

KICS REPORT

v2.1.3

CRITICAL	0	HIGH	6	MEDIUM	9	LOW	6	INFO	33	TOTAL	54
PLATFORMS	Terraform										
START TIME	13:48:20, Dec 12 2024										
END TIME	13:48:34, Dec 12 2024										
SCANNED PATHS:	- /path										

!

DynamoDB Table Not Encrypted

Results

1

Severity

HIGH

Platform

Terraform

Cwe

311

Category

Encryption

Description

AWS DynamoDB Tables should have server-side encryption

../../../../path/remote-backend/main.tf:11

Expected: aws\_dynamodb\_table.server\_side\_encryption.enabled should be set to true

!

S3 Bucket Allows Public Policy

Results

1

Severity

HIGH

Platform

Terraform

Cwe

284

Category

Access Control

Description

S3 bucket allows public policy

../../../../path/main.tf:15

Expected: 'block\_public\_policy' should equal 'true'

!

Sensitive Port Is Exposed To Entire Network

Results

2

Severity

HIGH

Platform

Terraform

Cwe

200

Category

Networking and Firewall

Description

A sensitive port, such as port 23 or port 110, is open for the whole network in either TCP or UDP protocol

../../../../path/security-groups/main.tf:3

Expected: SSH (TCP:22) should not be allowed

../../../../path/security-groups/main.tf:3

Expected: HTTPS (TCP:443) should not be allowed

!

Unrestricted Security Group Ingress

Results

2

Severity

HIGH

Platform

Terraform

Cwe

668

Category

Networking and Firewall

Description

Security groups allow ingress from 0.0.0.0:0 and/or :::0

https://kics.io

KICS REPORT

v2.1.3

../../../../path/security-groups/main.tf:7  
Expected: One of 'ingress.cidr\_blocks' not equal '0.0.0.0/0'

../../../../path/security-groups/main.tf:13  
Expected: One of 'ingress.cidr\_blocks' not equal '0.0.0.0/0'

	EC2 Instance Has Public IP	Results	1
Severity	MEDIUM		
Platform	Terraform		
Cwe	200		
Category	Networking and Firewall		

**Description**  
EC2 Instance should not have a public IP address.

../../../../path/ec2/main.tf:1  
Expected: 'associate\_public\_ip\_address' should be defined and not null

	EC2 Instance Monitoring Disabled	Results	1
Severity	MEDIUM		
Platform	Terraform		
Cwe	778		
Category	Observability		

**Description**  
EC2 Instance should have detailed monitoring enabled. With detailed monitoring enabled data is available in 1-minute periods

../../../../path/ec2/main.tf:1  
Expected: 'monitoring' should be defined and not null

	S3 Bucket Allows Public ACL	Results	1
Severity	MEDIUM		
Platform	Terraform		
Cwe	284		
Category	Access Control		

**Description**  
S3 bucket allows public ACL

../../../../path/main.tf:15  
Expected: 'block\_public\_acls' should equal 'true'

	S3 Bucket Logging Disabled	Results	2
Severity	MEDIUM		
Platform	Terraform		
Cwe	778		
Category	Observability		

**Description**  
Server Access Logging should be enabled on S3 Buckets so that all changes are logged and trackable

../../../../path/remote-backend/main.tf:1  
Expected: 'logging' should be defined and not null

../../../../path/main.tf:15

Expected: 'logging' should be defined and not null

## ❗ S3 Bucket Without Ignore Public ACL Results 1

Severity MEDIUM  
Platform Terraform  
Cwe 284  
Category Insecure Configurations

### Description

S3 bucket without ignore public ACL

../../../../path/main.tf:15

Expected: 'ignore\_public\_acls' should equal 'true'

## ❗ S3 Bucket Without Restriction Of Public Bucket Results 1

Severity MEDIUM  
Platform Terraform  
Cwe 284  
Category Insecure Configurations

### Description

S3 bucket without restriction of public bucket

../../../../path/main.tf:15

Expected: 'restrict\_public\_buckets' should equal 'true'

## ❗ S3 Bucket Without Versioning Results 1

Severity MEDIUM  
Platform Terraform  
Cwe 710  
Category Backup

### Description

S3 bucket should have versioning enabled

../../../../path/main.tf:15

Expected: 'versioning' should be true

## ❗ Security Group With Unrestricted Access To SSH Results 1

Severity MEDIUM  
Platform Terraform  
Cwe 732  
Category Networking and Firewall

### Description

'SSH' (TCP:22) should not be public in AWS Security Group

../../../../path/security-groups/main.tf:7

Expected: aws\_security\_group[ec2\_secgroup] 'SSH' (Port:22) should not be public

## ❗ IAM Access Analyzer Not Enabled Results 5

Severity LOW  
Platform Terraform  
Cwe 710

Category Best Practices

### Description

IAM Access Analyzer should be enabled and configured to continuously monitor resource permissions

../../../../path/remote-backend/main.tf:1

Expected: 'aws\_accessanalyzer\_analyzer' should be set

../../../../path/ec2/main.tf:1

Expected: 'aws\_accessanalyzer\_analyzer' should be set

../../../../path/ssh-key/main.tf:1

Expected: 'aws\_accessanalyzer\_analyzer' should be set

../../../../path/security-groups/main.tf:1

Expected: 'aws\_accessanalyzer\_analyzer' should be set

../../../../path/partial-config/main.tf:1

Expected: 'aws\_accessanalyzer\_analyzer' should be set



### S3 Bucket Without Enabled MFA Delete

Results

1

Severity LOW

Platform Terraform

Cwe 710

Category Insecure Configurations

### Description

S3 bucket without MFA Delete Enabled. MFA delete cannot be enabled through Terraform, it can be done by adding a MFA device ([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_credentials\\_mfa\\_enable.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_mfa_enable.html)) and enabling versioning and MFA delete by using AWS CLI: 'aws s3api put-bucket-versioning --versioning-configuration=Status=Enabled,MFADelete=Enabled --bucket=<BUCKET\_NAME> --mfa=<MFA\_SERIAL\_NUMBER>'. Please, also notice that MFA delete can not be used with lifecycle configurations

../../../../path/remote-backend/main.tf:24

Expected: 'versioning\_configuration.mfa\_delete' should be defined and not null



### DynamoDB Table Point In Time Recovery Disabled

Results

1

Severity INFO

Platform Terraform

Cwe 754

Category Best Practices

### Description

It's considered a best practice to have point in time recovery enabled for DynamoDB Table

../../../../path/remote-backend/main.tf:11

Expected: aws\_dynamodb\_table.point\_in\_time\_recovery.enabled should be enabled



### Name Is Not Snake Case

Results

4

Severity INFO

Platform Terraform

Cwe 710

Category Best Practices

### Description

All names should follow snake case pattern.

../../../../path/main.tf:21

Expected: All names should be on snake case pattern

<https://kics.io>

KICS REPORT

v2.1.3

../../path/main.tf:11  
Expected: All names should be on snake case pattern

../../path/main.tf:28  
Expected: All names should be on snake case pattern

../../path/main.tf:15  
Expected: All names should be on snake case pattern

	Output Without Description	Results	6
Severity	INFO		
Platform	Terraform		
Cwe	710		
Category	Best Practices		

**Description**  
All outputs should contain a valid description.

../../path/remote-backend/output.tf:1  
Expected: 'description' should be defined and not null

../../path/output.tf:6  
Expected: 'description' should be defined and not null

../../path/ssh-key/output.tf:1  
Expected: 'description' should be defined and not null

../../path/output.tf:10  
Expected: 'description' should be defined and not null

../../path/remote-backend/output.tf:5  
Expected: 'description' should be defined and not null

../../path/security-groups/output.tf:1  
Expected: 'description' should be defined and not null

	Resource Not Using Tags	Results	5
Severity	INFO		
Platform	Terraform		
Cwe	665		
Category	Best Practices		

**Description**  
AWS services resource tags are an essential part of managing components. As a best practice, the field 'tags' should have additional tags defined other than 'Name'

../../path/ec2/main.tf:7  
Expected: aws\_instance[{{ec2\_instances}}].tags has additional tags defined other than 'Name'

../../path/remote-backend/main.tf:1  
Expected: aws\_s3\_bucket[{{s3\_state}}].tags should be defined and not null

../../path/security-groups/main.tf:1  
Expected: aws\_security\_group[{{ec2\_secgroup}}].tags should be defined and not null

../../path/ssh-key/main.tf:11  
Expected: aws\_key\_pair[{{sshkey}}].tags should be defined and not null

../../path/remote-backend/main.tf:11  
Expected: aws\_dynamodb\_table[{{s3\_locks}}].tags should be defined and not null

**Security Group Not Used**

Results

1

Severity INFO  
Platform Terraform  
Cwe 284  
Category Access Control

**Description**

Security group must be used or not declared

../../../../path/security-groups/main.tf:1

Expected: 'aws\_security\_group[ec2\_secgroup]' should be used

**Security Group Rule Without Description**

Results

1

Severity INFO  
Platform Terraform  
Cwe 710  
Category Best Practices

**Description**

It's considered a best practice for AWS Security Group to have a description

../../../../path/security-groups/main.tf:1

Expected: aws\_security\_group[{{ec2\_secgroup}}] description should be defined and not null

**Security Group Rule Without Description**

Results

3

Severity INFO  
Platform Terraform  
Cwe 710  
Category Best Practices

**Description**

It's considered a best practice for all rules in AWS Security Group to have a description

../../../../path/security-groups/main.tf:9

Expected: aws\_security\_group[{{ec2\_secgroup}}].ingress description should be defined and not null

../../../../path/security-groups/main.tf:3

Expected: aws\_security\_group[{{ec2\_secgroup}}].ingress description should be defined and not null

../../../../path/security-groups/main.tf:15

Expected: aws\_security\_group[{{ec2\_secgroup}}].egress description should be defined and not null

**Variable Without Description**

Results

8

Severity INFO  
Platform Terraform  
Cwe 710  
Category Best Practices

**Description**

All variables should contain a valid description.

../../../../path/security-groups/variables.tf:1

Expected: 'description' should be defined and not null

../../../../path/remote-backend/variables.tf:6

KICS REPORT

v2.1.3

Expected: 'description' should be defined and not null

../../../../path/partial-config/variables.tf:11

Expected: 'description' should be defined and not null

../../../../path/remote-backend/variables.tf:1

Expected: 'description' should be defined and not null

../../../../path/partial-config/variables.tf:1

Expected: 'description' should be defined and not null

../../../../path/security-groups/variables.tf:5

Expected: 'description' should be defined and not null

../../../../path/ec2/variables.tf:19

Expected: 'description' should be defined and not null

../../../../path/partial-config/variables.tf:6

Expected: 'description' should be defined and not null

 Variable Without Type		Results	4
Severity	INFO		
Platform	Terraform		
Cwe	710		
Category	Best Practices		

Description

All variables should contain a valid type.

../../../../path/security-groups/variables.tf:5

Expected: 'type' should be defined and not null

../../../../path/ec2/variables.tf:19

Expected: 'type' should be defined and not null

../../../../path/variables.tf:1

Expected: 'type' should be defined and not null

../../../../path/security-groups/variables.tf:1

Expected: 'type' should be defined and not null