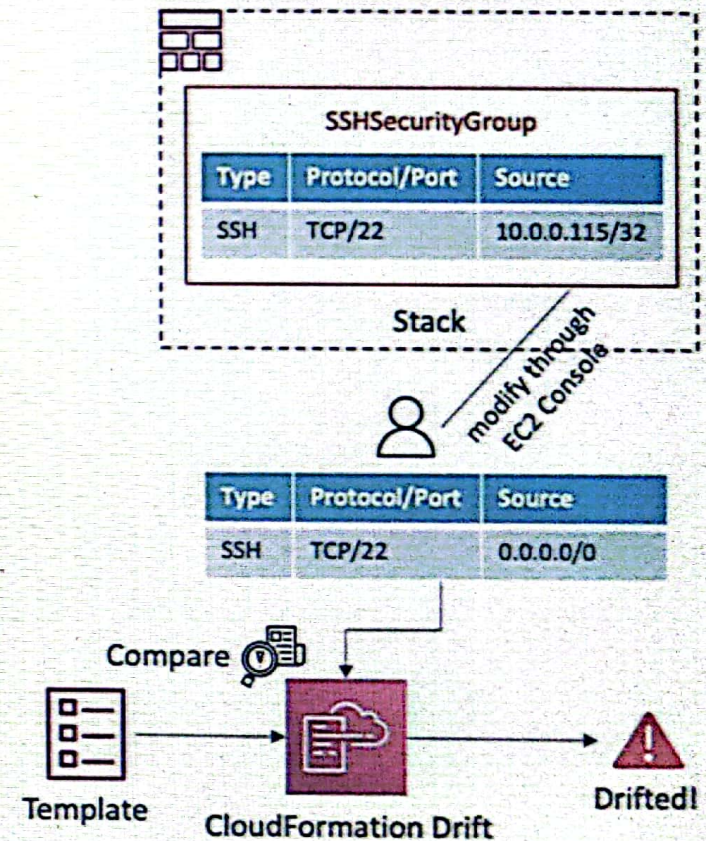


CloudFormation Drift Overview

- CloudFormation allows you to create infrastructure
- But it doesn't protect you against manual configuration changes
- How do we know if our resources have drifted?
- We can use CloudFormation Drift!
- Detect drift on an entire stack or on individual resources within a stack
- We can resolve stack/resource drift by using Resource Import (discussed later)
- Not all resources are supported yet

<https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/resource-import-supported-resources.html>





Drift detection initiated for arn:aws:cloudformation:us-east-1:381506274652:stack/DriftTests-01/99284eb0-0e33-11ed-839d-121ce14ebb21

CloudFormation > Stacks > DriftTests-01

Stacks (1)



Filter by stack name

Active



View nested



1



DriftTests-01

2022-07-28 15:10:29 UTC+1000

CREATE_COMPLETE



DriftTests-01

Delete

Update

Stack actions

Stack info

Events

Resources

Outputs

Parameters

Edit termination protection

View drift results

Detect drift



Create change set for current stack

Import resources into stack

Cancel update stack

Continue update rollback

View in Application Manager

Resources (2)

Search resources

Logical ID



Physical ID



Type



Status

HTTPSecurityGroup

sg-0bb4c8ec3b0f2cd58



AWS::EC2::SecurityGroup

CREATE_COMPLETE

SSHSecurityGroup

sg-09d91e9fa9c53fe92



AWS::EC2::SecurityGroup

CREATE_COMPLETE



CloudFormation > Stacks > DriftTests-01 > Drifts

Drifts



Detect stack drift

Stack drift status

Drift detection enables you to detect whether a stack's actual configuration differs, or has drifted, from its template configuration. [Learn more](#)

Drift status

DRIFTED

Last drift check time

2022-07-28 15:13:27 UTC+1000

Only resources which currently support drift detection are displayed here. To view all of your stack resources, see your stack details page. [Learn more](#)

Resource drift status (2)

[View drift details](#)

[Detect drift for resource](#)

Search resources

< 1 >

	Logical ID ▲	Physical ID ▼	Type ▼	Drift status ▼	Timestamp ▼	Module ▼
<input type="radio"/>	HTTPSecurityGroup	sg-0bb4c8ec3b0f2cd58 Link	AWS::EC2::Security Group	MODIFIED	2022-07-28 15:13:28 UTC+1000	-
<input type="radio"/>	SSHSecurityGroup	sg-09d91e9fa9c53fe92 Link	AWS::EC2::Security Group	DELETED	2022-07-28 15:13:29 UTC+1000	-