

advisense /
iac-azure-terraform-example

<> Code

Issues 3

Pull requests

Actions

Projects

Wiki

Security 56

← PW.7.1

- ✓ Removed error counter from pipeline #33
- ✓ Terraform Test and Validate ▾



> Annotations

3 errors and 9 warnings

> ✓ Set up job	2s
> ✓ Build aquasecurity/tfsec-action@v1.0.0	3s
> ✓ Checkout Code	0s
> ✓ Set up Terraform	1s
> ✓ Terraform Init	3s
> ✓ Terraform Format Check	0s
> ✓ Terraform Validate	1s
> ✓ Setup TFLint	1s
> ✓ TFLint run	1s

```
1 ▶ Run aquasecurity/tfsec-action@v1.0.0
8 /usr/bin/docker run --name d23c42bc55f0ab474495b9d95a82e1622d7d_3944ec --label 47d23c --workdir
/github/workspace --rm -e "TERRAFORM_CLI_PATH" -e "INPUT_WORKING_DIRECTORY" -e "INPUT_VERSION" -e
"INPUT_FORMAT" -e "INPUT_ADDITIONAL_ARGS" -e "INPUT_SOFT_FAIL" -e "HOME" -e "GITHUB_JOB" -e
"GITHUB_REF" -e "GITHUB_SHA" -e "GITHUB_REPOSITORY" -e "GITHUB_REPOSITORY_OWNER" -e
"GITHUB_REPOSITORY_OWNER_ID" -e "GITHUB_RUN_ID" -e "GITHUB_RUN_NUMBER" -e "GITHUB_RETENTION_DAYS" -
e "GITHUB_RUN_ATTEMPT" -e "GITHUB_ACTOR_ID" -e "GITHUB_ACTOR" -e "GITHUB_WORKFLOW" -e
"GITHUB_HEAD_REF" -e "GITHUB_BASE_REF" -e "GITHUB_EVENT_NAME" -e "GITHUB_SERVER_URL" -e
"GITHUB_API_URL" -e "GITHUB_GRAPHQL_URL" -e "GITHUB_REF_NAME" -e "GITHUB_REF_PROTECTED" -e
"GITHUB_REF_TYPE" -e "GITHUB_WORKFLOW_REF" -e "GITHUB_WORKFLOW_SHA" -e "GITHUB_REPOSITORY_ID" -e
"GITHUB_TRIGGERING_ACTOR" -e "GITHUB_WORKSPACE" -e "GITHUB_ACTION" -e "GITHUB_EVENT_PATH" -e
"GITHUB_ACTION_REPOSITORY" -e "GITHUB_ACTION_REF" -e "GITHUB_PATH" -e "GITHUB_ENV" -e
```

```
"GITHUB_STEP_SUMMARY" -e "GITHUB_STATE" -e "GITHUB_OUTPUT" -e "RUNNER_OS" -e "RUNNER_ARCH" -e
"RUNNER_NAME" -e "RUNNER_ENVIRONMENT" -e "RUNNER_TOOL_CACHE" -e "RUNNER_TEMP" -e "RUNNER_WORKSPACE"
-e "ACTIONS_RUNTIME_URL" -e "ACTIONS_RUNTIME_TOKEN" -e "ACTIONS_CACHE_URL" -e "ACTIONS_RESULTS_URL"
-e GITHUB_ACTIONS=true -e CI=true -v "/var/run/docker.sock":"/var/run/docker.sock" -v
"/home/runner/work/_temp/_github_home":"/github/home" -v
"/home/runner/work/_temp/_github_workflow":"/github/workflow" -v
"/home/runner/work/_temp/_runner_file_commands":"/github/file_commands" -v "/home/runner/work/iac-
azure-terraform-example/iac-azure-terraform-example":"/github/workspace"
47d23c:42bc55f0ab474495b9d95a82e1622d7d
9 + TFSEC_VERSION=latest
10 + '[' latest '!=' latest ']'
11 ++ wget -q https://api.github.com/repos/aquasecurity/tfsec/releases/latest -O -
12 ++ grep -o -E 'https://.+?tfsec-linux-amd64'
13 ++ head -n1
```

Terraform Test and Validate



succeeded on Mar 12 in 17s

```
18 + '[' -n '' ']'
19 + '[' -n '' ']'
✓ Terraform Security Scan (tfsec) 2s
21 + tfsec --format=default .
22
23 =====
24 tfsec is joining the Trivy family
25
26 tfsec will continue to remain available
27 for the time being, although our engineering
28 attention will be directed at Trivy going forward.
29
30 You can read more here:
31 https://github.com/aquasecurity/tfsec/discussions/1994
32 =====
33
34 Result #1 HIGH Linux virtual machine allows password authentication.
35
36 modules/vm-linux/main.tf:21
37 via spoke1.tf:61-91 (module.vm-linux-01)
38
39 13 resource "azurerm_linux_virtual_machine" "linux-vm" {
40 ..
41 21 [ disable_password_authentication = var.disable_password_authentication (false)
42 ..
43 36 }
44
45 ID azure-compute-disable-password-authentication
46 Impact Using password authentication is less secure than ssh keys may result in compromised
servers
47 Resolution Use ssh authentication for virtual machines
48
49 More Information
50 - https://aquasecurity.github.io/tfsec/v1.28.13/checks/azure/compute/disable-password-
authentication/
```

```
51 -
    https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/resources/linux_virtual_machine#disable_password_authentication
52 -
    https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/resources/virtual_machine#disable_password_authentication
53
54
55
56 timings
57
58 disk i/o      1.176628ms
59 parsing      72.114575ms
60 adaptation   166.441µs
61 checks      3.463901ms
62 total       76.921545ms
63
64 counts
65
66 modules downloaded  0
67 modules processed  31
68 blocks processed   390
69 files read         99
70
71 results
72
73 passed          3
74 ignored         0
75 critical        0
76 high            1
77 medium          0
78 low             0
79
80 3 passed, 1 potential problem(s) detected.
81
82
```

- >  Post Checkout Code 0s
- >  Complete job 0s