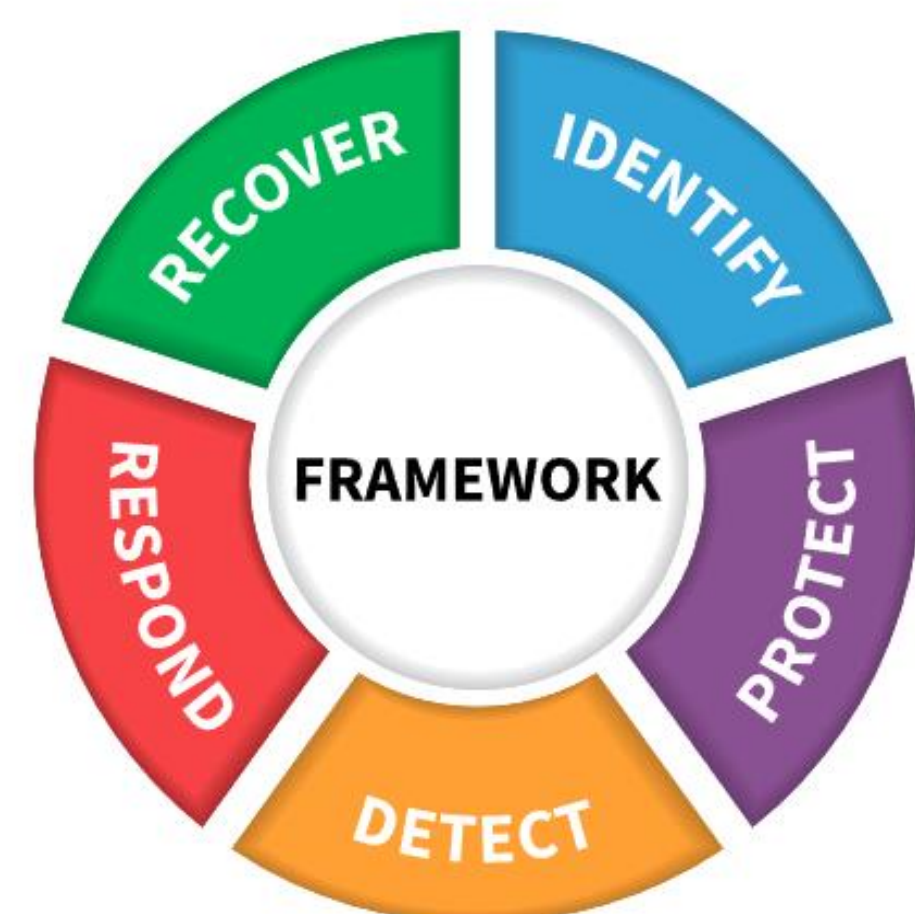


## ABSTRACT

The Project team will utilize industry best practices to harden the server infrastructure and website for the mock Akwaaba organization against an opposing team for a white hat hacking Red and Blue Team exercise.

## METHODS

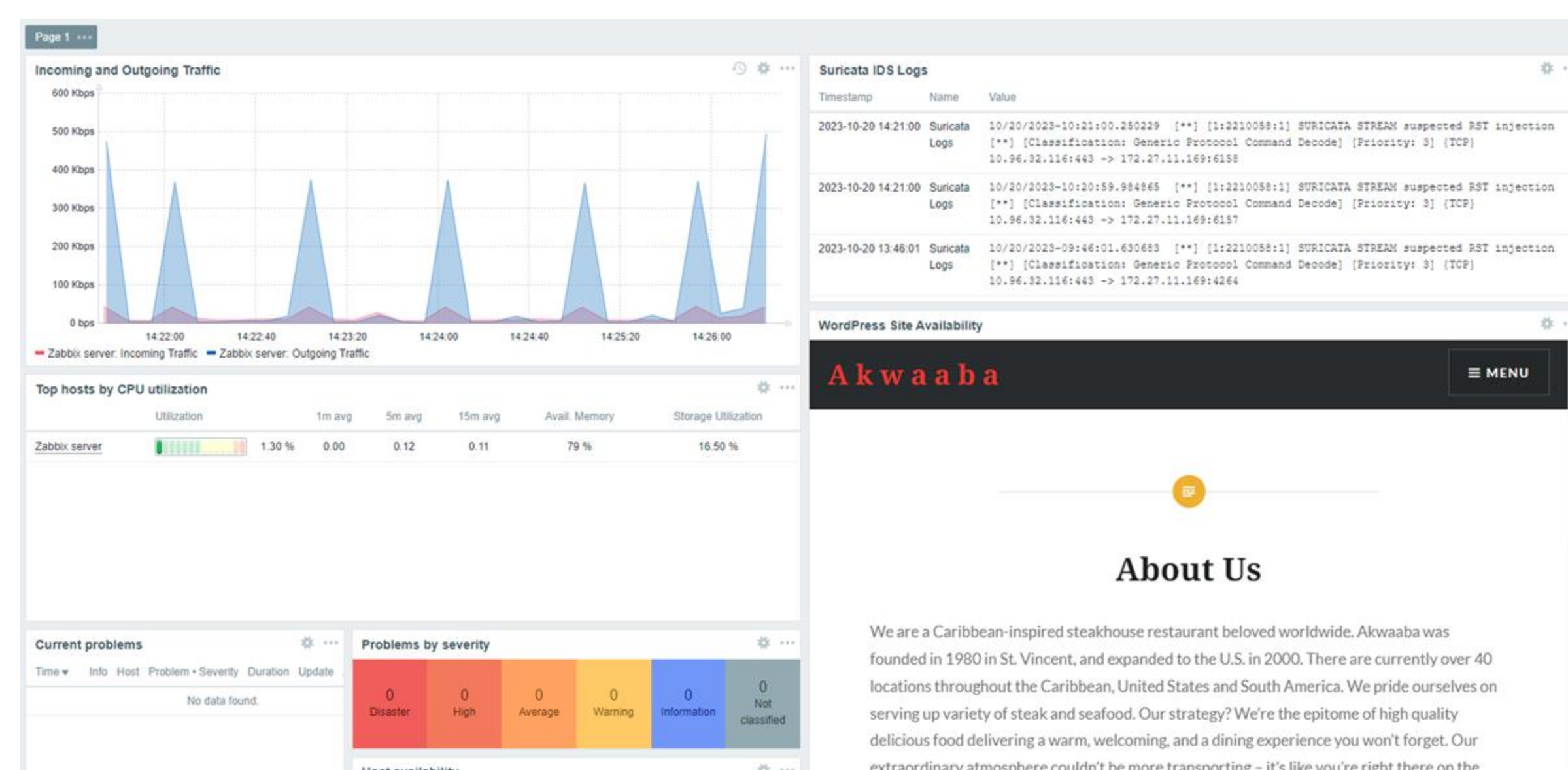


National Institute of Standards and Technology Cybersecurity Framework



OWASP Top 10 Vulnerability Data and Guidance

## RESULTS



Resources:

<https://www.nist.gov/cyberframework/framework-resources>

<https://www.cisa.gov/topics/cybersecurity-best-practices>

<https://owasp.org/www-project-top-ten/>

The project team has provided a series of risk assessments, risk mitigations, and general security, research paper reports, and access policies for an on-premise server infrastructure.

The project aimed to provide a rigorous analysis and hardening for a backend tech stack and website to prevent intrusions and breaches of customer and business data.



www.team6.tech