

Lab 8: Automation with CloudFormation

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IFT 562: Cloud Security & Operations for IT

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Figure 1

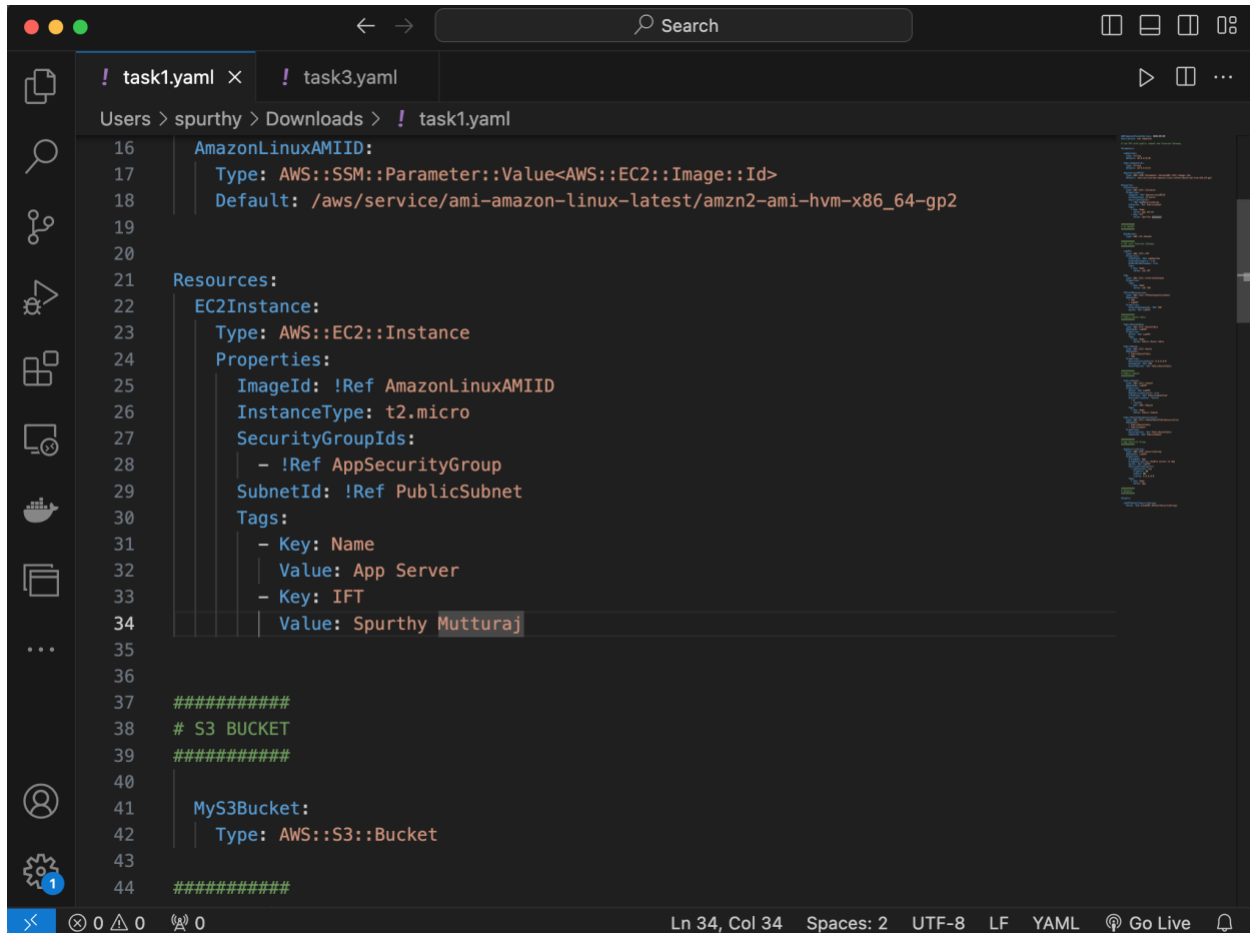
A screenshot showing launched CloudFormation stack.

The screenshot displays the AWS CloudFormation console in the us-east-1 region. The left sidebar shows the 'Stacks' list with one stack named 'Lab', created on 2023-10-07 at 10:17:08 UTC-0700, in a 'CREATE_COMPLETE' state. The main panel shows the 'Lab' stack details, with the 'Resources' tab selected. It lists 8 resources, all of which are in the 'CREATE_COMPLETE' state.

Logical ID	Physical ID	Type	Status	Module
AppSecurityGroup	sg-0c3e1798cd005337b	AWS::EC2::SecurityGroup	CREATE_COMPLETE	-
IGW	igw-017fbdd6f25e5be2a	AWS::EC2::InternetGateway	CREATE_COMPLETE	-
LabVPC	vpc-033b9613ecb672b04	AWS::EC2::VPC	CREATE_COMPLETE	-
PublicRoute	rtb-0e687cd0ea8cdf3d8j0.0.0.0/0	AWS::EC2::Route	CREATE_COMPLETE	-
PublicRouteTable	rtb-0e687cd0ea8cdf3d8	AWS::EC2::RouteTable	CREATE_COMPLETE	-
PublicRouteTableAssociation	rtbassoc-0047a7b1e26574683	AWS::EC2::SubnetRouteTableAssociation	CREATE_COMPLETE	-
PublicSubnet	subnet-08c5cd256e825e026	AWS::EC2::Subnet	CREATE_COMPLETE	-
VPCToGWConnection	Lab-VPCToG-BJ1ENHQLRIDA	AWS::EC2::VPCGatewayAttachment	CREATE_COMPLETE	-

Figure 2

Screenshot of the added tag.



```
16 AmazonLinuxAMIID:
17   Type: AWS::SSM::Parameter::Value<AWS::EC2::Image::Id>
18   Default: /aws/service/ami-amazon-linux-latest/amzn2-ami-hvm-x86_64-gp2
19
20
21 Resources:
22   EC2Instance:
23     Type: AWS::EC2::Instance
24     Properties:
25       ImageId: !Ref AmazonLinuxAMIID
26       InstanceType: t2.micro
27       SecurityGroupIds:
28         - !Ref AppSecurityGroup
29       SubnetId: !Ref PublicSubnet
30       Tags:
31         - Key: Name
32           Value: App Server
33         - Key: IFT
34           Value: Spurthy Mutturaj
35
36
37 #####
38 # S3 BUCKET
39 #####
40
41 MyS3Bucket:
42   Type: AWS::S3::Bucket
43
44 #####
```

Ln 34, Col 34 Spaces: 2 UTF-8 LF YAML Go Live