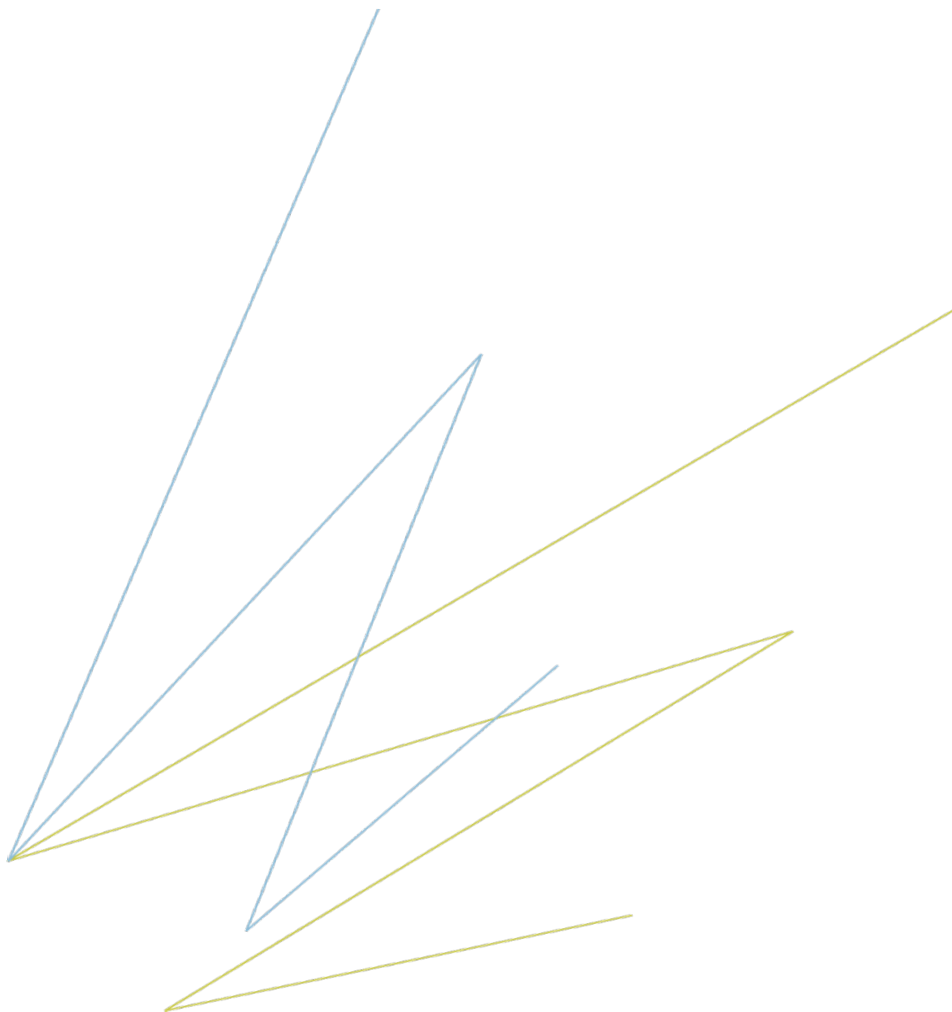


Criteria o

deploy their software in a container (i.e., utilized operating-system-level virtualization)

Doing What's Right—Doing What Works



Criteria o:

deploy their software in a container (i.e., utilized operating-system-level virtualization)

Two virtual machines were utilized for the development of this prototype. Uffo is a virtual machine that has the responsibility of running Jenkins. The primary Jenkins job downloads, builds and deploys the code to an Amazon Web Services (AWS) virtual machine running tomcat 7 in a Docker container. The prototype is deployed from Uffo directly to the AWS virtual machine.

The screenshot displays the AWS Management Console interface for an EC2 instance. At the top, there is a search bar and a table of instances. The instance 'AMI-Docker-18F' with ID 'i-e0b5601e' is highlighted, showing it is a 't2.micro' instance in the 'us-east-1d' availability zone, currently in a 'running' state. Below this, the instance details are shown for 'i-e0b5601e (AMI-Docker-18F)', including its Public DNS address. The 'Description' tab is active, displaying the following details:

| | |
|-----------------------|-----------------|
| Instance ID | i-e0b5601e |
| Instance state | running |
| Instance type | t2.micro |
| Private DNS | |
| Private IPs | |
| Secondary private IPs | |
| VPC ID | vpc-98bf54fd |
| Subnet ID | subnet-e32d02a5 |

The AWS virtual machine runs the application using Tomcat 7 in a Docker Container. This is a screen capture from AWS console displaying the virtual machine used