

# Automation of Network Traffic Monitoring using Docker images of Snort3, Grafana and a custom API

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In this paper we present a mechanism to automate network traffic monitoring by using Docker images. The application has three parts: a Snort3 application for capturing network traffic, a Grafana application to display statistics on the dashboard and a custom API that makes the connection between Snort3 and Grafana. We pushed these images to DockerHub. An automation script that executes all needed steps, was created and published to a Github repository.

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