Learning Cyber sec and Common Attacks

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Common Attacks

Web Application Security

Why understanding how the web works is important?
Hacking is not just about running random scripts and expecting something to pop up. Researching vulnerabilities requires an understanding of how it work and a hacker's mindset.

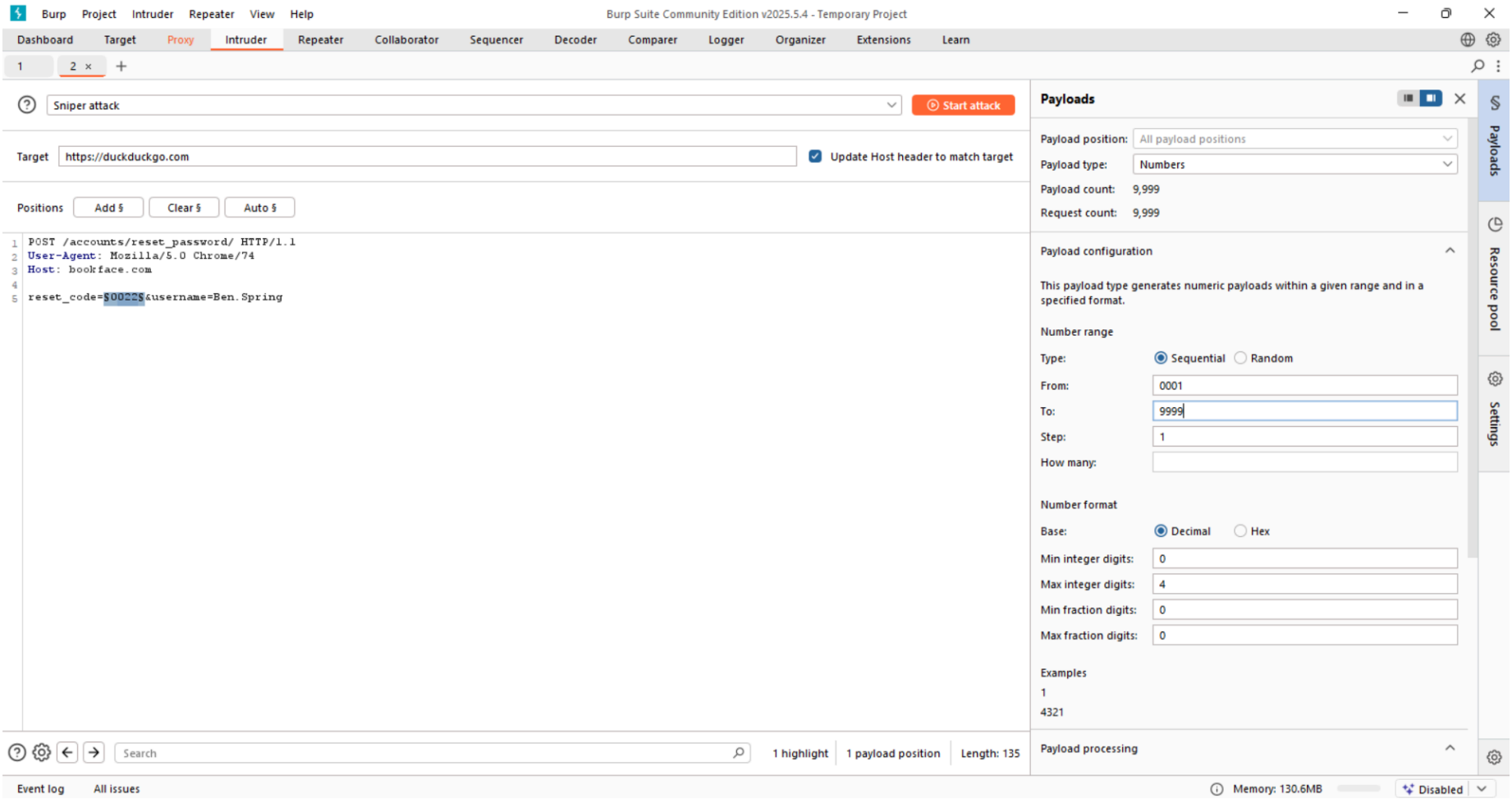
so if you are searching vulnerabilities in web applications. Firstly you must understand how web works.

What is the username of the BookFace account you will be taking over?
Ben.Spring

Hack the BookFace account to reveal this task's answer!
THM{BRUTEFORCING}

also with Burp Suite's intruder tab, you can performe brute-force attacks as explained in the THM room.

example:



Network Security

Why networking is important?
For example in fact a web application is a computer which opened some port to network with some kind of server softwares like apache server. Everything happens over the network. If you understand network you will be one step closer to having a hacker's mindset.

"Knowing how computers talk to each other over a network, and how data travels from two points will allow you to understand what happens when you start scanning a network, finding machines, and finding weaknesses in applications and systems."

How much did the data breach cost Target?
$300 million

Common Attacks

Social engineering
Targeting and exploiting human psychology most of time easier and more effective than hacking techniques.

Phishing is a subcategory of social engineering that tricks targets with various online deception/scamming techniques such as e-mails, fake websites . The attackers aimed to steal sensitive informations for their benefit.

What is the flag?
THM{I_CAUGHT_ALL_THE_PHISH}
Malware and Ransomware

Research What currency did the Wannacry attackers request payment in?
Bitcoin

What is the password?
TryHackMe123!

Where you have the option, which should you use as a second authentication factor between SMS based TOTPs or Authenticator App based TOTPs (SMS or App)?
app

What is the minimum number of up-to-date backups you should make?
3

Of these, how many (at minimum) should be stored in another location?
1