

Completed: How Websites Work – TryHackMe

I recently completed the “How Websites Work” room on TryHackMe, where I strengthened my understanding of web application fundamentals from a cybersecurity perspective. Key Concepts Covered:

How the Web Works:-

Understanding client-server architecture

Role of browsers and web servers

HTTP request & response cycle

1) HTTP & HTTPS:-

Structure of HTTP requests (GET, POST, headers, status codes)

Difference between HTTP and HTTPS

Importance of SSL/TLS encryption

2) DNS & Hosting:-

How domain names are translated into IP addresses

Basic knowledge of web hosting and servers

3) Web Technologies:-

HTML for structure

CSS for styling

JavaScript for interactivity

4) Developer Tools & Inspection:-

Using browser DevTools to inspect page source

Analyzing network traffic

Identifying basic security misconfigurations

Skills Gained:-

- ✓ Better understanding of web infrastructure
- ✓ Strong foundation for Web Security & Pentesting
- ✓ Improved ability to analyze web-based vulnerabilities

This room strengthened my core knowledge, which is essential before diving into topics like SQL Injection, XSS, and Web Exploitation.

