DINNER OF WEB SECURITY
[SERVER-SIDE ATTACKS]

Appetizer

Knowing about SQL and Command Injection 🌐🌐

Good points to know well about SQL & Command Injection

Server-Side Includes (SSI) Injection 🌐

Build an overview about SSI Injection

Server-side Logic 🌐

Be familiar with when and how to use server-side logic before using it
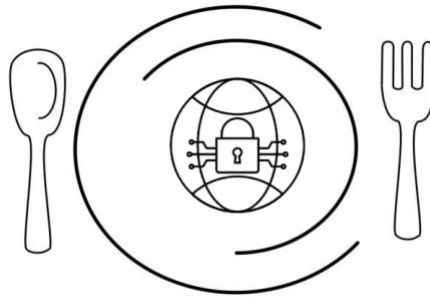
Salad & Soup

CSRF / XSS 🌐 🌐

The content introduces CSRF / XSS and give some strategies about how to prevent them.

SQLI Examples and Prevention 🌐

The content includes types of SQL Injection and some basic examples for you to know well about SQL Injection. Additionally, it provides some strategies to prevent SQL Injection.

Last update: April 23, 2021

Parameter Pollution and Tampering 🌐🌐

Provide detailed description about HTTP parameter Pollution and explore how to prevent it. There are also some interesting examples about Web Parameter Tampering.

Directory Traversal Attack 🌐

With some examples, the content introduces path traversal and how to prevent it, just try it.

Entrée

CRLF Injection in Web Application 🌐

A good content to understand the mechanism of CRLF with detailed description. Furthermore, the material contains some content about HTTP Header Injection and Response Splitting, which are helpful.

👍 *Server-side Request Forgery (SSRF)* 🌐 🌐 🌐 🌶️

SSRF, a notorious attack in the server-side, from these materials you can know more about it and know the serious results it caused.
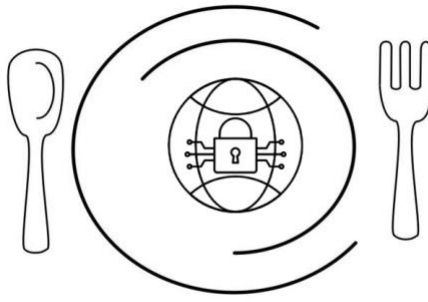
An Introduction to Web Shells 🌐🌶️🌶️

A web shell is a malicious script used by an attacker with the intent to escalate and maintain persistent access on an already compromised web application.

Dessert

Hijacking Cookies 🌐

An interesting attempt of turning an html injection into a dangerous vulnerability with the cookie hijacking vulnerability.

Command Injection Evaluation 🌐

Automating evaluation and exploitation of command injection vulnerabilities in Web Application.

Drinks

VMware fixes vCenter RCE bug – 6,000-plus servers potentially at risk as attackers probe systems 🌐

VMWare vulnerability in its vCenter server management software that could allow hackers to take over servers and gain access to sensitive data.

SSRF vulnerability in NPM package Netmask impacts up to 279k projects 🌐

A potentially "catastrophic" security vulnerability in Netmask, an NPM package used by more than 279,000 open source projects, has been patched after lying undiscovered for nine years.

FBI removes web shells from compromised Exchange servers 🌐

Authorities step in to thwart attacks leveraging the recently-disclosed Microsoft Exchange Server vulnerabilities