Qualys Container Security

Release Notes

Version 1.8.2
March 4, 2021

Here's what's new in Container Security 1.8.2!

Changes to the Instrumenter Deployment Script

Container Security 1.8.2 brings you more improvements and updates! Learn more

Changes to the Instrumenter Deployment Script

Applicable when Container Runtime Security (CRS) is enabled for your subscription.

We made several changes to the instrumenter deployment script in this release. The biggest change is that the script now runs in CLI mode by default. To instrument images from the registry using the instrumentation microservice, you can run the script with --daemon-mode.

We made the following changes:

- The script was renamed from deploy-instrumenter.sh to instrumenter.sh
- The script now runs in CLI mode by default. You no longer specify --cli-mode to instrument CLI based images.
- You must specify --daemon-mode to deploy the instrumenter service for instrumenting images from the registry.
- The policy argument was changed from --policy to --policyid (not applicable when --daemon-mode is specified)

Steps to run instrumenter using docker CLI based command

Run the instrumenter in CLI mode (the default) for instrumenting images locally or in Daemon mode to use the instrumenter microservice to instrument images from the registry. You can run the instrumenter with or without a vault.

1) Pull the docker CLI files from github. You can download them from https://github.com/Qualys/qualys_crs_instrumenter

2) Edit **instrumenter.sh** to configure specific details for proxy and vault usage.

3) Run the docker CLI script.

By default, the script will run in CLI mode and for this mode you must specify the endpoint and image. Policy ID is optional. Use this command to run the script:

```
sh instrumenter.sh --endpoint
<qualys_username>:<qualys_password>@<api_gateway_url>/crs/v1.2
--image <image> [--policyid <policy id>]
```

To use the instrumenter microservice to instrument images from the registry, you must run the script in Daemon mode. Specify --daemon-mode and specify the endpoint. In this case, you do not specify the image or policy. Use this command to run the script:

```
sh instrumenter.sh --endpoint
<qualys_username>:<qualys_password>@<api_gateway_url>/crs/v1.2
--daemon-mode
```

Usage Examples

Default Example - CLI mode:

```
./instrumenter.sh --endpoint <endpoint> --image <image> [--policyid
<policy id>]
```

Default Example - Daemon mode:

```
./instrumenter.sh --endpoint <endpoint> --daemon-mode
```

Vault Example - CLI mode:

```
./instrumenter.sh --endpoint <endpoint> --vault-token <token> --vault-
engine <engine version> [--vault-base64] --vault-path <vault-path> --
vault-address <vault-address> --image <image> [--policyid <policy id>]
```

Vault Example - Daemon mode:

```
./instrumenter.sh --endpoint <endpoint> --vault-token <token> --vault-
engine <engine version> [--vault-base64] --vault-path <vault-path> --
vault-address <vault-address> --daemon-mode
```

Proxy Example - CLI mode:

```
./instrumenter.sh --endpoint <endpoint> --proxy <proxy> --image <image>
[--policyid <policy id>]
```

Proxy Example - Daemon mode:

```
./instrumenter.sh --endpoint <endpoint> --proxy <proxy> --daemon-mode
```

Where:

<endpoint> is in the format of username:password@url if you are not using a vault. Only url is needed when you are using a vault.

<image> is the image Id (e.g. “6d9ae1a5c970”) or repository name:tag (e.g. “library/centos:centos72” or “java:latest”) for the container image you want to instrument using CLI mode. The image must be present locally where you’re running the CLI command.

<policy id> is the policy Id (e.g. “5fd20b4321dabf0001fdc464”) for the policy you want to immediately apply to the image being instrumented using CLI mode.

Issues Addressed

- (Applicable only to customers with Policy Compliance support enabled) We fixed an issue where users could not fetch details for control ID 19511 “Ensure that COPY is used instead of ADD in Docker files”. A 204 response was returned when fetching control details using the API endpoint /csapi/v1.3/controls/19511.