

DataGuardian Pro

GDPR Compliance Scan Report

Generated on: May 01, 2025 21:32

Scan ID: SOC-20250501-ed56d5

Executive Summary

This report presents the findings of a SOC2 compliance analysis conducted on <https://github.com/vishaal314/terrascan> (branch: **master**) on **2025-05-01 21:32:36**. The scan identified a total of **161** compliance issues with **129** high-risk items. The overall compliance score is **99/100**. **Technologies Detected:** kubernetes, cloudformation, pulumi, docker, terraform, ansible, javascript Each finding in this report is mapped to specific SOC2 Trust Services Criteria (TSC) to help you understand how it impacts your compliance posture. The TSC categories include: • CC: Common Criteria (Security) • A: Availability • PI: Processing Integrity • C: Confidentiality • P: Privacy

Scan Type	soc2
Repository URL	https://github.com/vishaal314/terrascan
Branch	master
Date & Time	2025-05-01 21:32:36
Technologies	kubernetes, cloudformation, pulumi, docker, terraform, ansible, javascript
Compliance Score	99/100
IaC Files Found	1662
Total Files Scanned	2202
High Risk Issues	129
Medium Risk Issues	32
Low Risk Issues	0
Security Issues	146
Availability Issues	10
Confidentiality Issues	5

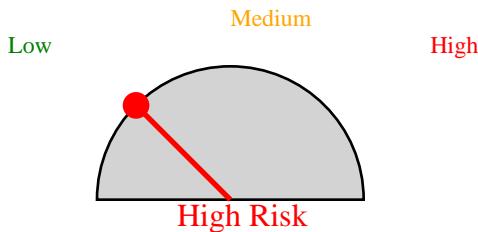
Risk Assessment



GDPR Compliance Protection

High risk of potential GDPR fines - immediate action required

Potential fines up to €20 million or 4% of global revenue



This scan has identified a high number of high-risk PII items. Immediate action is recommended to ensure GDPR compliance and protect sensitive data.

Data Sustainability Compliance

Data sustainability measures how efficiently your organization manages personal data in compliance with GDPR principles of data minimization, storage limitation, and purpose limitation. A higher score indicates better long-term data governance practices.



Measures resource optimization, code efficiency, and energy consumption

Detailed Findings

File	Line	Description	Risk	Category	SOC2 TSC
deploy/helm/templates/32_main.tf	Container not running as non-root user	Container not running as non-root user	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/cli/testdata/run-test/1/main.tf	AWS provider without version constraint	AWS provider without version constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/cli/testdata/run-test/1/test_provider.go	Container allowed to escalate privileges	Container allowed to escalate privileges	HIGH	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/cli/testdata/run-test/1/test_provider.go	Container allowed to escalate privileges	Container allowed to escalate privileges	HIGH	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/cli/testdata/run-test/14/web.tf	Security group with unrestricted ingress	Security group with unrestricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/cli/testdata/run-test/20/web.tf	Security group with unrestricted ingress	Security group with unrestricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/downloader/module/57_download.go	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/file-scan/107.go	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/file-scan/205.go	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/start.go/65	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/start.go/96	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/webhook/21-scan.go	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/webhook/28-scan.go	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/webhook/41-scan.go	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/webhook/24-scan.go	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/assets/6/bootstrap.go	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/http-server/testdata/1/testconfig.go	AWS provider without version constraint	AWS provider without version constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/http-server/testdata/50/testconfig.go	Security group with unrestricted ingress	Security group with unrestricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/http-server/testdata/58/testconfig.go	Security group with unrestricted ingress	Security group with unrestricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/iac-providers/cft/v12/testdata/11_impostor/8/deploy_impostor.go	Impostor via deployment access	Impostor via deployment access	HIGH	Security	CC6.1, CC6.3
pkg/iac-providers/cft/v17/testdata/38_impostor/8/deploy_impostor.go	Impostor via deployment access	Impostor via deployment access	HIGH	Confidentiality	C1.1
pkg/iac-providers/cft/v12/testdata/11_impostor/8/deploy_impostor.go	Impostor via deployment access	Impostor via deployment access	HIGH	Security	CC6.1, CC6.3
pkg/iac-providers/cft/v17/testdata/38_impostor/8/deploy_impostor.go	Impostor via deployment access	Impostor via deployment access	HIGH	Confidentiality	C1.1
pkg/iac-providers/dock40v1/parts/10/testdata/15/deploy_impostor.go	Hard-coded credentials or secrets	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/iac-providers/kubef16/testset/v1/testdata/10/test_impostor.go	Test using k8s test imposta	Test using k8s test imposta	HIGH	Security	CC6.1, CC6.8
pkg/iac-providers/kubef16/testset/v1/testdata/10/test_impostor.go	Test using k8s test imposta	Test using k8s test imposta	HIGH	Security	CC6.1, CC6.8
pkg/iac-providers/kubef15/testset/v1/testdata/15/test_impostor.go	Test data/altered data test imposta	Test data/altered data test imposta	HIGH	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/kubef15/testset/v1/testdata/15/test_impostor.go	Test data/altered data test imposta	Test data/altered data test imposta	HIGH	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/kubef15/testset/v1/testdata/15/test_impostor.go	Test data/altered data test imposta	Test data/altered data test imposta	HIGH	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1

pkg/iac-providers/terraform/v1	19	2 Best practice for configuring restricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/iac-providers/terraform/v1	55	2 Best practice for configuring restricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/iac-providers/terraform/v1	59	2 Avoid delay in both unrestricted ingress	HIGH	Security	CC6.1, CC6.3
pkg/iac-providers/terraform/v1	44	4 AWS Sptaplatform module constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	44	4 AWS Sptaplatform module less than constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	44	4 AWS Sptaplatform module less than or equal constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	44	4 AWS Sptaplatform module less than or equal to constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	43	3 Best practice for configuring restricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/iac-providers/terraform/v1	44	4 AWS Sptaplatform module constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	19	4 Best practice for configuring restricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/iac-providers/terraform/v1	55	4 Best practice for configuring restricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/iac-providers/terraform/v1	59	4 Avoid delay in both unrestricted ingress	HIGH	Security	CC6.1, CC6.3
pkg/iac-providers/terraform/v1	54	5 AWS Sptaplatform module constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	54	5 AWS Sptaplatform module less than constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	54	5 AWS Sptaplatform module less than or equal constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	54	5 AWS Sptaplatform module less than or equal to constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	53	3 Best practice for configuring restricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/iac-providers/terraform/v1	54	5 AWS Sptaplatform module constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
pkg/iac-providers/terraform/v1	19	5 Best practice for configuring restricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/iac-providers/terraform/v1	55	5 Best practice for configuring restricted ingress	HIGH	Security	CC6.6, CC6.7
pkg/iac-providers/terraform/v1	59	5 Avoid delay in both unrestricted ingress	HIGH	Security	CC6.1, CC6.3
pkg/initialize/run.go	76	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/k8s/admission-webhook/v1	67	Validating webhook credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/k8s/admission-webhook/v1	73	Validating webhook credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/k8s/admission-webhook/v1	92	Validating webhook credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/k8s/admission-webhook/v1	67	Validating webhook credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/k8s/dblogs/webhook/12-scan-logger exec function	12	Logger exec function	HIGH	Security	CC6.1, CC6.8, CC7.2
pkg/k8s/dblogs/webhook/20-scan-logger exec function	20	Logger exec function	HIGH	Security	CC6.1, CC6.8, CC7.2
pkg/mapper/iac-provider/arm/config/audit/credentials	26	Config audit credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider/arm/config/audit/credentials	26	Config audit credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider/arm/config/audit/credentials	26	Config audit credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider/arm/config/audit/credentials	26	Config audit credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7

pkg/mapper/iac-provider	des/arm/ Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/arm/ Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/arm/ Hard-coded parameters	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/arm/ Hard-coded resource identity	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/arm/ Hard-coded roles	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/arm/ Hard-coded variables	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/cft/ Untyped/old-style credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/cft/ Untyped/old-style credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/cft/st/ Untyped	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/cft/st/ Untyped	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/cft/st/ Untyped	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/mapper/iac-provider	des/cft/st/ Untyped	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/notifications/webhook	22k/webhook/ Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/policies/opa/rego/aws_lambda	Hard-coded function arn and data encrypted with Kms	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/policies/opa/rego/k8s_kubeconfig	Hard-coded appender profile secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/utils/skip_rules_test	129 S3 bucket with public read access	HIGH	Confidentiality	C1.1
pkg/utils/http/request.go	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/vulnerability/acr.go	Possible hard-coded password	HIGH	Security	CC6.1, CC6.7
pkg/vulnerability/acr.go	Possible hard-coded password	HIGH	Security	CC6.1, CC6.7
pkg/vulnerability/gcr.go	Possible hard-coded password	HIGH	Security	CC6.1, CC6.7
pkg/vulnerability/harbo850	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/vulnerability/harbo740	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
pkg/vulnerability/harbo830st.go	Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
test/e2e/scan/scan_test	3.16 Hard-coded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
test/e2e/test_data/iac/aws/aws_aws_lambda	AWS provider without version constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
test/e2e/test_data/iac/aws/aws_aws_lambda	AWS provider violation of version constraint	MEDIUM	Security	CC1.1, CC1.2, CC1.3, CC1.4, CC2.1
test/e2e/test_data/iac/aws/aws_aws_lambda	aws lambda - violates password	HIGH	Security	CC6.1, CC6.7
test/e2e/test_data/iac/aws/aws_aws_lambda	aws lambda - violates password	HIGH	Security	CC6.1, CC6.7
test/e2e/test_data/iac/aws/aws_aws_lambda	aws lambda - violates password	HIGH	Security	CC6.1, CC6.7
test/e2e/test_data/iac/aws/aws_aws_lambda	aws lambda - violates password	HIGH	Security	CC6.1, CC6.7
test/e2e/test_data/iac/aws/aws_aws_lambda	aws lambda - violates password	HIGH	Security	CC6.1, CC6.7

test/e2e/validatingwebhook/v16	Hardcoded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
test/e2e/validatingwebhook/v17	Hardcoded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
test/e2e/vulnerability/v12	Hardcoded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7
test/e2e/vulnerability/v14	Hardcoded credentials or secrets	HIGH	Security	CC6.1, CC6.6, CC6.7

SOC2 Trust Services Criteria (TSC) Explanation

SOC2 Trust Services Criteria refer to the specific control points used to assess compliance:

- CC: Common Criteria (security)
- A: Availability
- PI: Processing Integrity
- C: Confidentiality
- P: Privacy

Each finding in this report references specific TSC criteria to help understand how it impacts compliance posture.

Recommendations & Next Steps

- Implement a formal process for assigning and managing access rights in accordance with the principle of least privilege.
- Develop a comprehensive risk management process that includes automated scanning strategies for Infrastructure-as-Code.
- Conduct periodic reviews of security configurations and apply best practices across all SOC2 Trust Services Criteria.
- Document and verify all control measures relevant to the TSC criteria noted in the findings.
- Implement automated compliance checks in CI/CD pipelines to detect deviations early in the development cycle.

High-Risk Item Recommendations

- Prioritize immediate remediation of high-risk findings related to CC security-critical components.
- Implement strict access controls for sensitive infrastructure components applying the principle of least privilege.
- Conduct detailed risk assessment for all Common Criteria-related findings.
- Document and test incident response processes for all high-risk vulnerabilities.
- Install an automated validation process that checks IaC changes before they are applied to production environments.

Data Sustainability Recommendations

- Implement data minimization practices to collect only necessary personal data.
- Establish clear data retention periods and automated deletion processes.
- Regularly audit and clean databases to remove redundant or obsolete data.
- Design systems with privacy by design principles to improve sustainability.
- Consider data storage optimization to reduce environmental impact of data centers.

Scan Metadata

Scan ID	ed56d57a-094b-4d8c-8b63-2cb3b1f45b9c
Scan Type	soc2
Region	Global
Timestamp	2025-05-01 21:32:36
Repository Provider	GitHub
Repository URL	Not available
Repository Path	Not available
Branch	master
Username	vishaal
Files Scanned	2202
CC Findings	0
A Findings	0
PI Findings	0
C Findings	0
P Findings	0

Disclaimer: This report is provided for informational purposes only and should not be considered legal or compliance advice. The findings in this report are based on automated scanning and may not identify all SOC2-relevant security issues. The Trust Services Criteria (TSC) mapping is intended as guidance. We recommend consulting with a qualified SOC2 auditor or compliance specialist for specific SOC2 compliance guidance.