Assignment – 2

CSE -291

Purvi Agrawal (A59010787)

Discussion Question 1: How many addresses need to be flushed at the first step?

The shared memory [4086*offset] accessed by kernel pseudo code. The offset here represents a character. As, the ASCII value of characters vary between –128 to 127. But here we are using 0 to 127 ASCII value only, so, I flushed 256 addresses.

Discussion Question 2: Now assume the attacker and victim no longer share a memory region. Would your attack still work? If not, changes could you need to make to make it work?

As in the case with Flush and Reload attack the victim and attacker should have a shared memory region. So, no shared memory, the attack won't work.

Alternatively, we can implement Prime + Probe attack given that the victim and attacker share the same cache.