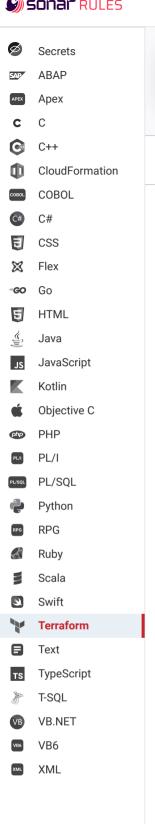
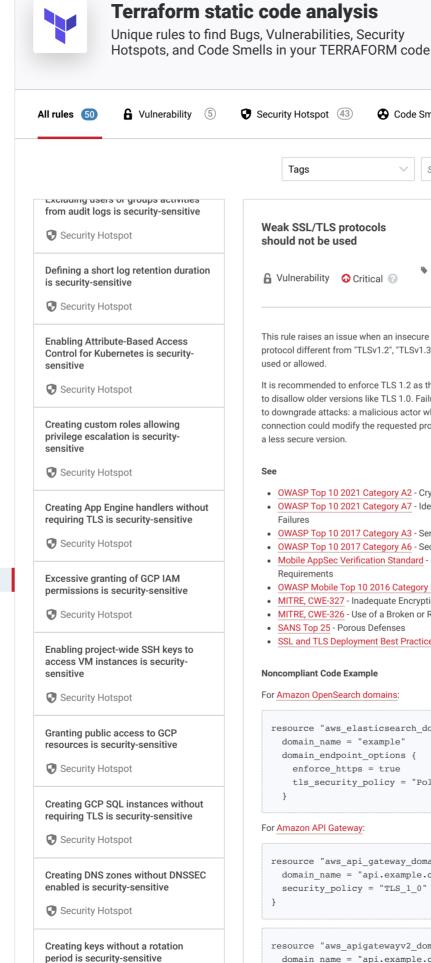
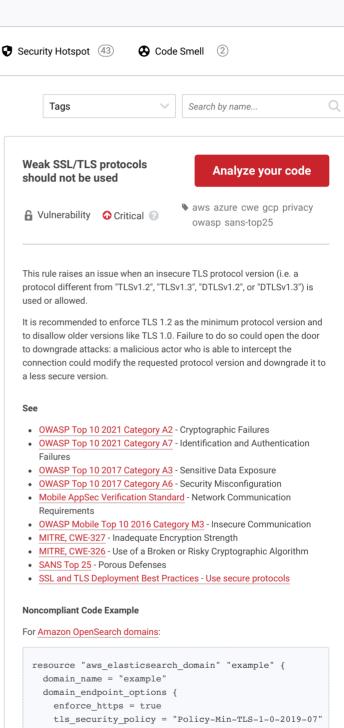


Products ∨







resource "aws\_api\_gateway\_domain\_name" "example" {

resource "aws\_apigatewayv2\_domain\_name" "example" {

security\_policy = "TLS\_1\_0" # Noncompliant

domain\_name = "api.example.com"

domain\_name = "api.example.com"

For Amazon API Gateway:

Security Hotspot

Granting highly privileged GCP resource rights is security-sensitive

Security Hotspot

Using unencrypted cloud storages is security-sensitive

Security Hotspot

Azure role assignments that grant access to all resources of a subscription are security-sensitive

Security Hotspot

Disabling Role-Based Access Control on Azure resources is securitysensitive

Security Hotspot

```
domain_name_configuration {} # Noncompliant
}
```

#### For Google Cloud load balancers

#### **Compliant Solution**

For Amazon OpenSearch domains:

```
resource "aws_elasticsearch_domain" "example" {
  domain_name = "example"
  domain_endpoint_options {
    enforce_https = true
    tls_security_policy = "Policy-Min-TLS-1-2-2019-07"
```

# For Amazon API Gateway:

```
resource "aws_api_gateway_domain_name" "example" {
  domain_name = "api.example.com"
  security_policy = "TLS_1_2"
}
```

```
resource "aws_apigatewayv2_domain_name" "example" {
  domain_name = "api.example.com"
  domain_name_configuration {
    security_policy = "TLS_1_2"
  }
}
```

## For Google Cloud load balancers

### See

- OWASP Top 10 2021 Category A2 Cryptographic Failures
- <u>OWASP Top 10 2021 Category A7</u> Identification and Authentication Failures
- OWASP Top 10 2017 Category A3 Sensitive Data Exposure
- OWASP Top 10 2017 Category A6 Security Misconfiguration
- Mobile AppSec Verification Standard Network Communication Requirements
- OWASP Mobile Top 10 2016 Category M3 Insecure Communication
- MITRE, CWE-327 Inadequate Encryption Strength
- MITRE, CWE-326 Use of a Broken or Risky Cryptographic Algorithm
- SANS Top 25 Porous Defenses
- SSL and TLS Deployment Best Practices Use secure protocols
- Amazon API Gateway Choosing a minimum TLS version
- Google Cloud Load Balancing Defining an SSL policy

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