

# Burp Suite: The Basics

An introduction to using Burp Suite for web application pentesting.

## Task 2 What is Burp Suite

| Question   | Answer                |
|--|-----------------------|
| Which edition of Burp Suite runs on a server and provides constant scanning for target web apps? | Burp Suite Enterprise |
| Burp Suite is frequently used when attacking web applications and _____ applications.            | mobile                |

## Task 3 Features of Burp Community

| Question   | Answer   |
|--|----------|
| Which Burp Suite feature allows us to intercept requests between ourselves and the target? | proxy    |
| Burp Suite is frequently used when attacking web applications and _____ applications.      | Intruder |

## Task 5 The Dashboard

| Question   | Answer    |
|--|-----------|
| What menu provides information about the actions performed by Burp Suite, such as starting the proxy, and details about connections made through Burp? | event log |

## Task 6 Navigation

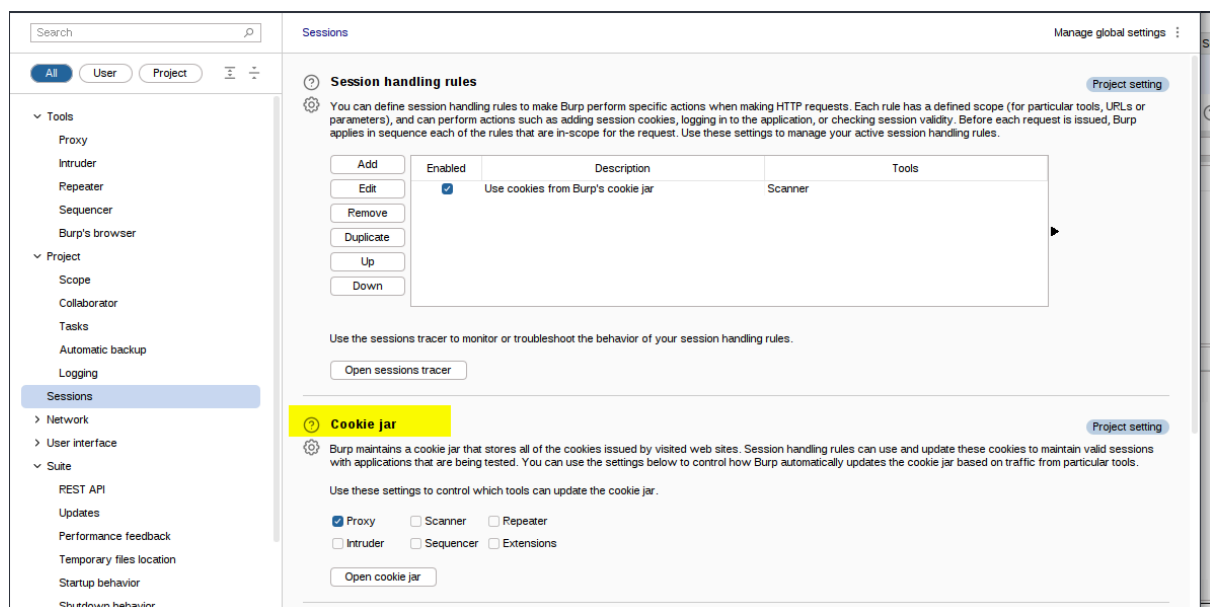
| Question   | Answer    |
|--|-----------|
| Which tab Ctrl + Shift + P will switch us to? about connections made through Burp? | proxy tab |

## Task 7 Options

In which category can you find a reference to a "Cookie jar"?

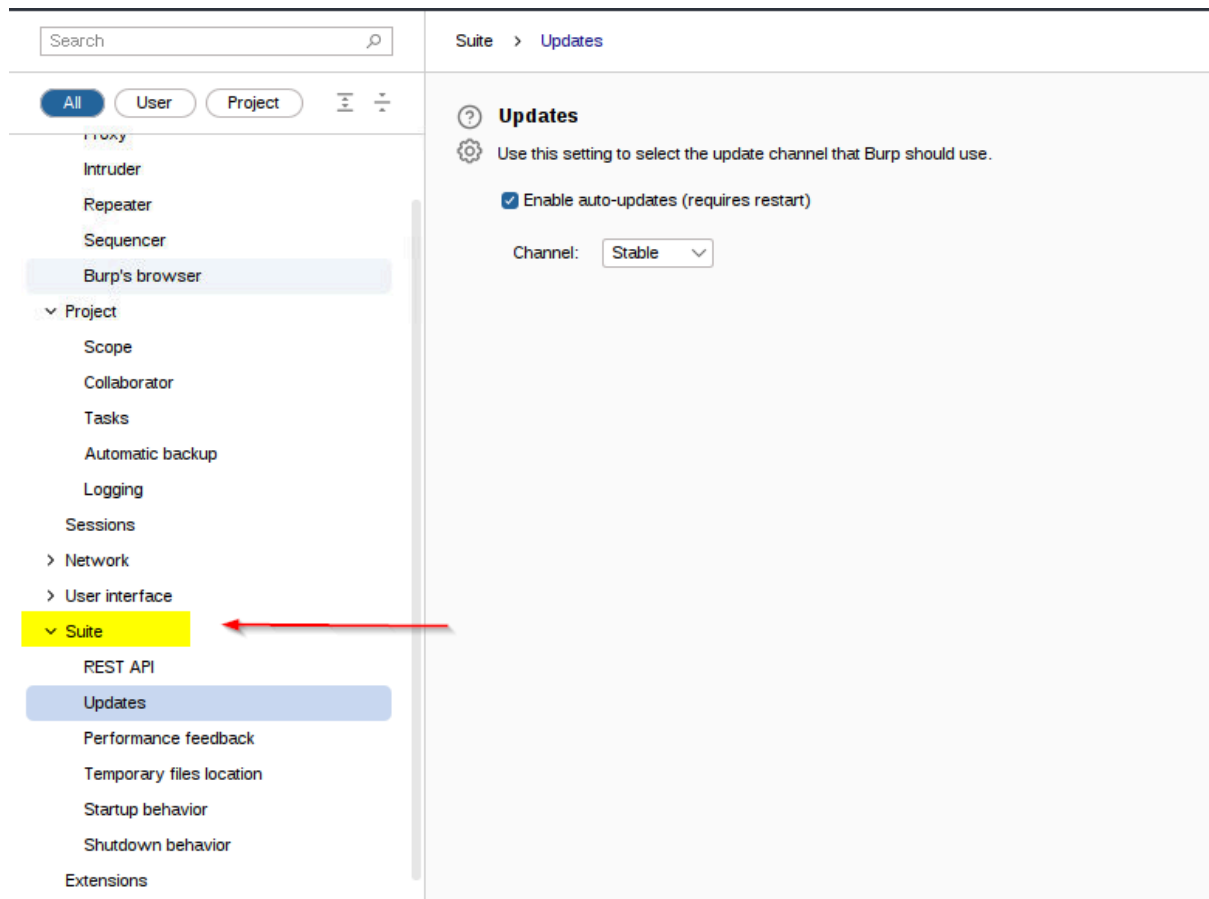
I clicked on settings, Under categories

**Answer: sessions**



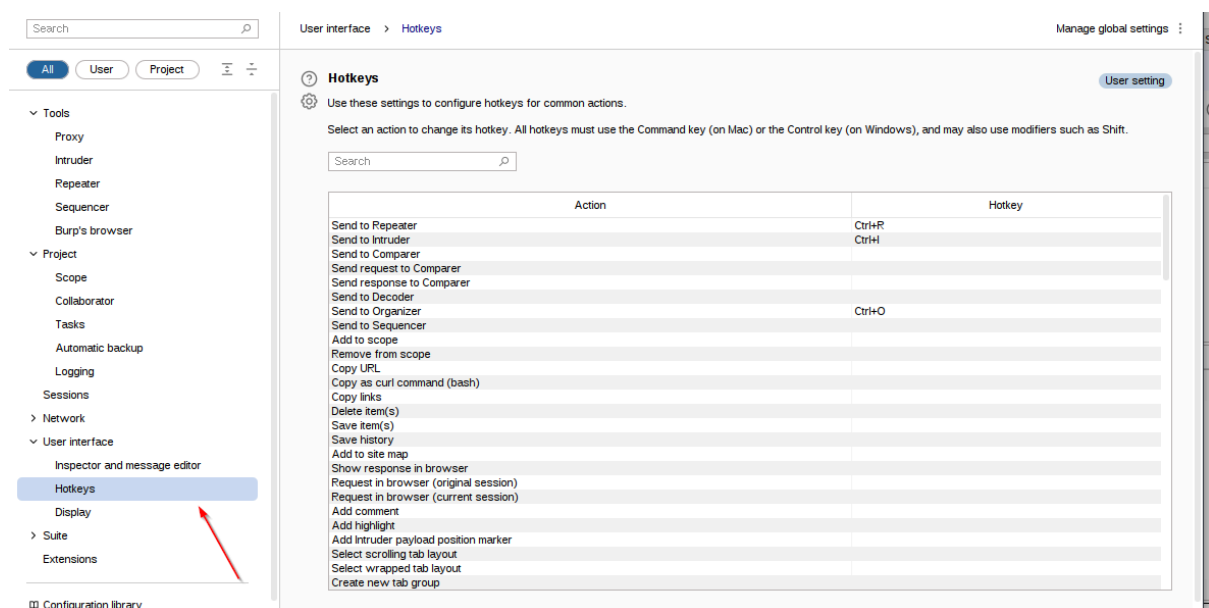
In which base category can you find the "Updates" sub-category, which controls the Burp Suite update behaviour?

**Answer: suite**



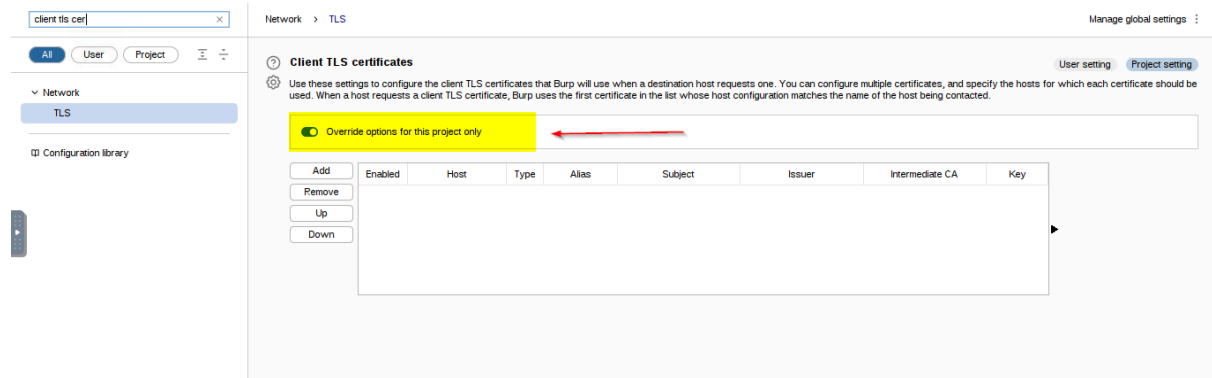
What is the name of the sub-category which allows you to change the keybindings for shortcuts in Burp Suite?

**Answer: hotkeys**



If we have uploaded Client-Side TLS certificates, can we override these on a per-project basis (yea/nay)?

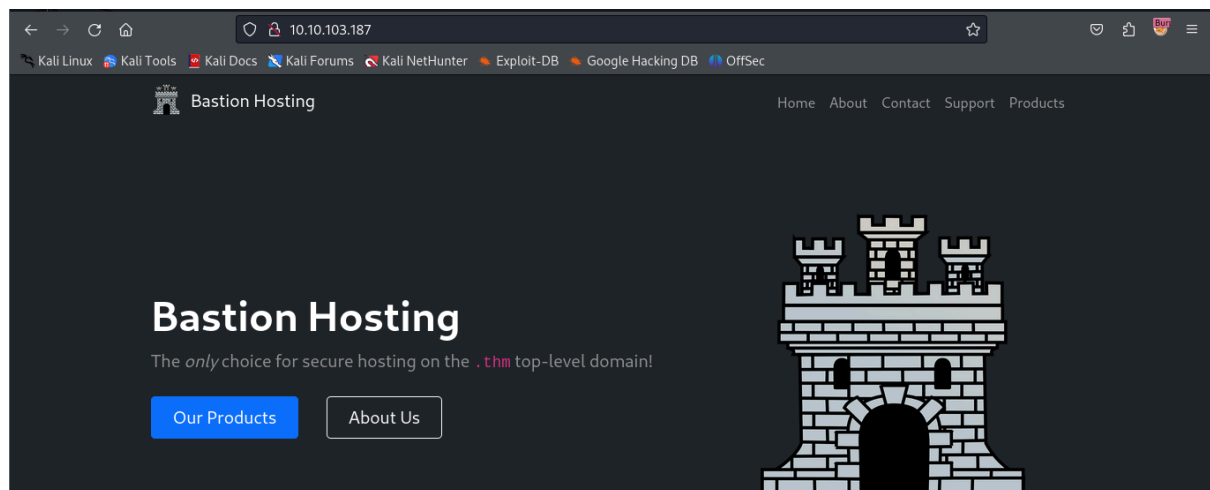
Answer: **yea**



## Task 9 Connecting through the Proxy (FoxyProxy)

What is the flag you receive after visiting the unusual endpoint?

I configured my burp proxy configuration and visited the site at <http://10.10.103.187>,



I enabled interception in the proxy tab, forwarded the website request, and examined the "Response" section of the site map entry. While looking through for suspicious content, I discovered the flag.

Answer: **THM{NmNIZTliNGE1MWU1ZTQzMzgzNmFiNWVk}**

Filter settings: Hiding CSS, image and general binary content

| #  | Host                 | Method | URL        | Params | Edited | Status code | Length | MIME type | Extension | Title                 | Notes | TLS | IP            | Cookies | Time            | Listener port |
|----|----------------------|--------|------------|--------|--------|-------------|--------|-----------|-----------|-----------------------|-------|-----|---------------|---------|-----------------|---------------|
| 12 | http://10.10.103.187 | GET    | /          |        |        | 200         | 6802   | HTML      |           | Bastion Hosting       |       |     | 10.10.103.187 |         | 11:23:117 Ap... | 8080          |
| 13 | http://10.10.103.187 | GET    | /          |        |        | 200         | 6802   | HTML      |           | Bastion Hosting       |       |     | 10.10.103.187 |         | 11:26:167 Ap... | 8080          |
| 14 | http://10.10.103.187 | GET    | /          |        |        | 200         | 7389   | HTML      |           | About Us              |       |     | 10.10.103.187 |         | 11:26:287 Ap... | 8080          |
| 15 | http://10.10.103.187 | GET    | /about/    |        |        | 200         | 5205   | HTML      |           | Contact us!           |       |     | 10.10.103.187 |         | 11:26:307 A...  | 8080          |
| 16 | http://10.10.103.187 | GET    | /contact/  |        |        | 200         | 4190   | HTML      |           | Submit Support Ticket |       |     | 10.10.103.187 |         | 11:26:317 Ap... | 8080          |
| 17 | http://10.10.103.187 | GET    | /products/ |        |        | 200         | 14372  | HTML      |           | Our Products          |       |     | 10.10.103.187 |         | 11:26:327 Ap... | 8080          |
| 18 | http://10.10.103.187 | GET    | /ticket/   |        |        | 200         | 4190   | HTML      |           | Submit Support Ticket |       |     | 10.10.103.187 |         | 11:27:357 Ap... | 8080          |
| 19 | http://10.10.103.187 | GET    | /ticket/   |        |        | 200         | 4190   | HTML      |           | Submit Support Ticket |       |     | 10.10.103.187 |         | 11:34:297 A...  | 8080          |
| 20 | http://10.10.103.187 | GET    | /          |        |        | 200         | 6802   | HTML      |           | Bastion Hosting       |       |     | 10.10.103.187 |         | 11:34:577 Ap... | 8080          |
| 21 | http://10.10.103.187 | GET    | /          |        |        | 200         | 6802   | HTML      |           | Bastion Hosting       |       |     | 10.10.103.187 |         | 11:35:097 A...  | 8080          |

Request

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1 GET /SyR2GLcoGaijZZK HTTP/1.1

2 Host: 10.10.103.187

3 User-Agent: Mozilla/5.0 (X11; Linux x86\_64; rv:109.0) Gecko/20100101 Firefox/115.0

4 Accept: \*/\*

5 Accept-Language: en-US,en;q=0.5

6 Accept-Encoding: gzip, deflate, br

7 Referer: http://10.10.103.187/ticket/

8 Connection: close

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