

Threat model report for Example threat model

Owner:

Threat Dragon workshop team

Reviewer:

Threat Dragon workshop attendees

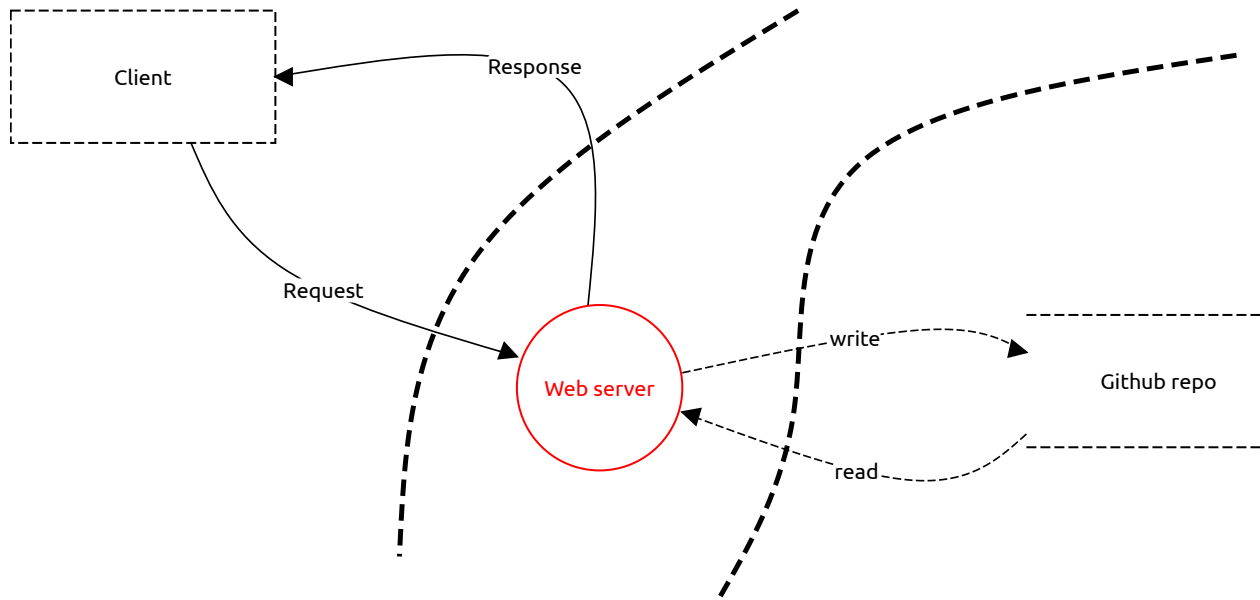
Contributors:

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High level system description

This is an example model used for the PDX OWASP Training Day 2021
It is a threat model of Threat Dragon itself

Example



Web server (Process)

Description:

The server providing the single-page web application

Insufficient logging

Repudiation, Open, Low Severity

Description:

Accesses to the web server are open to anyone. These accesses may be from a malicious actor

OWASP Top 10: Insufficient logging and monitoring

Mitigation:

Log incoming access

Log files are accessible

Information disclosure, Mitigated, High Severity

Description:

The log files may contain information that should not be disclosed to unauthorised access

Mitigation:

Ensure that the log files have permissions set and authentication is required for access

Denial of Service using high rate of requests

Denial of service, Not Applicable, Medium Severity

Description:

The web application server could become unresponsive to authorised access

Mitigation:

The network and web server provide protection against DoS

Request (Data Flow)

Description:

The client makes a request to the server

No threats listed.

Response (Data Flow)

Description:

The server provides the web application

No threats listed.

Client (out of scope External Actor)

Description:

The client browser running the single-page web application

Out of scope reason:

We can not predict what browser / client is being used

Github repo (out of scope Data Store)

Description:

The github repository for the threat model files

Out of scope reason:

Github has its own threat model, so out of scope for Threat Dragon

read (out of scope Data Flow)

Description:

Open a threat model by reading from github repo

Out of scope reason:

No control over this data traffic

write (out of scope Data Flow)

Description:

Write modified threat model files to github

Out of scope reason:

No control over this data traffic

Copy of Example