CLOUDFORMATION CLI LAB INSTRUCTIONS:

**Create our first Stack:**

aws cloudformation create-stack --stack-name myteststack --template-body <file://simplified-EC2.txt>

**List the subnets we have available so we specify where to create our next stack :**

aws ec2 describe-subnets --output text

**Create stack with parameters (Subnet 1):**

aws cloudformation create-stack --stack-name myteststack --template-body file://ec2-subnets.txt --parameters ParameterKey=SubnetId,ParameterValue=subnet-233d7246

**Create stack with parameters (Subnet 2):**

aws cloudformation create-stack --stack-name myteststack1 --template-body file://ec2-subnets.txt --parameters ParameterKey=SubnetId,ParameterValue=subnet-e5d69ee9

**After we create our first 2 stacks. Let’s describe them.**

aws cloudformation describe-stacks

**Update our Stack:**

aws cloudformation update-stack --stack-name mystack --template-url https://s3.amazonaws.com/sample/updated.template --parameters ParameterKey=KeyPairName,ParameterValue=SampleKeyPair

**Delete our stacks:**

aws cloudformation delete-stack --stack-name mystack

In this way we can create stacks of resources. In this case, it’s only an EC2 and a security group. But we can create a stack with a lot more resources. Like we did in the VPC section of this course, we could make a VPC with public/private subnets, routes, gateways, instances, security groups all in one template.

And with parameters we can reuse them.

This is a very powerful tool to have.

I will create a Cloud formation Course on Udemy soon where I go into a lot more details and create a lot more resources. Look out for that.