

Project02 Report

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Knowledge check

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Guided lab for cloud formation

Stacks (1)

Filter by stack name

Active

View nested

Lab

2022-11-04 00:29:32 UTC-0800

CREATE_COMPLETE

Stack info

Events

Resources

Outputs

Parameters

Template

Change sets

Resources (8)

Search resources

Logical ID	Physical ID	Type	Status	Module
AppSecurityGroup	sg-022dc2f9b95470839	AWS::EC2::SecurityGroup	CREATE_COMPLETE	-
IGW	igw-0c314f21afab18a75	AWS::EC2::InternetGateway	CREATE_COMPLETE	-
LabVPC	vpc-0aef9aaf50b3d8dc6	AWS::EC2::VPC	CREATE_COMPLETE	-
PublicRoute	Lab-PublicR-19UR6RJQ3MA0	AWS::EC2::Route	CREATE_COMPLETE	-
PublicRouteTable	rtb-0b35e6dc5c9aaa5	AWS::EC2::RouteTable	CREATE_COMPLETE	-
PublicRouteTableAssociation	rtbassoc-02af754aa3cda7f12	AWS::EC2::SubnetRouteTableAssociation	CREATE_COMPLETE	-
PublicSubnet	subnet-018f5c45d0c79bb40	AWS::EC2::Subnet	CREATE_COMPLETE	-
VPCGWConnection	Lab-VPCtoG-1EDNS4AN81M4T	AWS::EC2::VPCGatewayAttachment	CREATE_COMPLETE	-

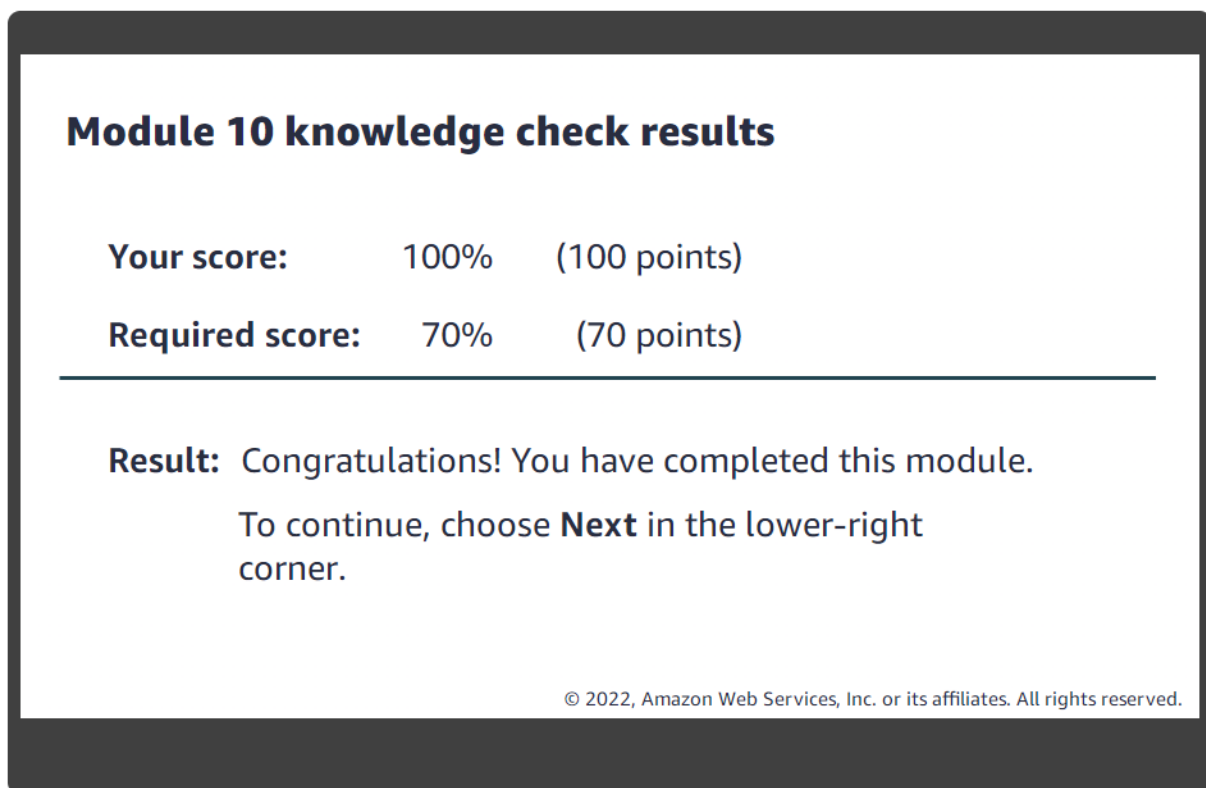
Note: All resources in the lab are created using the yaml files and add bucket to stack

Lessons learnt: After this lab, I'm able to create my own stack using pre-defined yaml files. And I have got a basic understanding of how cloud formation works and how should I utilize it.

Cloud architecture Chapter 10

Figure 3

Knowledge check



Module 10 knowledge check results

Your score:	100%	(100 points)
Required score:	70%	(70 points)

Result: Congratulations! You have completed this module.
To continue, choose **Next** in the lower-right corner.

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Note: passing knowledge check for module 10.

Figure 4

Finishes Automating guided lab

Module 10 Guided Lab - Automating Infrastructure Deployment with AWS CloudFormation

Due No Due Date Points 100 Submitting an external tool

SubmitDetailsAWSStart LabEnd Lab2:47InstructionsGradesActions

FilesREADMETerminalSource

```
ddd_v1_w_fVn_1399433@runweb65984:~$
ddd_v1_w_fVn_1399433@runweb65984:~$

Submission Report:

[Executed at: Thu Nov 3 21:57:31 PDT 2022]

Testing report - The lab-network stack was successfully created.
Testing report -The lab-application stack was successfully created.
Testing report - The lab_application stack was successfully updated.
Testing report - PROBLEM: The lab_application stack was not deleted.

gradeFile = /mnt/data2/students/sub1/ccc_v1_g_11ed7_28593/asn1151779_13/asn1
reportFile = /mnt/data2/students/sub1/ccc_v1_g_11ed7_28593/asn1151779_13/asn1
/mnt/data2/students/sub1/ccc_v1_g_11ed7_28593/asn1151779_13/asn1151781_1/tmp
len 4
Present working directory = /mnt/data2/students/sub1/ccc_v1_g_11ed7_28593/as

Default region: us-east-1
Back in submit.sh...
end

ddd_v1_w_fVn_1399433@runweb65984:~$
```

Total score20/20

[Task 1] Deploy Networking Stack5/5

[Task 2] Deploy Application Stack5/5

[Task 3] Update Application Stack5/5

[Task 5] Delete Application Stack5/5

Note: passing lab for module 10.

Figure 4

CloudFormation > Stacks

Stacks (2)

View nestedActive

	Stack name	Status	Created time	Description
<input type="radio"/>	aws-cloud9-Cloud9Instance-854b473d0f24438dbc7c98a4175eb539	CREATE_COMPLETE	2022-11-04 01:03:15 UTC-0400	-
<input type="radio"/>	c62259a115178313033685t1w635252428263	CREATE_COMPLETE	2022-11-04 01:02:28 UTC-0400	template to start the CloudFormation

Note: Stack being created in lab 10.

Lesson learnt



This lab shows how to deploy multiple layers of infrastructure with CloudFormation, update a stack and delete a stack (while retaining some resources). Now I know how to conduct all different operations on a stack.

Figure 5

Challenge lab10


createbucket-s3bucket-m7g37ohh71m.s3-website-us-east-1.amazonaws.com


Café



The Café offers an assortment of delicious and delectable pastries and coffees that will put a smile on your face. From cookies to croissants, tarts and cakes, each treat is specially prepared to excite your tastebuds and brighten your day!


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Tea
Coffee
Latte
Hot
Chocolate
Yes, we
have it!

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Frank and Martha have been adding sweetness to their customers's lives since 2016. Both of them will personally greet you with a welcoming smile when you visit! Frank's recipes have been passed down from his mother and use simple and fresh ingredients to produce delightful flavors.

Note: Finished static web hosting in lab10

Figure 6

Finish Challenge Lab 10

SubmitDetailsAWSStart LabEnd Lab2:36InstructionsGradesActions

Files☐README☒Terminal☒Source☒

1 Choose a file to load from the Files menu on the left

503 Service Unavailable

No server is available to handle this request.

Your grade might change as the grading job for your last submission is not yet complete.

Your assignment has not been graded yet.

Total score -/30

[Answer 01]

[Answer 02]

[Answer 03]

[Answer 04]

[Answer 05]

[Answer 06]

[Task 1] S3 stack

[Task 2] S3 website

[Task 4A] Network pipeline

[Task 4B] VPC

[Task 6A] App pipeline

[Task 6B] R1 EC2

[Task 6C] Region 1 app

[Task 7] R2 instance

Next

Note: Something wrong with the grading service, can't get a grade after several attempt to submit.

Lesson learnt

In this lab, I have gained experience with creating AWS CloudFormation templates. I used the templates to create and update AWS CloudFormation stacks. The stacks create and manage updates to resources in multiple AWS service areas in your AWS account. I have used AWS CodeCommit to control the version of your templates.