

**DATE: 10 JULY 2025**

**DAY: THURSDAY**

## **DAY 15 – Timing Attack in Unstable Networks**

### **LEARNING OBJECTIVES:-**

- Test attack reliability under noisy conditions.
- Improve data accuracy using averaging.

### **Overview:-**

Day 15 introduced timing attack testing using a high-jitter network such as mobile hotspot. This demonstrated how unstable connections affect side-channel readings.

### **Activites:-**

- Ran attack script multiple times over hotspot.
- Averaged results to remove noise.

### **Insights:-**

- Understood limitations of timing attacks.
- Learned statistical methods improve precision.