

# Understanding Application Lifecycle Management

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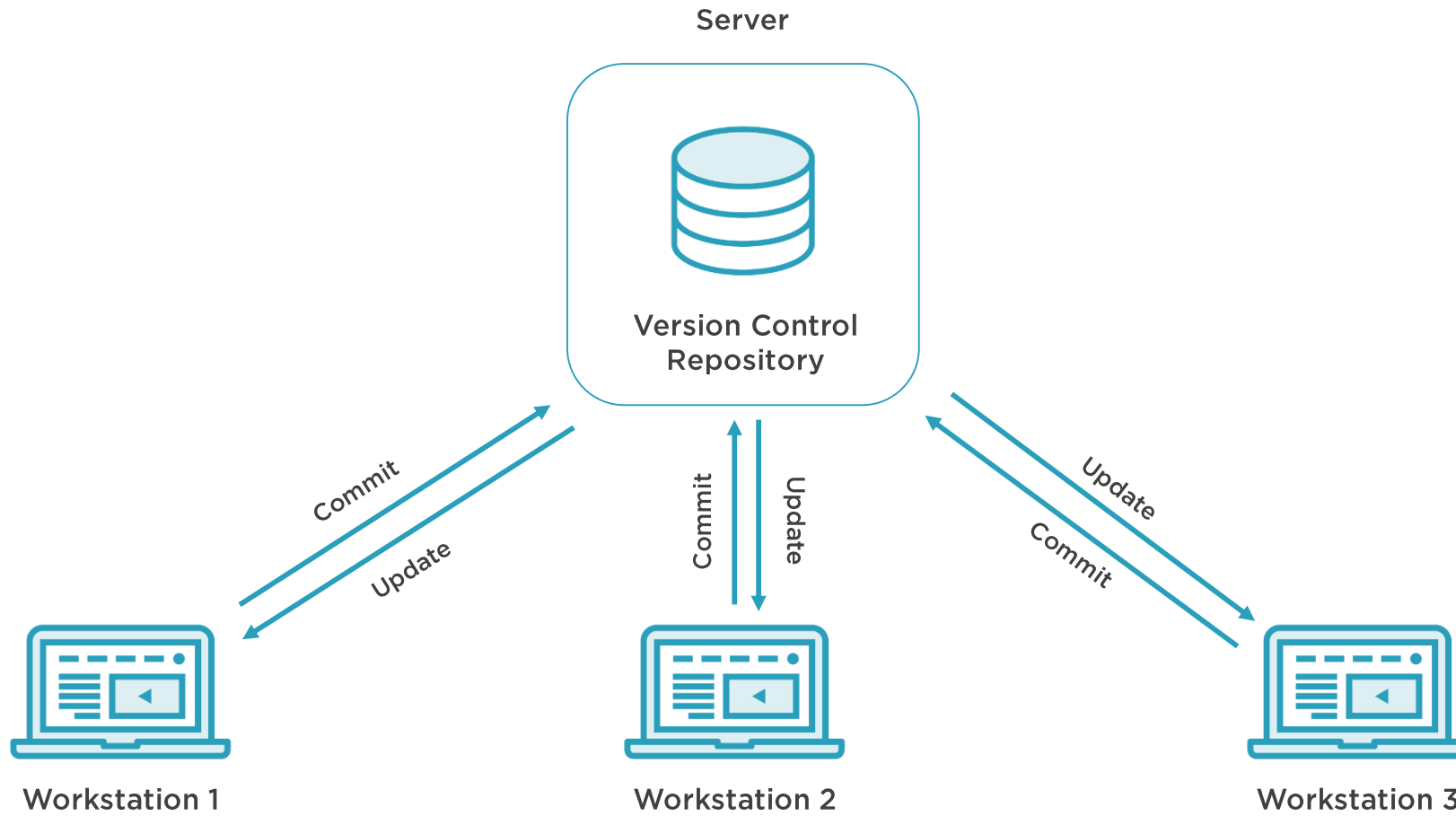


**Mike Pfeiffer**

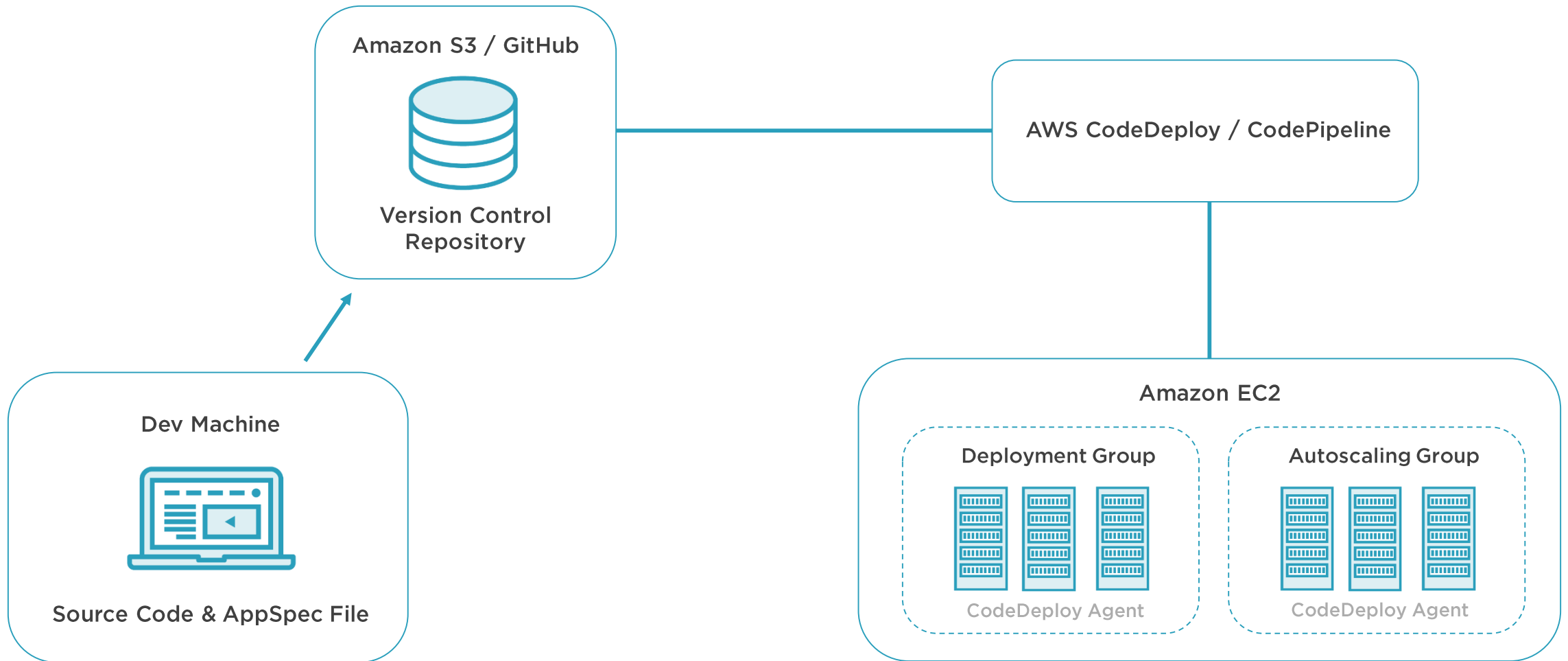
@mike\_pfeiffer [linkedin.com/in/mpfeiffer](https://www.linkedin.com/in/mpfeiffer)



# Version Control



# AWS CodeDeploy and CodePipeline



# Bootstrapping and Building Images

▼ Advanced Details

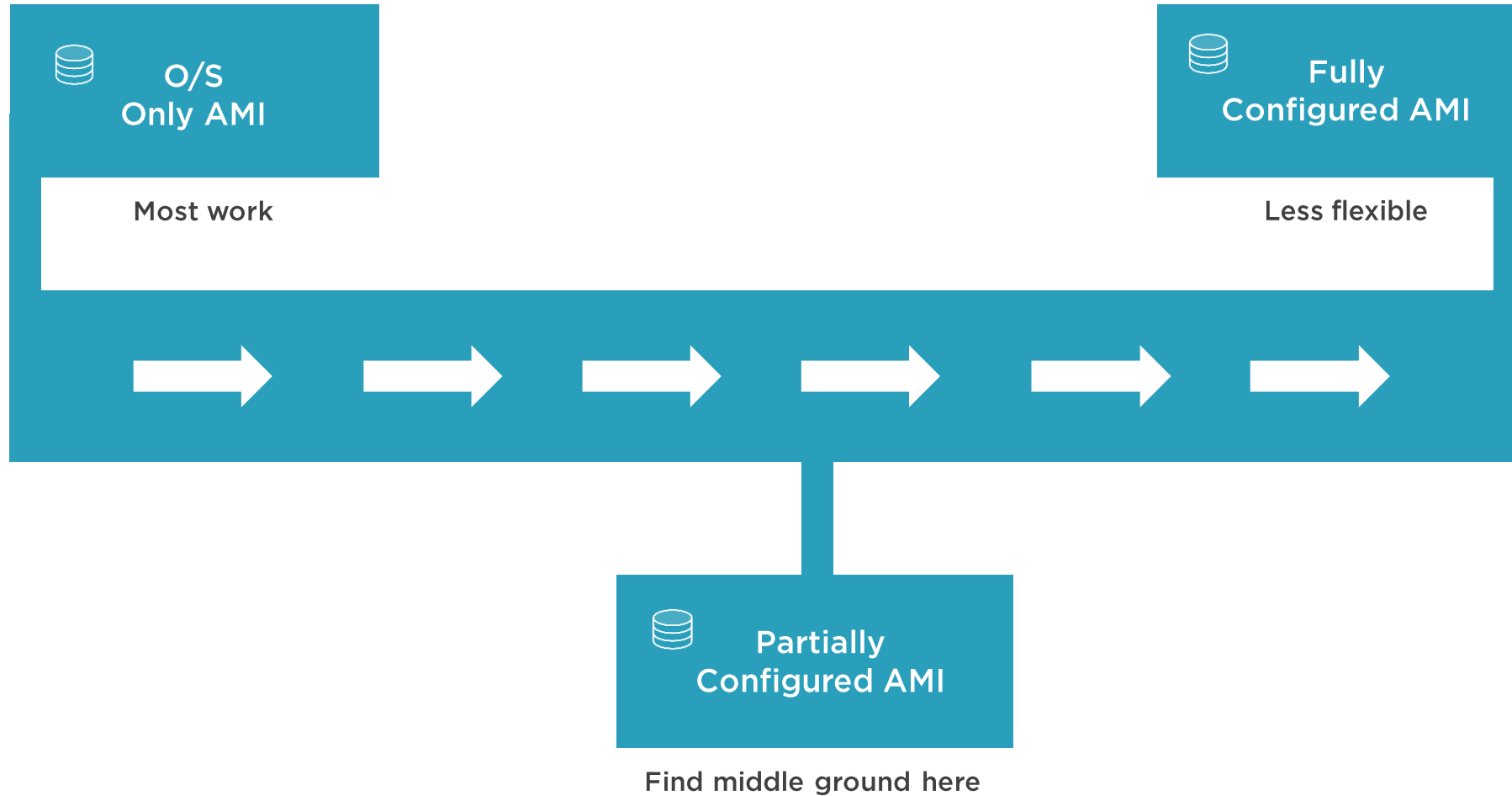
User data ⓘ

☒ As text ☐ As file ☐ Input is already base64 encoded

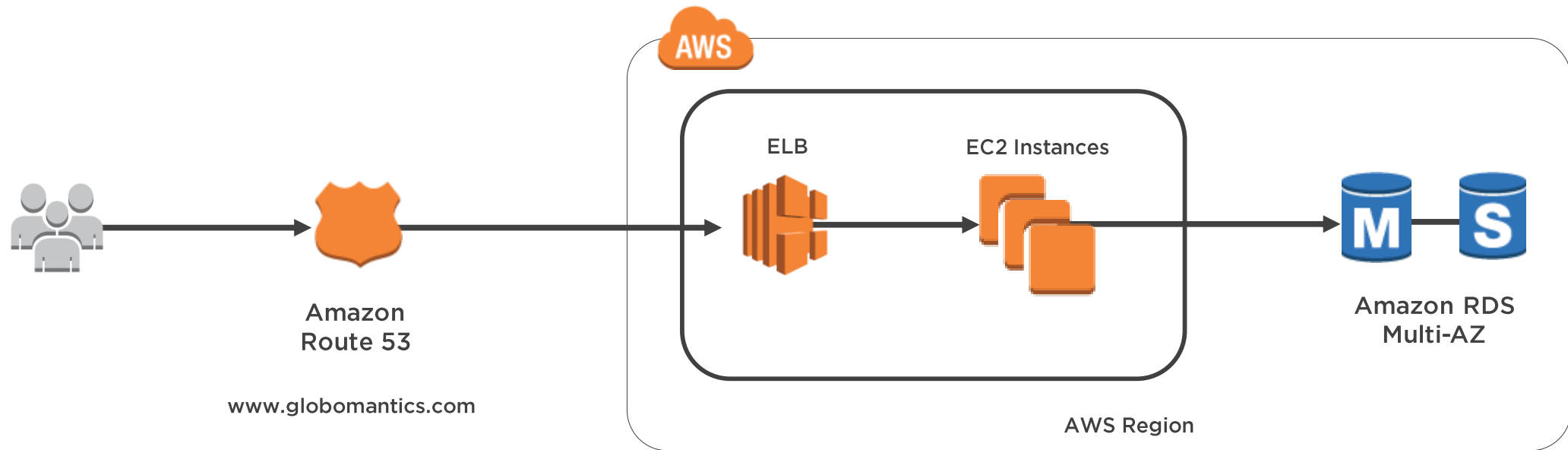
```
#!/bin/bash
yum install -y aws-cli
cd /home/ec2-user/
aws s3 cp 's3://aws-coddeploy-us-east-1/latest/codedeploy-agent.noarch.rpm' . --region us-east-1
yum -y install codedeploy-agent.noarch.rpm
```



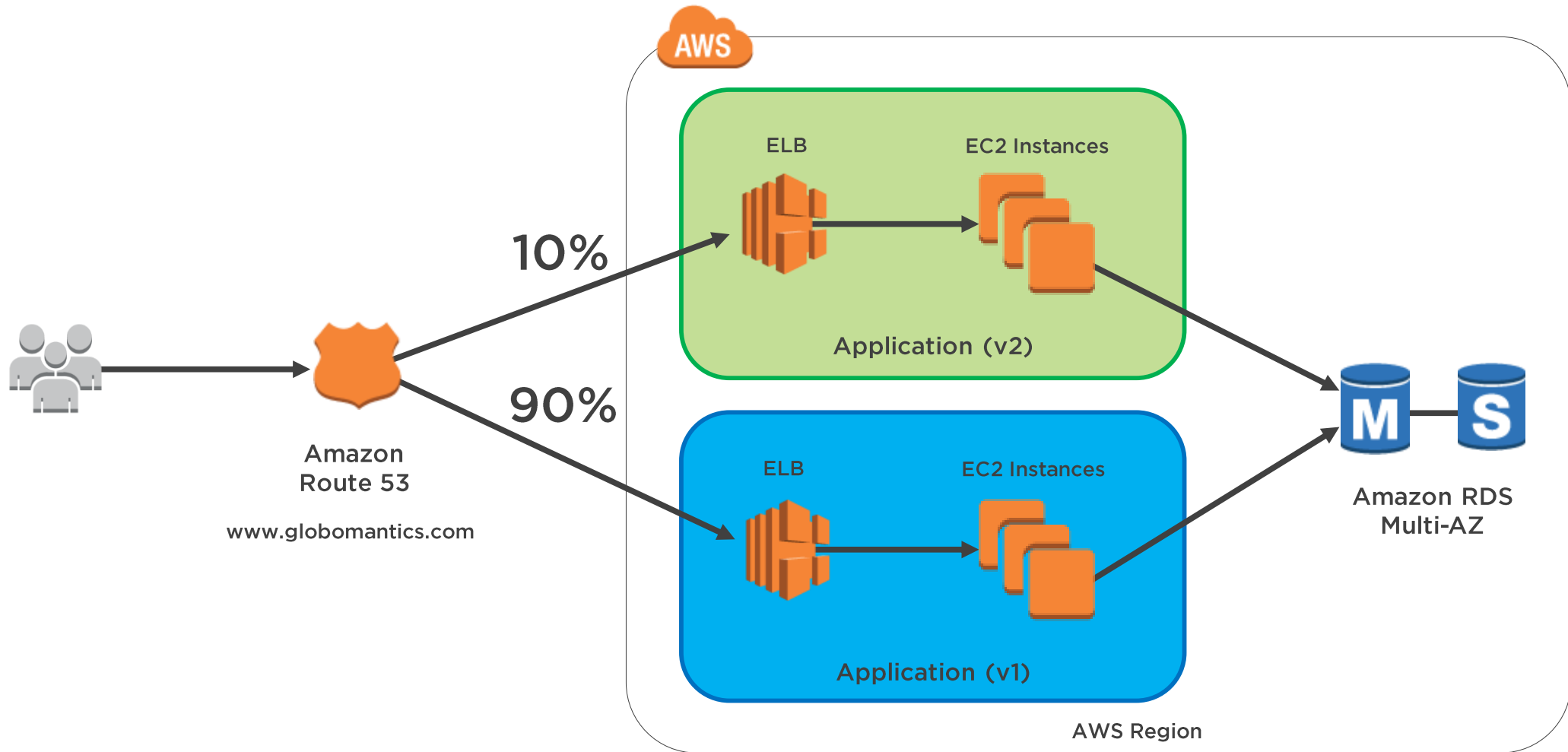
# Bootstrapping and Building Images



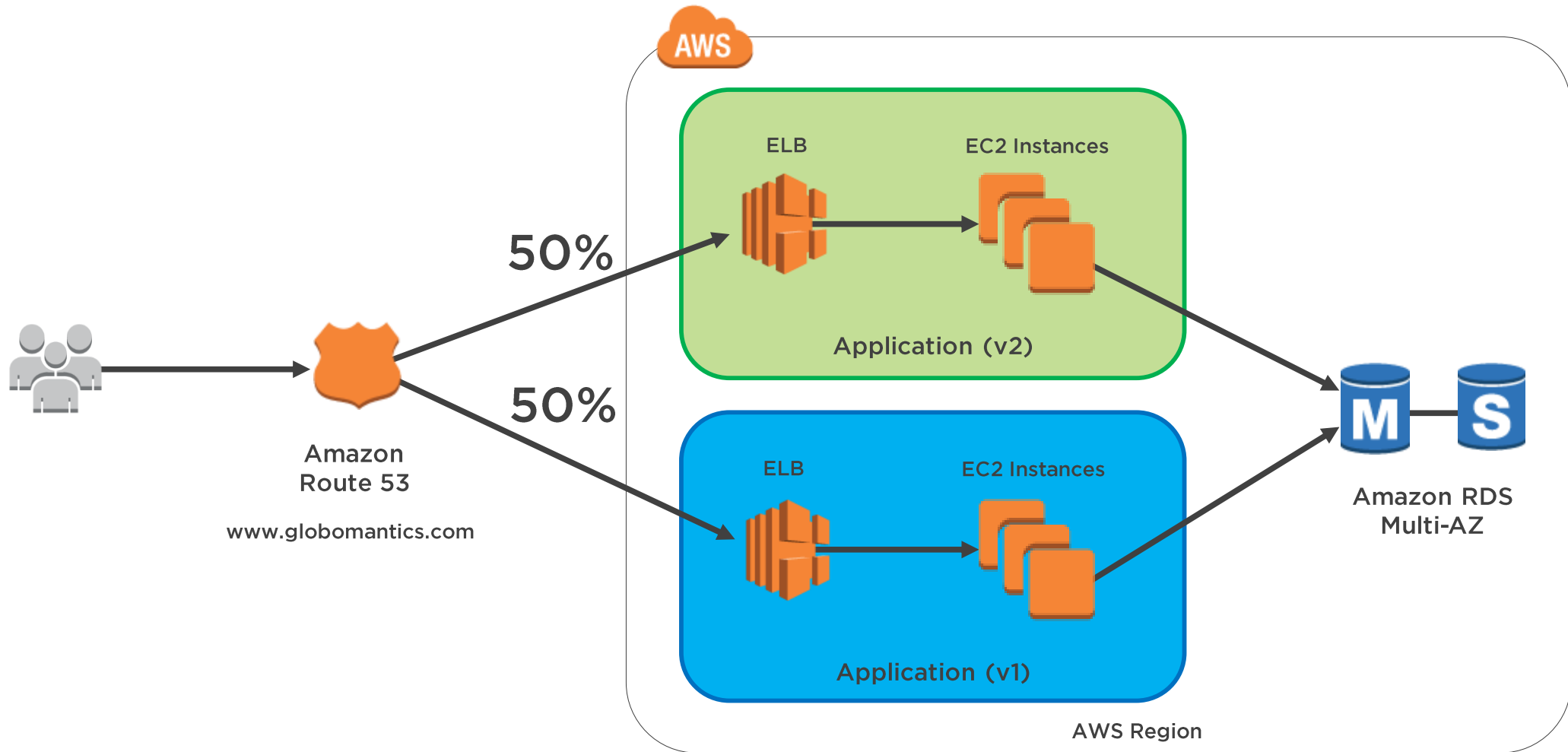
# Blue-green Deployments



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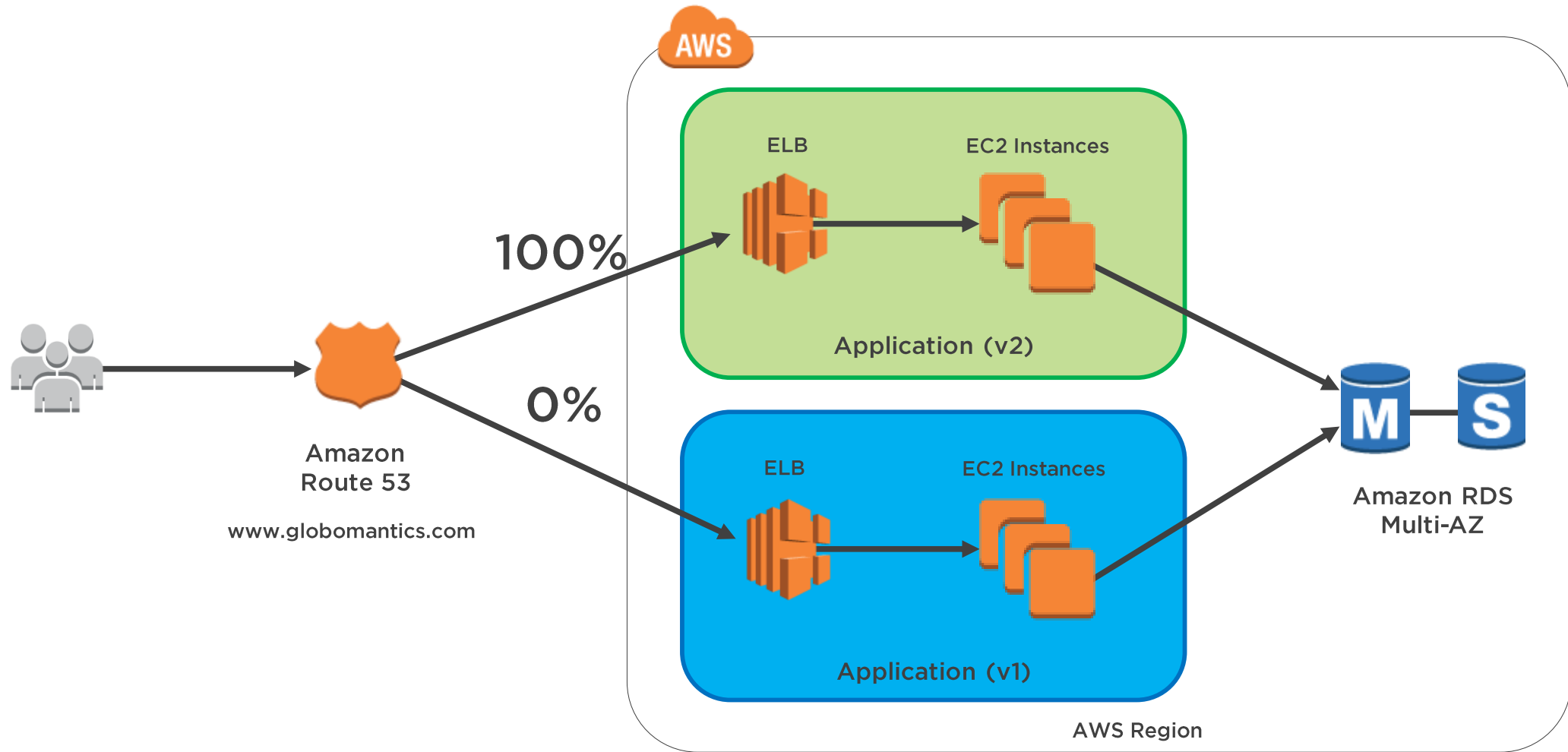


# Blue-green Deployments

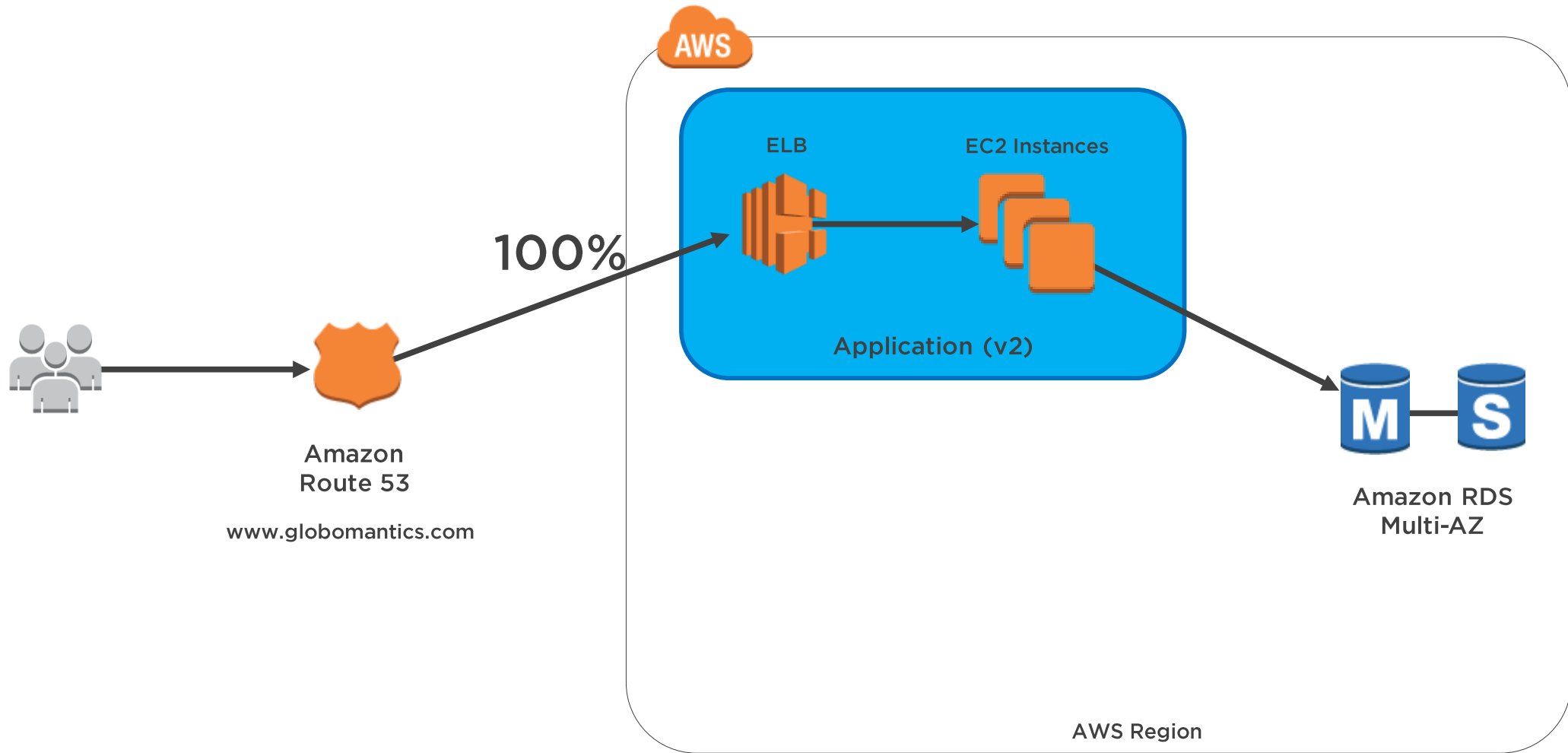




# Blue-green Deployments



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## DNS record TTL

Set a low time-to-live on DNS record for client to prevent client cache issues

## Database schema

Ensure that DB schema or code changes are backward compatible



# Summary



**Version control**

**Build tools and tests**

**Deployment and bootstrapping**

**Blue-green deployments**

