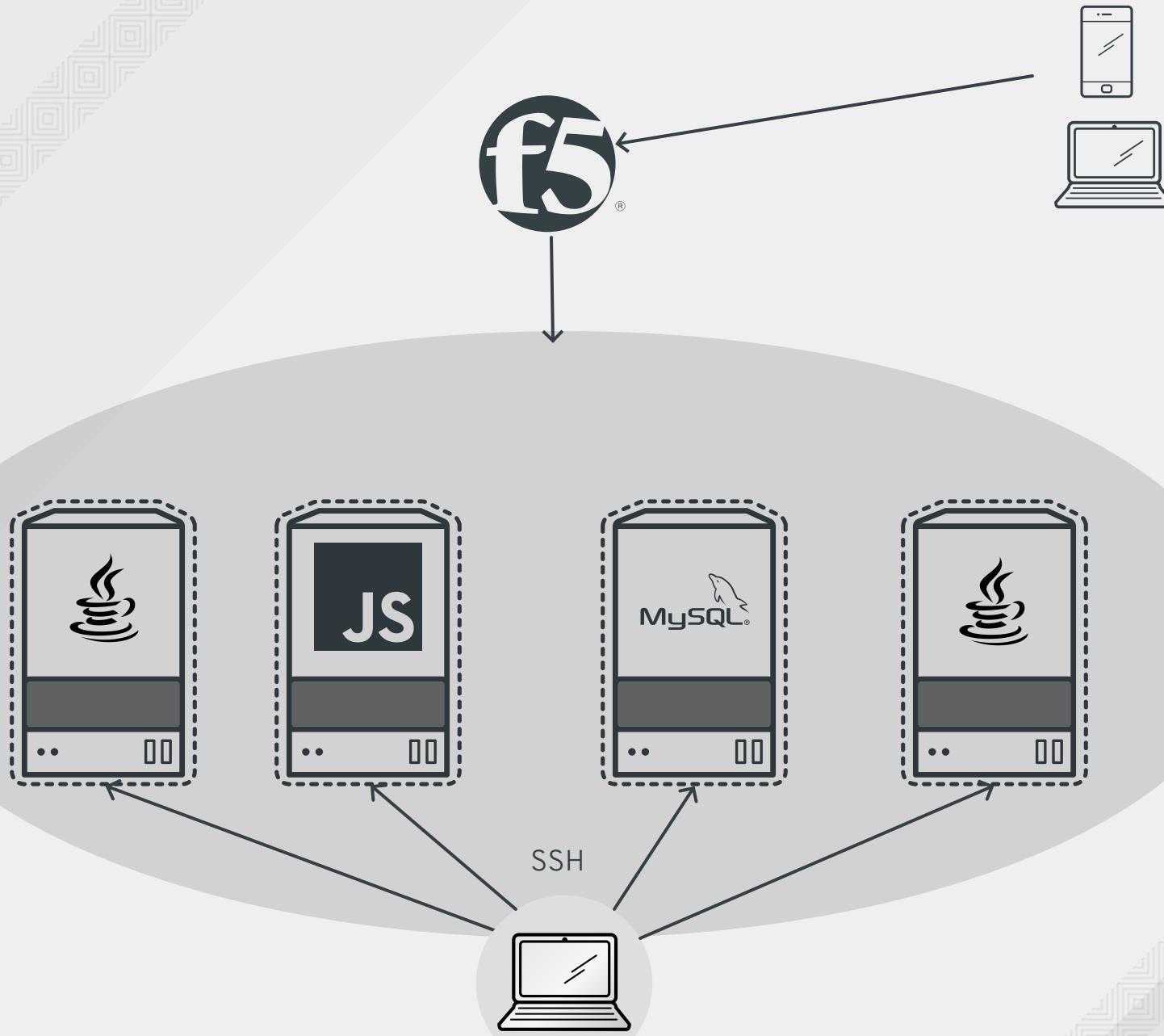
ENVIRONMENT ISSUES



APP DEPLOYMENT

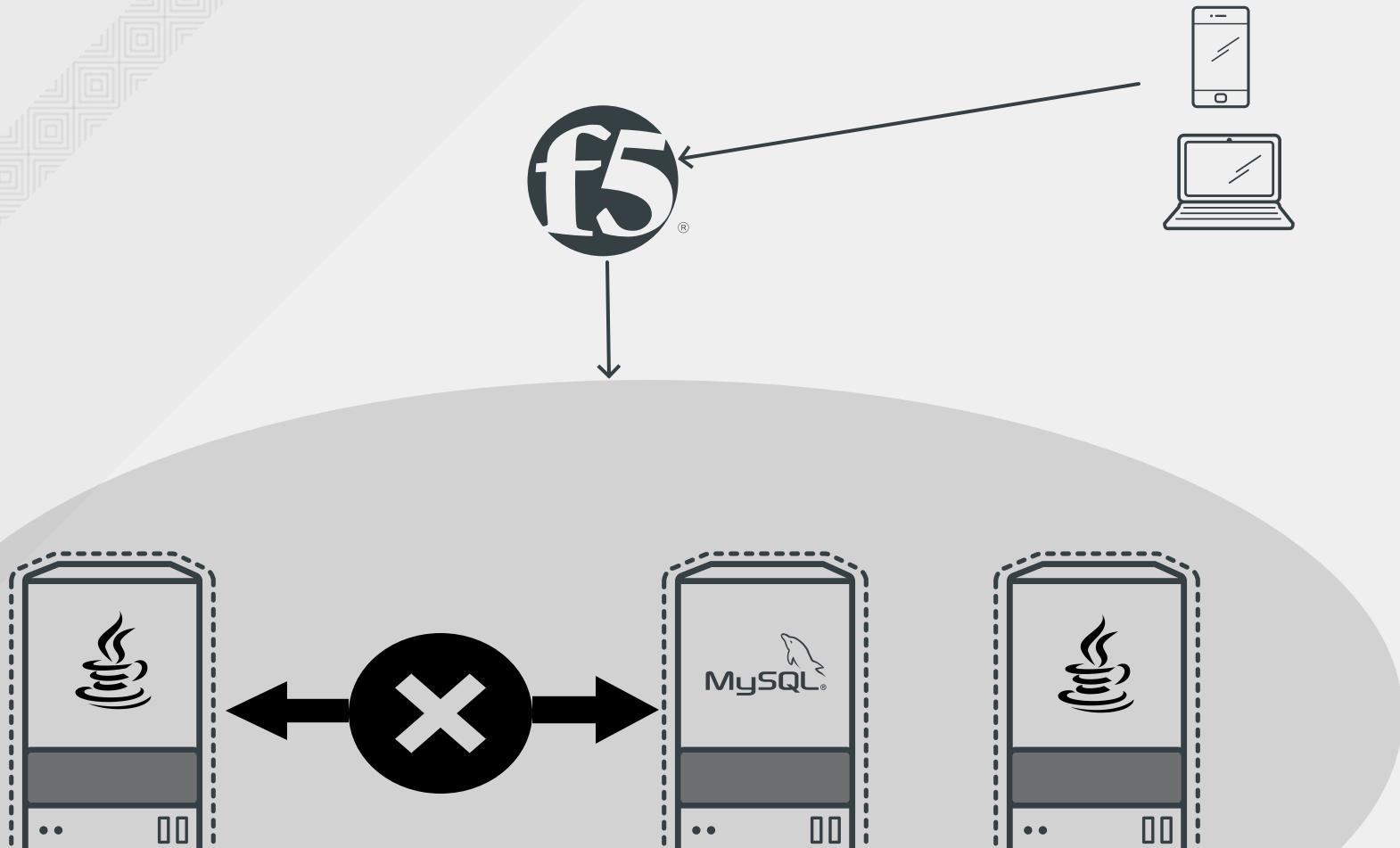
	DEV	QA	PROD
APPS			
Middleware			
Runtime	  	  	

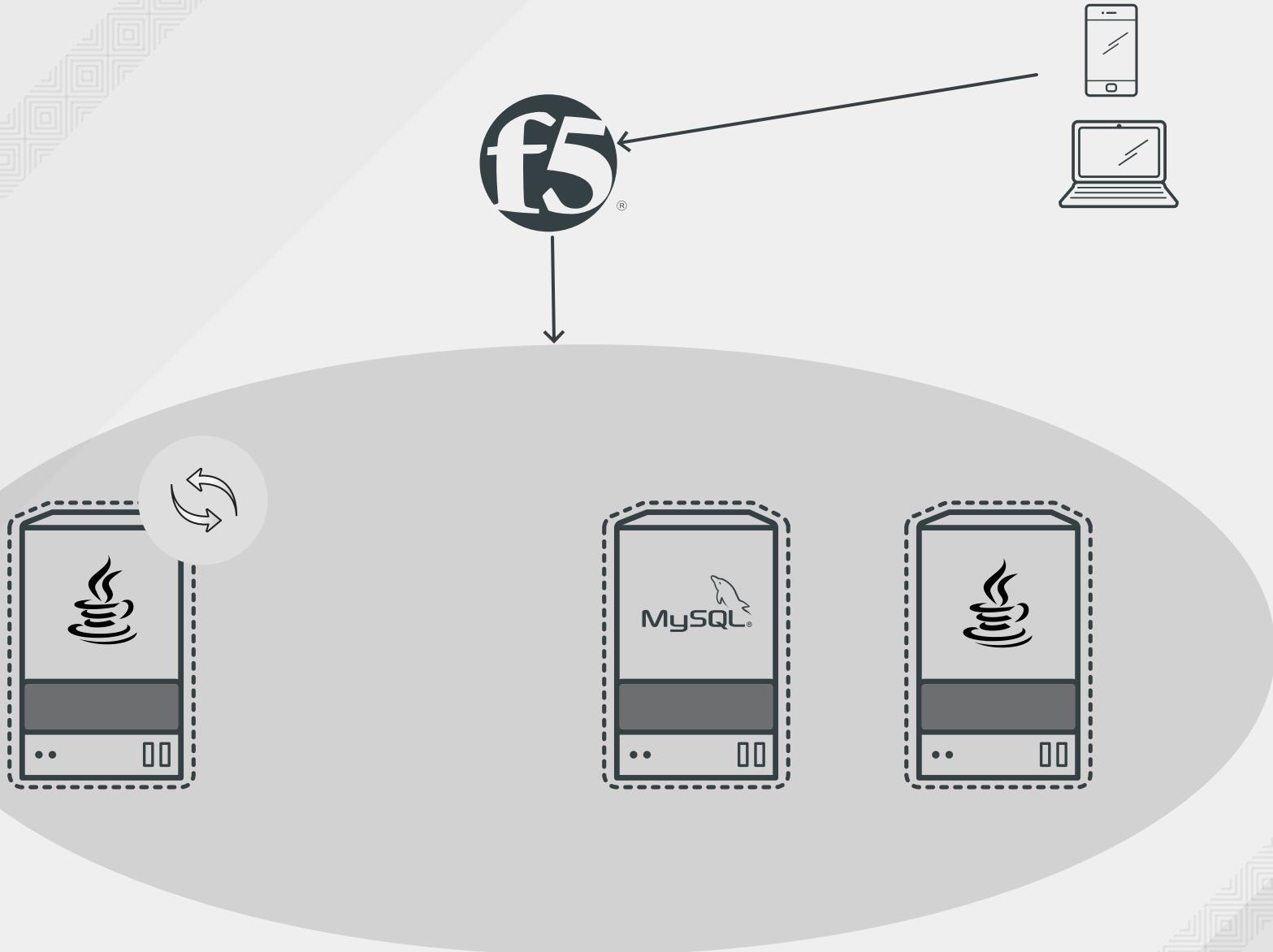




How long does it take to create
new environments?

*What if i can deploy
applications in minutes to
seconds instead of days or
hours?*





*What if i treat my whole
data center as one single
machine?*

WELCOME TO OPENSHIFT



