

Jimmy Benjamin

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CYSE 270

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Step 1:

```
File Actions Edit View Help
(jimmy_benjamin_009@kali)-[~]
└─$ sudo useradd user1
[sudo] password for jimmy_benjamin_009:
(jimmy_benjamin_009@kali)-[~]
└─$ sudo passwd user1
New password:
Retype new password:
passwd: password updated successfully
(jimmy_benjamin_009@kali)-[~]
└─$ sudo useradd user2
(jimmy_benjamin_009@kali)-[~]
└─$ sudo passwd user2
New password:
Retype new password:
passwd: password updated successfully
(jimmy_benjamin_009@kali)-[~]
└─$ sudo useradd user3
[sudo] password for jimmy_benjamin_009:
(jimmy_benjamin_009@kali)-[~]
└─$ sudo passwd user3
New password:
Retype new password:
passwd: password updated successfully
(jimmy_benjamin_009@kali)-[~]
└─$ sudo useradd user4
(jimmy_benjamin_009@kali)-[~]
└─$ sudo passwd user4
New password:
Retype new password:
passwd: password updated successfully
(jimmy_benjamin_009@kali)-[~]
└─$ sudo useradd user5
(jimmy_benjamin_009@kali)-[~]
└─$ sudo passwd user5
New password:
Retype new password:
passwd: password updated successfully
(jimmy_benjamin_009@kali)-[~]
└─$ sudo useradd user6
(jimmy_benjamin_009@kali)-[~]
└─$ sudo passwd user6
New password:
Retype new password:
passwd: password updated successfully
```

Passwords: 1: lucky, 2: 1862, 3: lucky1234, 4: dog67!, 5: cat81, 6: KiNg19\$

Step 2:

```
jimmy_benjamin_009@kali: ~  
File Actions Edit View Help  
(jimmy_benjamin_009@kali)-[~]  
└─$ sudo grep -E "user1|user2|user3|user4|user5|user6" /etc/shadow  
[sudo] password for jimmy_benjamin_009:  
user1:$y$j9T$5K/7Dm9Unk4L9IrEcPcRc/$Pz/ekUeqXVW.c9ugjxPTr5.dPstEtc7fQbncqzYVknC:20367:0:99999:7:::  
user2:$y$j9T$eoRvxvmlnVZg7JgC.sr4S.$ZrnirVLkAoiIqaJj/DlbC6aYQz.6pV.VGrzvn0uk1G3:20367:0:99999:7:::  
user3:$y$j9T$1mCcutZ7ggoyuhGEcr4Y1$dV7zM2oIqxHyCEidfjhQgYBxaQRaaI4.G1ymQ/UWjD7:20367:0:99999:7:::  
user4:$y$j9T$01rgXDGBR5hX0FlQvuF6h.$E9vnYXFqGZLIktB0gZtcpo310GgjFclVgbFLJy7HDU7:20367:0:99999:7:::  
user5:$y$j9T$eniUTrTZvc23eOzXVw/8U/$/en0iT43N7TvEsPUYY5iSNn.ytxGme9fwjhd7bIguCA:20367:0:99999:7:::  
user6:$y$j9T$ic9yRwa6eF816rdIY..0v1$VuvRDMQxqGwfpv8C0IHuXnvK06gkqCu6os462RtzErA:20367:0:99999:7:::  
  
(jimmy_benjamin_009@kali)-[~]  
└─$ touch jbenj009.hash  
  
(jimmy_benjamin_009@kali)-[~]  
└─$ sudo grep -E "user1|user2|user3|user4|user5|user6" /etc/shadow > jbenj009.hash
```

Step 3:

```
(jimmy_benjamin_009@kali)-[~]  
└─$ sudo john --format=crypt jbenj009.hash --wordlist=/home/jimmy_benjamin_009/rockyou.txt  
Created directory: /root/.john  
Using default input encoding: UTF-8  
Loaded 6 password hashes with 6 different salts (crypt, generic crypt(3) [?/64])  
Cost 1 (algorithm [1:descrypt 2:md5crypt 3:sunmd5 4:bcrypt 5:sha256crypt 6:sha512crypt]) is 0 for all loaded hashes  
Cost 2 (algorithm specific iterations) is 1 for all loaded hashes  
Press 'q' or Ctrl-C to abort, almost any other key for status  
lucky (user1)  
1g 0:00:03:16 0.01% (ETA: 2025-10-27 20:18) 0.005094g/s 9.291p/s 50.86c/s 50.86C/s cristiano..hercules  
1g 0:00:06:54 0.02% (ETA: 2025-10-27 07:12) 0.002414g/s 9.734p/s 50.75c/s 50.75C/s musical..pancake
```