



Codefest
code scene investigation



The Beta Team

MD5 Brute Decrypter

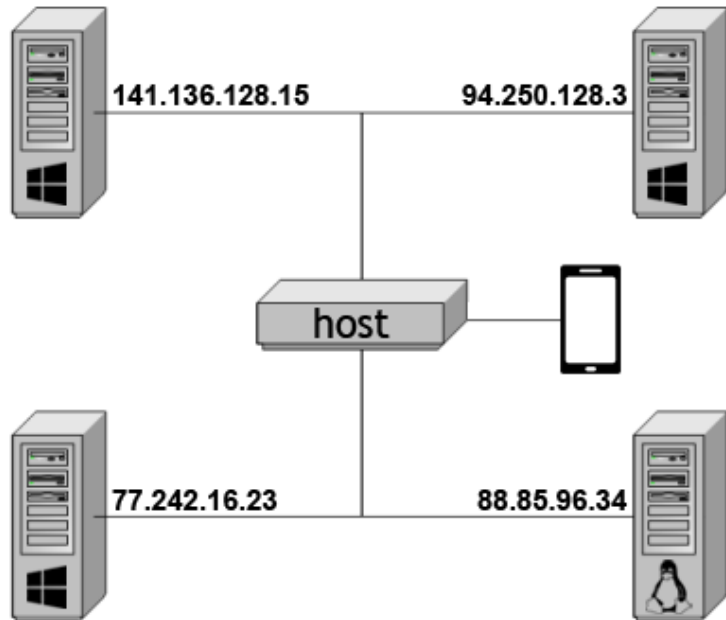
codefest

b004fb27a8dd47fd05f410512e3867f4

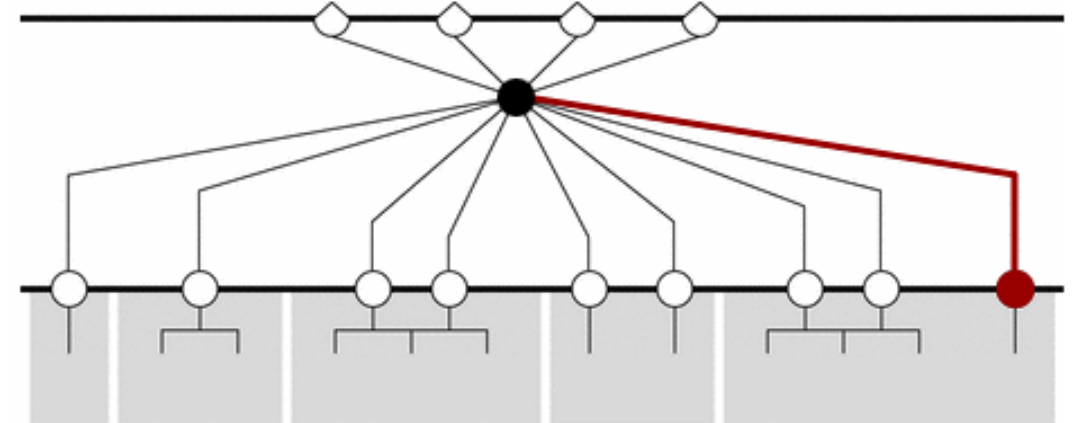


- Brute-force attack (or exhaustive key search)
- Parallelization
- Multithreading

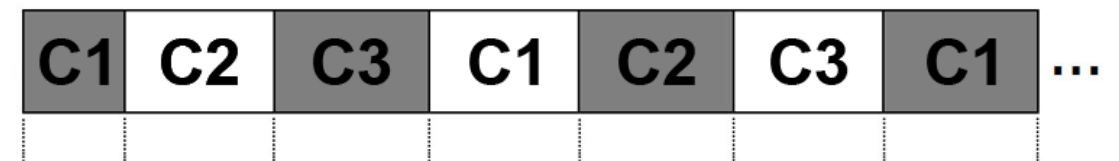
1. External Communication

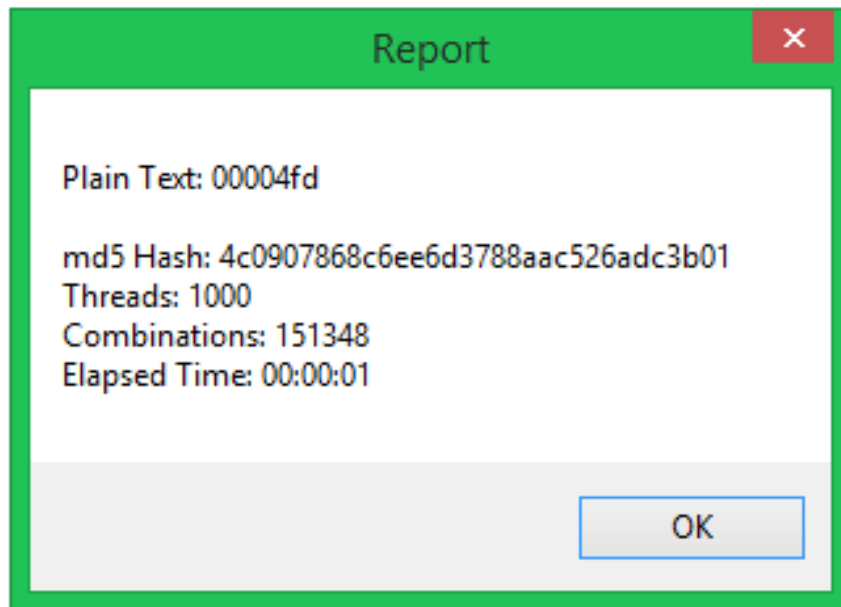


2. Internal Synchronization

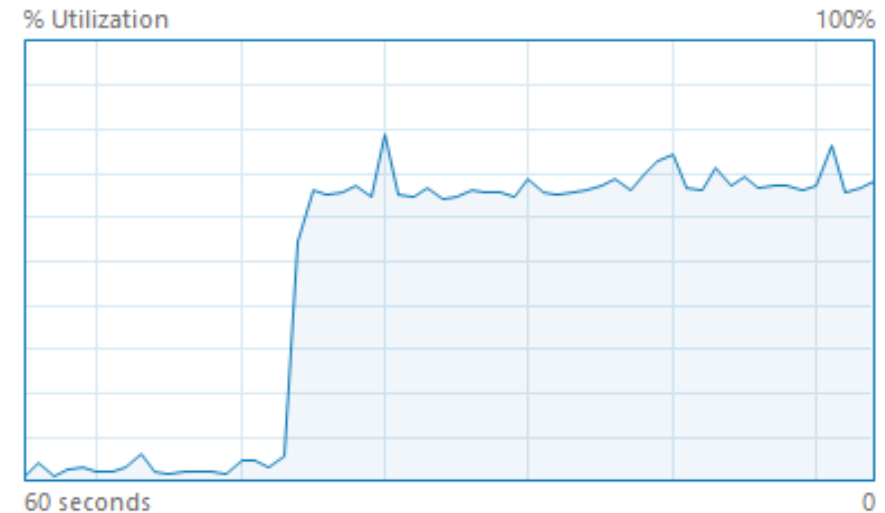


3. Range Skipping





CPU Intel(R) Core(TM) i5-3230M CPU @ 2.60GHz



Utilization	Speed	Maximum speed:	2,60 GHz
68%	2,99 GHz	Sockets:	1
Processes	Threads	Cores:	2
96	2148	Logical processors:	4
Up time	Handles	Virtualization:	Enabled
0:08:51:35	42793	L1 cache:	128 KB
		L2 cache:	512 KB
		L3 cache:	3,0 MB