





# Meltdown basically works like this:

1. READ secret from forbidden address
2. Stash away secret before CPU detects wrongdoing
3. Retrieve secret



**MELTDOWN**

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## MELTDOWN



"Stashing" and "retrieving" the secret works via *side channels*.

Side channels are *observable side effects* of actions.

- READ secret from forbidden address
- Stash away secret by caching a memory location that depends on the secret
- Retrieve secret by finding which memory location is cached

## MELTDOWN



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