

Authentication and Authorization Attacks

HTTP Basic Authentication



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HTTP Basic Authentication

- The current brute force script we wrote is not quite usable in the wild
- Try to add some additional features to it
- Multi-threading is more useful than anything else in a Brute Force attack, so add this option to the script
 - You can find HTTP Basic Auth brute forcer code in [Chapter 8 tools](#)



HTTP Basic Authentication - Solution

- Combine the basic script with a multi threaded Python script
- Result will be something like:
 - <https://exdemy.com/advanced-web-hacking/attachment/chapter08-sample-multithread-bruteforcer.py>
- In the script above you can increase the number of threads in line 51

```
username = "admin"
passwords = ["123", "abc", "abc123", "efgh321", "987654", "1234", "123456", "adm12", "admin", "manager", "manage123", "abcd.efg"]

class WorkerThread(threading.Thread):

    def __init__(self, queue, tid):
        pass

    def auth_get(self, url, user, pw):
        pass

    def run(self):
        pass

queue = Queue.Queue()

threads = []
for i in range(1, 40): # Number of threads
    worker = WorkerThread(queue, i)
    worker.setDaemon(True)
    worker.start()
    threads.append(worker)

queue.put(username) # Push username onto queue

queue.join()

# wait for all threads to exit

for item in threads:
    item.join()
```

What you want to run in each thread

How a multi thread script look like?



Exdemy.com
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