

Question 1:

What is the maximum number of stack instances you can create per stack set?

- ☐ 64
- ☐ 1026
- ☐ 2000
- ☒ (Correct)
- ☐ 200

Explanation

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cloudformation-limits.html>

Question 2:

What is the maximum number of AWS CloudFormation stacks that you can create?

- ☐ 1026
- ☐ 50
- ☐ 255
- ☐ 200
- ☒ (Correct)

Explanation

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cloudformati-on-limits.html>

Question 3:

What are supported file extensions for CloudFormation Templates? (select 4)

- ☐ .json
(Correct)
- ☐ .xml
- ☐ .txt
(Correct)
- ☐ .yaml
(Correct)
- ☐ .template
(Correct)

Explanation

An AWS CloudFormation template is a JSON or YAML formatted text file. You can save these files with any extension, such as .json, .yaml, .template, or .txt.

Question 4:

AWS CloudFormation does not monitor rollback triggers when

- ☐ During stack update using change sets
- ☐ When it rolls back a stack during an update operation

(Correct)

- ☐

When it rolls back a stack during an create operation

- ☐

During stack creation using change sets

Explanation

AWS CloudFormation does not monitor rollback triggers when it rolls back a stack during an update operation.

Question 5:

AWS CloudFormation can use the S3 bucket that it creates or manually created by users with proper permissions

- ☐

FALSE

- ☐

TRUE

(Correct)

Explanation

If you upload a local template file, AWS CloudFormation uploads it to an Amazon Simple Storage Service (Amazon S3) bucket in your AWS account. If you don't already have an S3 bucket that was created by AWS CloudFormation, it creates a unique bucket for each Region in which you upload a template file. If you already have an S3 bucket that was created by AWS CloudFormation in your AWS account, AWS CloudFormation adds the template to that bucket.

Question 6:

AWS CloudFormation creates the S3 buckets for the templates with server-side encryption enabled

- ☐

TRUE

(Correct)

- ☐

FALSE

Explanation

AWS CloudFormation creates the buckets with server-side encryption enabled by default, thereby encrypting all objects stored in the bucket.

Question 7:

During stack creation using the change set, if the status of the change set is CREATE_COMPLETE, then what is the execution status and stack status?

- ☐ **CREATE_COMPLETE AND UNAVAILABLE**
- ☐ **AVAILABLE AND REVIEW_IN_PROGRESS**
(Correct)
- ☐ **REVIEW_IN_PROGRESS AND UNAVAILABLE**
- ☐ **UNAVAILABLE and CREATE_IN_PROGRESS**

Explanation

CloudFormation displays the Change sets page for the proposed stack. While AWS CloudFormation creates the change set, its status is CREATE_IN_PROGRESS, and its execution status is UNAVAILABLE. When AWS CloudFormation completes successfully creating the change set, it sets the change set status to CREATE_COMPLETE, and its execution status is AVAILABLE. The stack status is updated to REVIEW_IN_PROGRESS. At this point, you can execute the change set to complete creating the new stack.

Question 8:

What is the maximum number of parameters that you can declare in your AWS CloudFormation template?

- ☐ **50**
- ☐ **200**

• ☐

255

• ☐

60

(Correct)

Explanation

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cloudformati-on-limits.html>

Question 9:

How can you preview the configuration of a new stack?

• ☐

Can use change sets

(Correct)

• ☐

Can use stack instances

• ☐

Stack template can be used as a preview

• ☐

Cannot preview for a new stack

Explanation

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cfn-console-create-stack.html>

Question 10:

If the monitoring time is set to default (0 minutes) , does AWS CloudFormation monitors the rollback triggers?

• ☐

YES

(Correct)

☐

NO

Explanation

If you set a monitoring time of 0 minutes, AWS CloudFormation still monitors the rollback triggers during stack creation and update operations and rolls back the operation if an alarm goes to ALARM state. Then, for update operations with no breaching alarms, it begins disposing of old resources immediately once the operation completes.

Question 11:

What is the maximum amount of data that cfn-signal can pass?

☐

unlimited

☐

256 bytes

☐

1024 bytes

☐

4096 bytes

(Correct)

Explanation

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cloudformati-on-limits.html> Tuning: To pass a larger amount, send the data to an Amazon S3 bucket, and then use cfn-signal to pass the Amazon S3 URL to that bucket.

Question 12:

For how many days the deleted stacks are retained and can be viewed?

☐

95

☐

85

- ☐

120

- ☐

90

(Correct)

Explanation

DELETE_COMPLETE: Successful deletion of one or more stacks. Deleted stacks are retained and viewable for 90 days.

Question 13:

If the stack is in "REVIEW_IN_PROGRESS" , will this is be counted towards maximum possible number of stacks?

- ☐

FALSE

- ☐

TRUE

(Correct)

Explanation

REVIEW_IN_PROGRESS: A stack with this status code counts against the maximum possible number of stacks.

Question 14:

What does CloudFormation Provides?

- ☐

To model and provision AWS application resources in your cloud environment

- ☐

To model and provision AWS and third party application resources in your cloud environment

(Correct)

- ☐

To model and provision AWS application resources in on-premises environment

- ☐

To model and provision third party application resources in on-premises environment

Explanation

AWS CloudFormation provides a common language for you to model and provision AWS and third party application resources in your cloud environment.

<https://aws.amazon.com/cloudformation/>

Question 15:

How to prevent the parameter values from being returned?

- ☐

Set Show property to Disable

- ☐

Set Show property to Hide

- ☐

set NoEcho property to True

(Correct)

- ☐

set NoEcho property to False

Explanation

To prevent sensitive parameter values such as passwords from being returned, include a NoEcho property set to TRUE in your AWS CloudFormation template

Question 16:

What is the maximum number of resources that you can declare in your AWS CloudFormation template?

- ☐

255

- ☐

200

(Correct)

• ☐

50

• ☐

60

Explanation

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cloudformation-limits.html>

Question 17:

What are the update behaviours are used by AWS CloudFormation for updating resources? (select 3)

• ☐

Replacement with no interruption

• ☐

Updates with Some Interruption

(Correct)

• ☐

Replacement

(Correct)

• ☐

Replacement with Some Interruption

• ☐

Update with No Interruption

(Correct)

Explanation

Update Behaviors of Stack Resources

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/using-cfn-updating-stacks-update-behaviors.html>

Question 18:

CloudFormation determines the drift for property values that are (select 2)

- ☐ Explicitly set and default values
- ☐ Default values
- ☐ Default values that are explicitly set
(Correct)
- ☐ Explicitly set
(Correct)

Explanation

CloudFormation only determines drift for property values that are explicitly set, either through the stack template or by specifying template parameters. This does not include default values for resource properties. To have CloudFormation track a resource property for purposes of determining drift, explicitly set the property value, even if you are setting it to the default value.

Question 19:

What is the maximum number of outputs that you can declare in your AWS CloudFormation template?

- ☒ 60
(Correct)
- ☐ 200

- ☐ 255
- ☐ 50

Explanation

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cloudformati-on-limits.html>

Question 20:

What are the maximum number of mappings and mapping attributes in each mapping allowed?

- ☐ 100 mappings and 100 attributes
- ☒ 100 mapping and 64 attributes
(Correct)
- ☐ 64 mappings and 100 attributes
- ☐ 255 mappings and 100 attributes

Explanation

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cloudformati-on-limits.html>

Tuning: To pass a larger amount, send the data to an Amazon S3 bucket, and then use cfn-signal to pass the Amazon S3 URL to that bucket.

Question 21:

What are the options that are available during stack creation but during stack update? (select 3)

- ☒ Rollback on failure
(Correct)

- ☐

Timeout

(Correct)

- ☐

Notification options

- ☐

Termination protection

(Correct)

Explanation

Stack creation options: The following options are included for stack creation, but are not available as part of stack updates. 1) Rollback on failure 2) Timeout 3)

Termination protection

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cfn-console-add-tags.html>

Question 22:

What are the allowed types for rollback triggers?

- ☐

AWS::CloudFormation::Alarm

- ☐

AWS::CloudWatch::Trigger

- ☐

AWS::CloudFormation::Trigger

- ☐

AWS::CloudWatch::Alarm

(Correct)

Explanation

Currently, only AWS::CloudWatch::Alarm types can be used as rollback triggers.

Question 23:

CloudFormation is a paid service. You will be charged for the CloudFormation Service as well as the resources that are included in the stack.

- ☒

TRUE

- ☐

FALSE

(Correct)

Explanation

AWS CloudFormation is a free service; however, you are charged for the AWS resources you include in your stacks at the current rates for each. Check: (Pricing Section) <https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cfn-sign-up-for-aws.html>

Question 24:

How many rollback triggers are allowed?

- ☒

5

(Correct)

- ☐

3

- ☐

4

- ☐

2

Explanation

You can add a maximum of five rollback triggers.

Question 25:

Stack name must be

- ☐

Alpha only characters with 128 characters and no special characters

- ☐

Alpha-numeric with 128 characters and can contain hyphen

(Correct)

- ☐

Can start with a number with 128 alpha-numeric characters

- ☐

Alpha-numeric with 128 characters and can contain colon characters

- ☐

Alpha-numeric with 128 characters and can contain dots

Explanation

The stack name is an identifier that helps you find a particular stack from a list of stacks. A stack name can contain only alphanumeric characters (case-sensitive) and hyphens. It must start with an alphabetic character and can't be longer than 128 characters.

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cfn-using-console-create-stack-parameters.html>