

# HTTPBasicAuth

[>] HTTP Basic Authentication Dictionary and Brute-force attacks with Burp Suite  
<http://www.dailysecurity.net/2013/03/22/http-basic-authentication-dictionary-and-brute-force-attacks-with-burp-suite/>

Burp Suite against HTTP Basic authentication

To implement the attack you need to capture one authentication request with Burp Proxy and send it to Burp Intruder.

Mark only the Base64 encoded string and click Add button to put the markers around it.

Dictionary attack

For the dictionary attack I'm using custom iterator intruder option. It allows you to generate your own custom payload. Following this logic in position 1 we would like to load an username followed by separator semicolon and then load password. Go to Payload tab and select Custom iterator option from Payload type dropdown box.

Burp Suite Custom Iterator

Select position 1 from the Position dropdown box and load your usernames list in List items for position 1 listbox. Put Position 1 list and separator option

Select position 2 from the Position dropdown box and load your passwords list in List items for position 2 listbox.

Position 2

After you've set your two positions you need to tell the Intruder to encode the payload string using Base64 encoding. Go to PayloadProcessingin\_AddRule\_Encode

PayloadProcessingEncode

By default Burp Intruder URL encodes the payload. Base64 strings often contain = symbol. That is why it is a good idea to replace it with something else. That's it. You can start the Intruder attack.

Bruteforce attack

The method I'm using for the bruteforce attack is targeting only one username per Intruder attack.

Select Brute forcer from the Payload type dropdown and then set the length of the password and the character set you would like to use.

Burp Intruder Brute forcer

In order to specify the username you would like to brute-force you need to set Payload processing rule. Add new rule with name Brute force.

Burp Intruder Add Prefix

Add another rule to encode the payload using Base64. And finally remove = from the list of symbols subject of URL encoding.

Burp Suite Bruteforce Attack Settings

Done! You can start the Intruder attack!

[>] Automated Security Analyser for ASP.NET Websites

<https://asafaweb.com>