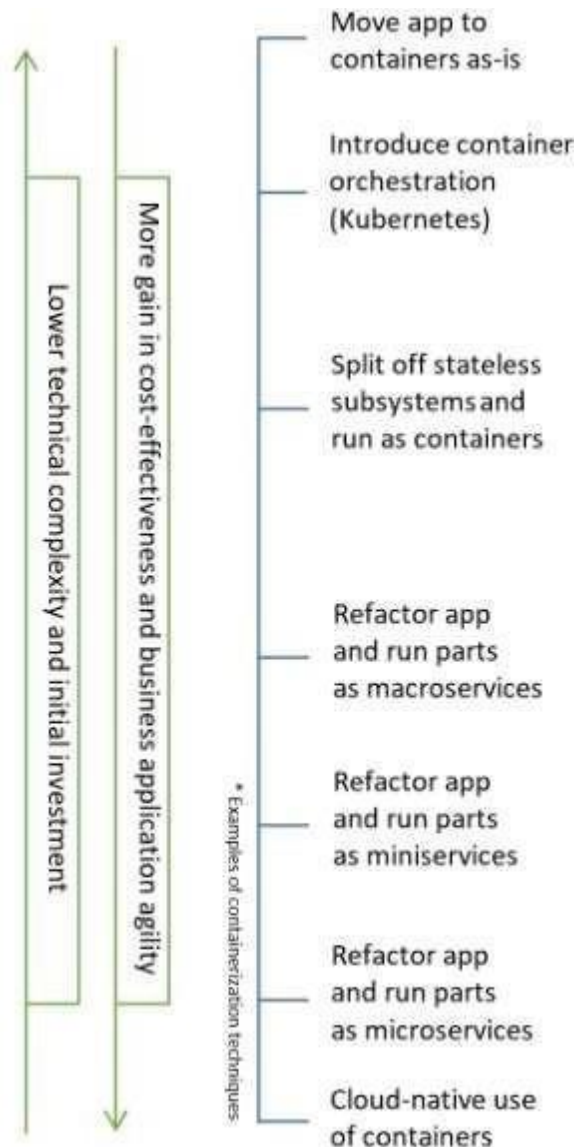


# PROJECT DEVELOPMENT PHASE

## SPRINT – 4

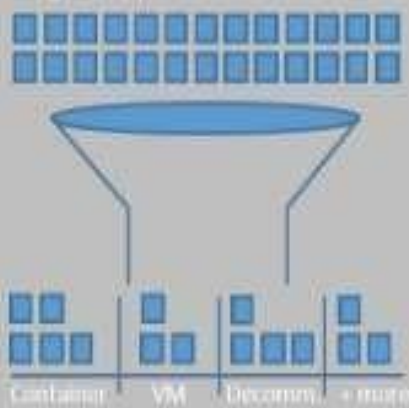
Team Id	PNT2022TMID49753
Project Name	Smart Fashion Recommender Application
Team Members	M.Prema kalyani S.Saravana Priya C.Sowmiga G.Vincyavathi

### CONTAINERIZE THE APP:

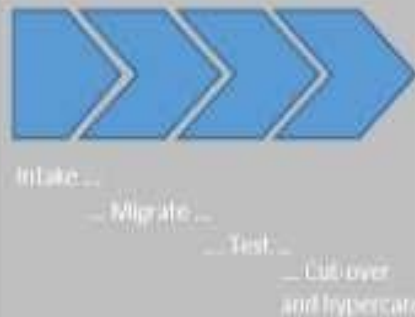


## Factory approach to containerization

### Legacy application assessment



### Migration



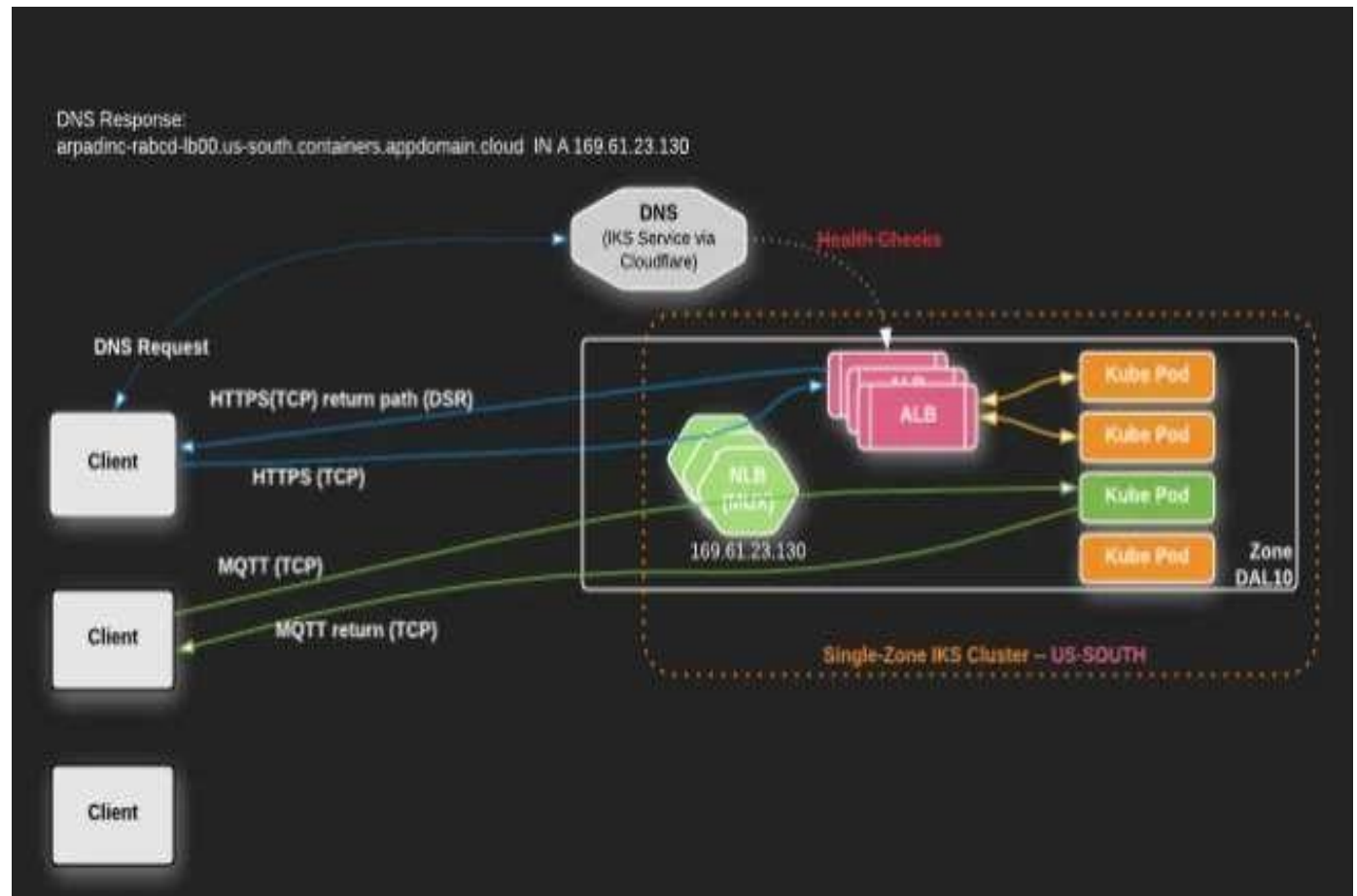
### Target architecture and operating model



Design authority: recipes, patterns, and standards

Business case development: cost efficiency and business benefits realization

## DEPLOY IN KUBERNETES CLUSTER:



Hostname: echoserver-deployment-859b75d8c4-w75jn

Pod Information:

node name: 10.94.21.13  
pod name: echoserver-deployment-859b75d8c4-w75jn  
pod namespace: default  
pod IP: 172.30.45.7

Server values:

server\_version=nginx: 1.13.3 - lua: 10008

Request Information:

client\_address=172.30.45.5  
method=GET  
real path=/  
query=  
request\_version=1.1  
request\_scheme=http  
request\_url=http://echoserver.arpad-ipvs-test-aug14.us-south.containers.appdomain.cloud:8080/

Request Headers:

accept=/\*/\*  
host=echoserver.arpad-ipvs-test-aug14.us-south.containers.appdomain.cloud  
user-agent=curl/7.54.8  
x-forwarded-for=195.218.10.100  
x-forwarded-host=echoserver.arpad-ipvs-test-aug14.us-south.containers.appdomain.cloud  
x-forwarded-port=443  
x-forwarded-proto=https  
x-global-k8fdic-transaction-id=fc9b6d1faac1b7b63bf96abf02396378  
x-real-ip=195.218.10.100

Request Body:

-no body in request-

```
$ curl http://169.61.18.4:1884
```

```
Hostname: echoserver-deployment-859b75d8c4-r6s62
```

Pod Information:

```
node name:      10.73.115.27
pod name:       echoserver-deployment-859b75d8c4-r6s62
pod namespace:  default
pod IP: 172.30.154.209
```

Server values:

```
server_version=nginx: 1.13.3 - lua: 10008
```

Request Information:

```
client_address=195.21.15.15
method=GET
real path=/
query=
request_version=1.1
request_scheme=http
request_uri=http://169.61.18.4:8080/
```

Request Headers:

```
accept=/*/*
host=169.61.18.4:1884
user-agent=curl/7.54.0
```

Request Body:

```
-no body in request-
```

```
$ curl https://echoserver.arpad-ipvs-test-aug14.us-south.containers.appdomain.cloud

Hostname: echoserver-deployment-859b75d8c4-d6fdx

Pod Information:
  node name:      10.73.115.19
  pod name:       echoserver-deployment-859b75d8c4-d6fdx
  pod namespace:  default
  pod IP: 172.30.116.132

Server values:
  server_version=nginx: 1.13.3 - lua: 10008

Request Information:
  client_address=172.30.119.129
  method=GET
  real path=/
  query=
  request_version=1.1
  request_scheme=http
  request_uri=http://echoserver.arpad-ipvs-test-aug14.us-south.containers.appdomain.cloud:8080/

Request Headers:
  accept=/*/*
  host=echoserver.arpad-ipvs-test-aug14.us-south.containers.appdomain.cloud
  user-agent=curl/7.54.0
  x-forwarded-for=10.184.100.58
  x-forwarded-host=echoserver.arpad-ipvs-test-aug14.us-south.containers.appdomain.cloud
  x-forwarded-port=443
  x-forwarded-proto=https
  x-global-k8fdic-transaction-id=838e8708691877ea4ac7448370362e22
  x-real-ip=10.184.100.58

Request Body:
-no body in request-
```


## UPLOAD IMAGE TO IBM CONTAINER REGISTRY:

Clusters

Registry

Vulnerability Advisor

Solutions



**IBM Cloud Kubernetes Service**

Your Kubernetes clusters will live here after you create them.

Create cluster



[← View All](#)



# Create new cluster

Region

US South

## Cluster type

Free

New to Kubernetes? Create a cluster with 1 worker node to explore the capabilities.

Free

Standard

Ready for production? Create a fully-customizable cluster with your choice of hardware isolation.

Starting from \$0.11 hourly

Cluster name

mycluster

Create Cluster

## Order Summary

Free

1 worker node

Free

Total:

Free

Create Cluster

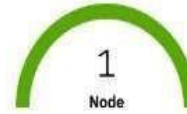
Need help? [Contact IBM Cloud Sales](#)



Summary

Cluster ID 1f9e73a29629417f9a88b2e48b12f571  
Kubernetes version 1.9.8\_1515  
Zones hou02  
Owner Kunal.Malhotra1@ibm.com

Worker Nodes



1 Normal  
0 Warning  
0 Critical  
0 Pending

Worker Nodes

Search

Add Nodes

<input type="checkbox"/>	Name	Status	Worker Pool	Zone	Private IP	Public IP	Kubernetes Version
<input type="checkbox"/>	w1	Normal	default	hou02	10.47.79.201	184.172.233.151	1.9.8_1517

Items per page: 10 | 1-1 of 1 items

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