# AWS NonBastion Host CloudFormation Demonstration Steps

**1. If "cca-linux-key-pair" is not already imported to AWS, issue command below**

aws ec2 import-key-pair --key-name "cca-linux-key-pair" --public-key-material fileb://L:\CloudComputingAssociates\Technical\keys\linux-key\cca-linux-key-public

**2. Confirm AWS CLI settings**

aws configure

**3. Clone Github repository**

git clone https://github.com/rjmazurik/AWSNonBastionHost

**4. Create stack**

aws cloudformation create-stack --stack-name nonbastionhost --template-body file://AWSNonBastionHost/AWSNonBastionHost.YAML --tags Key=Deprovision,Value=AWSNonBastionHost

**5. View stack creation progress**

aws cloudformation describe-stacks

**6. Once stack creation is finished, note and copy either output EC2 Public IP or EC2 Public DNS Name**

**7. Open PuTTY, paste Public IP / Public DNS Name**

**8. Go to Connection -> SSH -> Auth and browse for "cca-linux-key-private.ppk" (File Path L:\CloudComputingAssociates\Technical\keys\linux-key\cca-linux-key-private.ppk)**

**9. Log into EC2 Instance with user: ec2-user**

**10. Stack teardown**

aws cloudformation delete-stack --stack-name nonbastionhost

**11. Confirm stack deletion progress / completion (once deleted command will indicate "Stacks: []")**

aws cloudformation describe-stacks