

# WEB DEFACEMENT

## NANO DEFACEMENT

### 🔗Objectives

- Detect Web defacement attacks before and after initiating the tool.
- Fix Web defacement attacks.
- To work on most websites (unix based).
- Fast response time with less false positives.
- Easy to setup and initiate the tool.
- Saved from any outcome expectations.

### 🔗Features

- Unix based
- Written in python language.
- Easy to use/implement.

## Detection and Fixing tool for web defacement attacks

### 🔗Detection:

Detects Web Defacement attacks by comparing source code hashed values.

### 🔗Fixing:

Fixes Web Defacement attacks by replacing affected source code with original source code.

## What makes us special

### Fast

- No long source code is being compared.
- Only short hashed values are being compared.

### Safe

- Original source code is not being used for comparing or testing processes.
- Only hashed values are being used.
- Encrypt source code files

### Less false positives

- Hashing of only the static code.
- Never hashing the dynamic code.

## Flow Diagram

