




 Secrets


 ABAP


 Apex


 C


 C++


 CloudFormation


 COBOL


 C#


 CSS


 Flex


 Go


 HTML


 Java


 JavaScript


 Kotlin


 Objective C


 PHP


 PL/I


 PL/SQL


 Python


 RPG


 Ruby


 Scala


 Swift


 **Terraform**


 Text


 TypeScript

 T-SQL

 VB.NET

 VB6


 XML





Terraform static code analysis

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your TERRAFORM code


All rules 50


 Vulnerability 5

 Security Hotspot 43


 Code Smell 2


Tags ▾

Search by name... 


 Security Hotspot


Using unencrypted EFS file systems is security-sensitive




 Security Hotspot


Using unencrypted SQS queues is security-sensitive




 Security Hotspot


Using unencrypted SNS topics is security-sensitive




 Security Hotspot


Using unencrypted SageMaker notebook instances is security-sensitive




 Security Hotspot


Using unencrypted Elasticsearch domains is security-sensitive




 Security Hotspot


Using unencrypted RDS databases is security-sensitive




 Security Hotspot


Using unencrypted EBS volumes is security-sensitive




 Security Hotspot


Disabling logging is security-sensitive




 Vulnerability


Administration services access should be restricted to specific IP addresses



 Security Hotspot




Unversioned Google Cloud Storage buckets are security-sensitive



 Security Hotspot

Disabling S3 bucket MFA delete is security-sensitive

Using unencrypted cloud storages is security-sensitive

 Security Hotspot  Major  cwe owasp azure

Using unencrypted cloud storages can lead to data exposure. In the case that adversaries gain physical access to the storage medium they are able to access unencrypted information.

Ask Yourself Whether

- The service contains sensitive information that could cause harm when leaked.
- There are compliance requirements for the service to store data encrypted.

There is a risk if you answered yes to any of those questions.

Recommended Secure Coding Practices

It's recommended to encrypt cloud storages that contain sensitive information.

Sensitive Code Example

For [azurerm_data_lake_store](#):

```
resource "azurerm_data_lake_store" "store" {
  name           = "store"
  encryption_state = "Disabled" # Sensitive
}
```

Compliant Solution

For [azurerm_data_lake_store](#):






```
resource "azurerm_data_lake_store" "store" {
  name           = "store"
  encryption_state = "Enabled"
  encryption_type  = "ServiceManaged"
}
```

See

- [OWASP Top 10 2021 Category A2](#) - Cryptographic Failures
- [OWASP Top 10 2021 Category A4](#) - Insecure Design
- [OWASP Top 10 2021 Category A5](#) - Security Misconfiguration
- [Data encryption in Amazon EFS](#)
- [OWASP Top 10 2017 Category A3](#) - Sensitive Data Exposure
- [OWASP Top 10 2017 Category A6](#) - Security Misconfiguration
- [MITRE, CWE-311](#) - Missing Encryption of Sensitive Data

https://rules.sonarsource.com/terraform/RSPEC-6388

1/2

 Security Hotspot
Disabling versioning of S3 buckets is security-sensitive  Security Hotspot
Disabling server-side encryption of S3 buckets is security-sensitive  Security Hotspot
AWS tag keys should comply with a naming convention  Code Smell
Terraform parsing failure  Code Smell

Available In:

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