

Roozah Khan

Lab #2

1.)

The screenshot shows the AWS CloudFormation console. On the left, the 'Stacks' section is expanded, showing three stacks: 'WebApp1-Static', 'WebApp1-VPC', and 'StackSet-AWS-QuickSetup-SSM'. The 'WebApp1-Static' stack is selected, and its details are shown. The stack is in the 'CREATE_COMPLETE' state. The 'Outputs' tab is selected, showing a single output named 'WebsiteURL' with the value 'http://WebApp-ALB1L-B22PH4CQNL8-1558023663.us-east-1.elb.amazonaws.com/index.html'.

Key	Value	Description	Export name
WebsiteURL	http://WebApp-ALB1L-B22PH4CQNL8-1558023663.us-east-1.elb.amazonaws.com/index.html	Static Website	-

2.)

The screenshot shows the AWS Management Console with a terminal window open. The terminal shows the command 'pip install boto3' being executed, and the output shows the installation progress for boto3 and its dependencies. The terminal output is as follows:

```
SyntaxError: invalid syntax
(base) rsk@Roohzahs-Air ~ % pip install boto3
Collecting boto3
  Downloading boto3-1.20.20-py3-none-any.whl (131 kB)
    |#####| 131 kB 3.1 MB/s
Collecting botocore<1.24.0,>=1.23.20
  Downloading botocore-1.23.20-py3-none-any.whl (8.4 MB)
    |#####| 8.4 MB 5.9 MB/s
Collecting jmespath<1.0.0,>=0.7.1
  Downloading jmespath-0.10.0-py2.py3-none-any.whl (24 kB)
    |#####| 24 kB 4.8 MB/s
Collecting s3transfer<0.6.0,>=0.5.0
  Downloading s3transfer-0.5.0-py3-none-any.whl (79 kB)
    |#####| 79 kB 4.8 MB/s
Requirement already satisfied: python-dateutil<3.0.0,>=2.1 in /opt/anaconda3/lib/python3.8/site-packages (from botocore<1.24.0,>=1.23.20->boto3) (2.8.1)
Requirement already satisfied: urllib3<1.27,>=1.25.4 in /opt/anaconda3/lib/python3.8/site-packages (from botocore<1.24.0,>=1.23.20->boto3) (1.26.4)
Requirement already satisfied: six>=1.5 in /opt/anaconda3/lib/python3.8/site-packages (from python-dateutil<3.0.0,>=2.1->botocore<1.24.0,>=1.23.20->boto3) (1.15.0)
Installing collected packages: jmespath, botocore, s3transfer, boto3
Successfully installed boto3-1.20.20 botocore-1.23.20 jmespath-0.10.0 s3transfer-0.5.0
(base) rsk@Roohzahs-Air ~ %
```

3.)

```
(base) rsk@Roozahs-Air Downloads % python fail_instance.py vpc-02115c4d0bb06edfb  
vpc-02115c4d0bb06edfb  
Terminating instance:  
i-05dd893b8682b2ed0  
(base) rsk@Roozahs-Air Downloads %
```

The screenshot shows the AWS Management Console for the 'Instances' page. The left sidebar contains navigation links: EC2 Dashboard, EC2 Global View, Events, Tags, Limits, and a dropdown for 'Instances' which includes 'Instances' (highlighted), Instance Types, Launch Templates, Spot Requests, Savings Plans, and Reserved Instances. The main panel shows a table of instances with columns: Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IP. Three instances are listed, all named 'WebApp1'. The first instance (ID: i-05dd893b8682b2ed0) is 'Terminated'. The other two are 'Running'. Below the table, a 'Select an instance' dialog box is open.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
WebApp1	i-05dd893b8682b2ed0	Terminated	t3.micro	-	No alarms	us-east-1c	-
WebApp1	i-01e818ac21afa9b0b	Running	t3.micro	2/2 checks passed	No alarms	us-east-1a	-
WebApp1	i-0b4018cc2719de7e3	Running	t3.micro	2/2 checks passed	No alarms	us-east-1b	-

4.)

The screenshot shows the AWS Management Console for the 'CloudFormation' page, specifically the 'Stacks' section. The left sidebar contains navigation links: CloudFormation, Stacks (highlighted), StackSets, Exports, Designer, Registry, and Feedback. The main panel shows a table of stacks with columns: Stack name, Status, Created time, and Description. One stack is listed: 'WebApp1-VP' with a status of 'DELETE_IN_PROGRESS' and a creation time of '2021-12-04 20:19:33 UTC-0500'. The description of the stack is visible on the right side of the table.

Stack name	Status	Created time	Description
WebApp1-VP	DELETE_IN_PROGRESS	2021-12-04 20:19:33 UTC-0500	This template is from: https://www.wellarchitectedlabs.com/AWS-CloudFormation-Sample-Template-for-VP . Creates a multi-tier network appropriate for a web application including subnets for application, application load balancer (can disable), database (can disabled using parameter), and shared services (can disable). **WARNING** You will be billed for the AWS resources created if you create a stack from this template. Copyright 2019-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved. Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with the License. A copy of the License is located at https://www.apache.org/licenses/LICENSE-2.0 or in the "license" file accompanying this file. This

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CloudWatch

Favorites

Dashboards

Alarms

010

In alarm

All alarms

Billing

Logs

Log groups

Logs Insights

Metrics

All metrics

Explorer

The following log group(s) have been deleted:

WebApp1-VPC-VPCFlowLogGroup-OrEEDpDGoogD

CloudWatch

Log groups

Log groups (8)

By default, we only load up to 10000 log groups.

Filter log groups or try prefix search

Exact match

< 1 >

Log group

Retention

Metric filters

Contributor Insights

Subscription filters

/ecs/first-run-task-definition

Never expire

-

-

-

RDSOSMetrics

1 month

-

-

-

WebApp1-Instance-apache-access

Never expire

-

-

-

WebApp1-Instance-apache-error

Never expire

-

-

-

WebApp1-Instance-cloudwatch-agent

Never expire

-

-

-