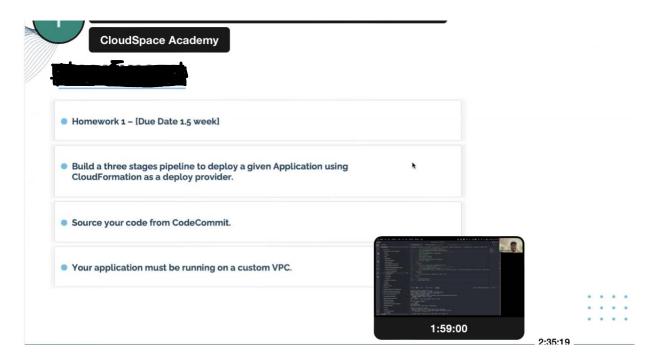
Project: Built 3 stage CICD Pipeline: Test in US-East-1 and deploy US-West-1 as Production Environment



```
Each_side Su = e67-user

Last login: Sun Jun 4 16:13:17 UTC 2023 on pts/0

[ec2-user*ip-10-0-0-40 -]$ ls

ec2-user*ip-10-0-0-40 -]$ aws cloudformation package ec2-user.yml --s3-bucket testenv-s3bucket --output-template-file outputdeploytemp late.yml

usage: aws [options] <command> <subcommand> ...] [parameters]

To see help text, you can run:

aws help

aws <command> help

aws <command> help

aws <command> help

aws : error: the following arguments are required: --template-file

[ec2-user*ip-10-0-0-40 -]$ aws cloudformation package --template-file ec2-user.yml --s3-bucket testenv-s3bucket --output-template-file

outputdeploytemplate.yml

Successfully packaged artifacts and wrote output template to file outputdeploytemplate.yml.

Execute the following command to deploy the packaged template

aws cloudformation deploy --template-file /home/ec2-user/outputdeploytemplate.yml --stack-name <YOUR STACK NAME>

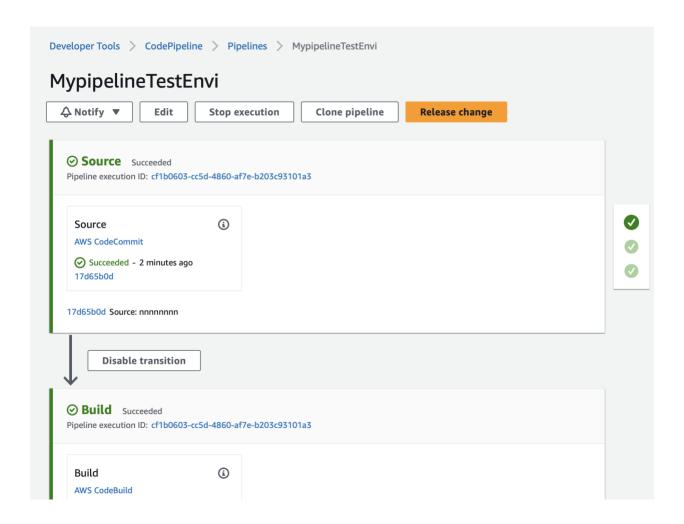
[ec2-user*ip-10-0-0-40 -]$
```

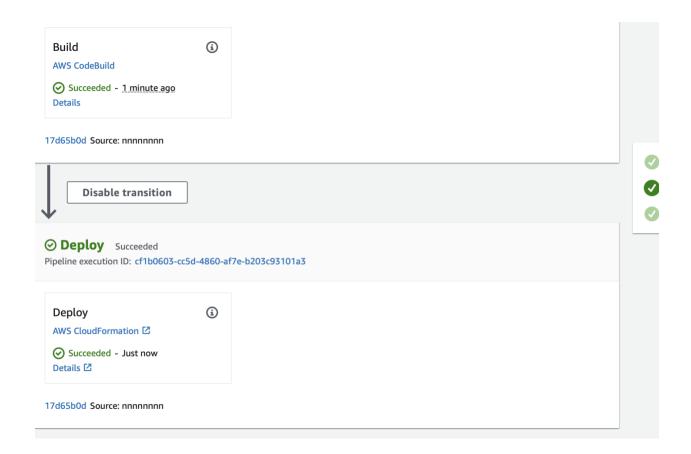
```
Sh-5.2$ sudo su - ec2-user
Last login: Sun un 4 16:13:17 UTC 2023 on pts/0
[ec2-user*ip-10-0-0-40 -]$ ls
ec2-user.yml --s3-bucket testenv-s3bucket --output-template-file outputdeploytemp
late.yml
usage: aws [options] <command> <subcommand> [<subcommand> ...] [parameters]
To see help text, you can run:

aws help
aws <command> help
aws <command> help
aws <command> help
aws : error: the following arguments are required: --template-file
[ec2-user*ip-10-0-0-40 -]$ aws cloudformation package --template-file ec2-user.yml --s3-bucket testenv-s3bucket --output-template-file
outputdeploytemplate.yml

Successfully packaged artifacts and wrote output template to file outputdeploytemplate.yml.

Execute the following command to deploy the packaged template
aws cloudformation deploy --template-file /home/ec2-user/outputdeploytemplate.yml --stack-name <YOUR STACK NAME>
[ec2-user*ip-10-0-0-40 -] $ ls
ec2-user*ip-10-0-0-40 -] $ ls
ec2-user*
```





```
1 [Container] 2023/06/07 06:23:04 Waiting for agent ping
2 [Container] 2023/06/07 06:23:05 Waiting for DOWNLOAD_SOURCE
3 [Container] 2023/06/07 06:23:06 Phase is DOWNLOAD_SOURCE
4 [Container] 2023/06/07 06:23:06 CODEBUILD_SRC_DIR=/codebuild/output/src263406981/src
5 [Container] 2023/06/07 06:23:06 YAML location is /codebuild/output/src263406981/src/buildspec.yml
6 [Container] 2023/06/07 06:23:06 No commands found for phase name: install
7 [Container] 2023/06/07 06:23:06 Setting HTTP client timeout to higher timeout for S3 source
8 [Container] 2023/06/07 06:23:06 Processing environment variables
9 [Container] 2023/06/07 06:23:06 Selecting 'python' runtime version '3.8' based on manual
   selections...
10 [Container] 2023/06/07 06:23:06 Running command echo "Installing Python version 3.8 ..."
11 Installing Python version 3.8 ...
13 [Container] 2023/06/07 06:23:06 Running command pyenv global $PYTHON_38_VERSION
14
15 [Container] 2023/06/07 06:23:07 Moving to directory /codebuild/output/src263406981/src
16 [Container] 2023/06/07 06:23:08 Configuring ssm agent with target id: codebuild:9e411e9b-71f0-4da8-
   a00c-5b142ce52dc5
17 [Container] 2023/06/07 06:23:08 Successfully updated ssm agent configuration
18 [Container] 2023/06/07 06:23:08 Registering with agent
19 [Container] 2023/06/07 06:23:08 Phases found in YAML: 4
20 [Container] 2023/06/07 06:23:08 POST_BUILD: 1 commands
21 [Container] 2023/06/07 06:23:08 INSTALL: 0 commands
22 [Container] 2023/06/07 06:23:08 PRE_BUILD: 9 commands
23 [Container] 2023/06/07 06:23:08 BUILD: 4 commands
24 [Container] 2023/06/07 06:23:08 Phase complete: DOWNLOAD_SOURCE State: SUCCEEDED
25 [Container] 2023/06/07 06:23:08 Phase context status code: Message:
26 [Container] 2023/06/07 06:23:08 Entering phase INSTALL
27 [Container] 2023/06/07 06:23:08 Phase complete: INSTALL State: SUCCEEDED
28 [Container] 2023/06/07 06:23:08 Phase context status code: Message:
29 [Container] 2023/06/07 06:23:08 Entering phase PRE_BUILD
30 [Container] 2023/06/07 06:23:08 Running command echo ==== WE ARE IN THE PREBUILT PHASE ====
31 ==== WE ARE IN THE PREBUILT PHASE ====
33 [Container] 2023/06/07 06:23:08 Running command echo CHECKING IF PYTHON HAS BEEN INSTALLED
34 CHECKING IF PYTHON HAS BEEN INSTALLED
```

```
36 [Container] 2023/06/07 06:23:08 Running command python --version
37 Python 3.8.16
38
39 [Container] 2023/06/07 06:23:09 Running command echo CHECK WHETHER PIP3 IS INSTALLED
40 CHECK WHETHER PIP3 IS INSTALLED
42 [Container] 2023/06/07 06:23:09 Running command pip3 --version
43 pip 21.1.2 from /root/.pyenv/versions/3.8.16/lib/python3.8/site-packages/pip (python 3.8)
45 [Container] 2023/06/07 06:23:24 Running command echo INSTALL CFN-LINT
46 INSTALL CFN-LINT
47
48 [Container] 2023/06/07 06:23:24 Running command pip3 install cfn-lint
49 Requirement already satisfied: cfn-lint in /root/.pyenv/versions/3.8.16/lib/python3.8/site-packages
   (0.77.0)
50 Requirement already satisfied: sarif-om~=1.0.4 in /root/.pyenv/versions/3.8.16/lib/python3.8/site-
   packages (from cfn-lint) (1.0.4)
51 Requirement already satisfied: junit-xml~=1.9 in /root/.pyenv/versions/3.8.16/lib/python3.8/site-
   packages (from cfn-lint) (1.9)
52 Requirement already satisfied: jsonschema<5,>=3.0 in
   /root/.pyenv/versions/3.8.16/lib/python3.8/site-packages (from cfn-lint) (3.2.0)
53 Requirement already satisfied: sympy>=1.0.0 in /root/.pyenv/versions/3.8.16/lib/python3.8/site-
   packages (from cfn-lint) (1.11.1)
```

packages (from cfn-lint) (1.32)
56 Requirement already satisfied: jschema-to-python~=1.2.3 in
/root/.pyenv/versions/3.8.16/lib/python3.8/site-packages (from cfn-lint) (1.2.3)

packages (from cfn-lint) (5.4.1)

57 Requirement already satisfied: networkx<4,>=2.4 in /root/.pyenv/versions/3.8.16/lib/python3.8/site-packages (from cfn-lint) (3.1)

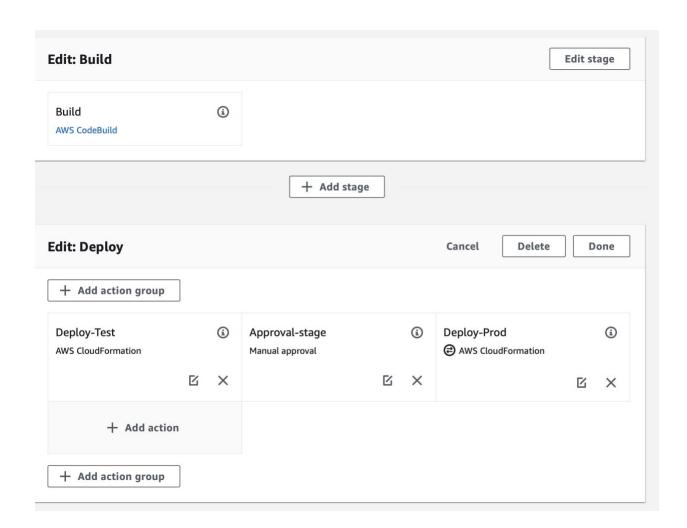
54 Requirement already satisfied: pyyaml>5.4 in /root/.pyenv/versions/3.8.16/lib/python3.8/site-

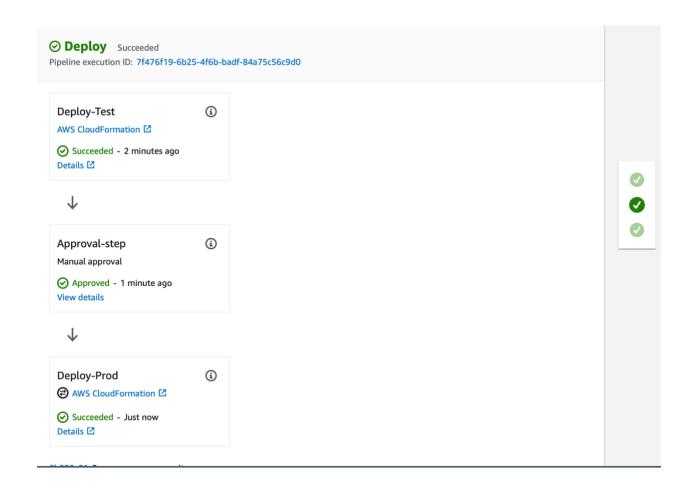
55 Requirement already satisfied: jsonpatch in /root/.pyenv/versions/3.8.16/lib/python3.8/site-

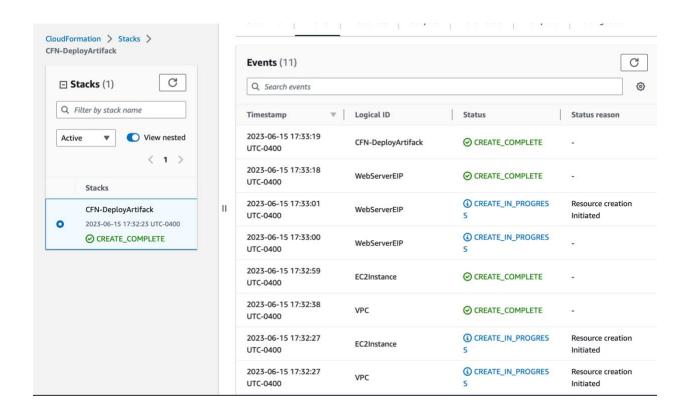
- 58 Requirement already satisfied: aws-sam-translator>=1.64.0 in /root/.pyenv/versions/3.8.16/lib/python3.8/site-packages (from cfn-lint) (1.64.0)
- 59 Requirement already satisfied: regex in /root/.pyenv/versions/3.8.16/lib/python3.8/site-packages (from cfn-lint) (2023.3.23)
- 60 Requirement already satisfied: typing-extensions<5,>=4.4 in /root/.pyenv/versions/3.8.16/lib/python3.8/site-packages (from aws-sam-translator>=1.64.0->cfn-lint) (4.4.0)
- 61 Requirement already satisfied: pydantic~=1.8 in /root/.pyenv/versions/3.8.16/lib/python3.8/site-nackages (from aws-sam-translator>=1.64 0->cfn-lint) (1.10.7)

```
OU [CONTRATHET] ENERGY BOOKES. SO RAINING COMMAND CON CHECK MILITIES CITY LIT IS INSTALLED
 81 CHECK WHETHER CFN-LINT IS INSTALLED
 83 [Container] 2023/06/07 06:23:33 Running command cfn-lint --version
 84 cfn-lint 0.77.0
 86 [Container] 2023/06/07 06:23:56 Phase complete: PRE_BUILD State: SUCCEEDED
 87 [Container] 2023/06/07 06:23:56 Phase context status code: Message:
 88 [Container] 2023/06/07 06:23:56 Entering phase BUILD
 89 [Container] 2023/06/07 06:23:56 Running command echo ==== TESTING OUR CLOUDFORMATION TEMPLATE ====
 90 ==== TESTING OUR CLOUDFORMATION TEMPLATE ====
 92 [Container] 2023/06/07 06:23:56 Running command cfn-lint ec2-user.yml
 93
 94 [Container] 2023/06/07 06:24:00 Running command echo WE ARE RUNNING OUR CFN TEMPLATE
 95 WE ARE RUNNING OUR CFN TEMPLATE
 97 [Container] 2023/06/07 06:24:00 Running command aws cloudformation package --template-file ec2-
    user.yml --s3-bucket mydeployactifct-bucket --output-template-file outputdeploytemplate.yml
98
99 Successfully packaged artifacts and wrote output template to file outputdeploytemplate.yml.
100 Execute the following command to deploy the packaged template
101 aws cloudformation deploy --template-file
    /codebuild/output/src263406981/src/outputdeploytemplate.yml --stack-name <YOUR STACK NAME>
102
103 [Container] 2023/06/07 06:24:06 Phase complete: BUILD State: SUCCEEDED
104 [Container] 2023/06/07 06:24:06 Phase context status code: Message:
105 [Container] 2023/06/07 06:24:06 Entering phase POST_BUILD
106 [Container] 2023/06/07 06:24:06 Running command echo **** Build was completed at `date` ****
107 buildspec.yml ec2-user.yml outputdeploytemplate.yml Build was completed at Wed Jun 7 06:24:06 UTC
    2023 buildspec.yml ec2-user.yml outputdeploytemplate.yml
108
109 [Container] 2023/06/07 06:24:06 Phase complete: POST_BUILD State: SUCCEEDED
110 [Container] 2023/06/07 06:24:06 Phase context status code: Message:
111 [Container] 2023/06/07 06:24:06 Expanding base directory path: .
112 [Container] 2023/06/07 06:24:06 Assembling file list
113 [Container] 2023/06/07 06:24:06 Expanding .
114 [Container] 2023/06/07 06:24:06 Expanding file paths for base directory .
115 [Container] 2023/06/07 06:24:06 Assembling file list
116 [Container] 2023/06/07 06:24:06 Expanding ec2-user.yml
```

welcome to our test environment in us-east-1.







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velcome to our test and Prod environment in us-west-1.

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