

DATE: 8 JULY 2025

DAY: TUESDAY

DAY 13 – Writing Timing Attack Script (Python)

LEARNING OBJECTIVES:-

- Develop Python automation for timing measurement.
- Implement brute-force prefix testing.

Overview:-

Day 13 introduced practical automation of timing measurements using Python. The script repeatedly sent login requests and recorded microsecond response times.

Activites:-

- Used time.perf_counter() for precise measurement.
- Sent multiple requests and logged results.

Insights:-

- Realized importance of large sample size.
- Understood timing fluctuation in networks.