

Network Security

Week 1

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Password cracking

- Password is stored not in a plaintext but in a hashed form.
- Hash function is oneway and you cannot inverse it.
 - $Y = \text{Hash}(X)$, where X cannot be found easily from Y .
- You are given a file that has one million hashed passwords.
- You have to find out passwords as many as possible.
- The hash function is MD5.

