

CONTAINER SERVICES PLATFORM



AMAZON EC2
CONTAINER
REGISTRY

- PRIVATE DOCKER REGISTRY
- STORE, MANAGE & DEPLOY IMAGES
- INTEGRATED WITH ECS
- SECURED WITH IAM



POINT IN TIME CODE AND DEPENDENCIES

CODE
Docker Container

RUNTIMES

SYSTEM
TOOLS

LIBRARIES

ECS SERVICE
AUTO-SCALING

ANY MACHINE THAT
CAN RUN DOCKER

CLOUDWATCH

EC2 INSTANCE
AUTO-SCALING

TASK PLACEMENT STRATEGIES

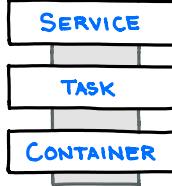
BALANCED:

PACKED:

1 PER
INSTANCE:

CUSTOM:

POINT IN TIME CONTAINER CONFIGURATION



ECS TASK:

- DOCKER IMAGE
- CPU & MEMORY NEEDED
- NETWORKING & PORTS
- CONTAINER LINKAGE
- STORAGE VOLUMES
- IAM ROLES

TOOLING

- CLOUDFORMATION
- AWS CONSOLE
- COMMAND LINE
- AWS SDKS

COST

PAY FOR EC2, EBS, ETC
NO ADD'L COST FOR ECS

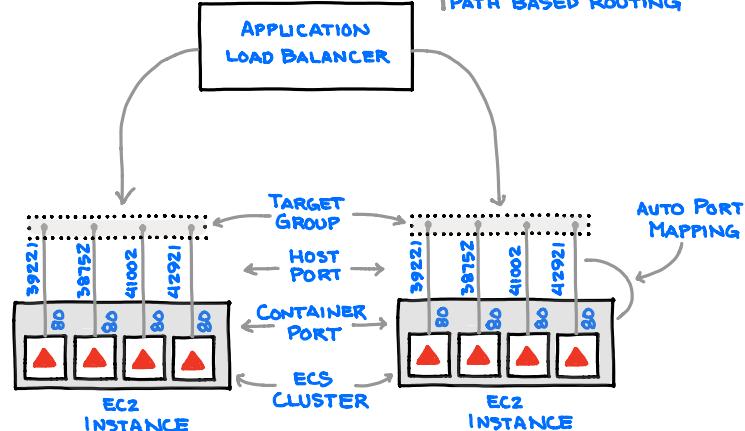
AMAZON ELASTIC CONTAINER SERVICE

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11/22/17

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my day job

LEVEL 7
HOST BASED ROUTING
PATH BASED ROUTING



MANAGES INSTANCE CONTAINERS
COMMS BETWEEN ECS & DOCKER DAEMON

NEW!

VPC NETWORKING
FOR CONTAINERS

ECS
CLUSTER

DIFFERENT
TYPES/SIZES
ALLOWED



EC2
INSTANCES
IN VPC

ON DEMAND,
SPOT AND/OR
RESERVED