

Challenge

9 Solves

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Hash Me, If you Can!

472

Misc

Easy

"We intercepted the following password hash:
2212e01ddbc681e7930e308a27aec679d1ccf36baa26ebe
c2d43d24813bfa4be. We know the password format:
<minion name>-<Voice Actor First name> EX: Bob-
Steve" "When you find the password, wrap it in sillyCTF{}."

Flag

Submit

Hash given: 2212e01ddbc681e7930e308a27aec679d1ccf36baa26ebec2d43d24813bfa4be

Based on my research this is the **minion name** and **voice actor first name**.

Minion Name	Voice Actor First Name
Bob	Steve
Kevin	Pierre
Stuart	Jon
Dave	Jemaine
Otto	Julie
Carl	Sandra
Jerry	Trey
Tim	Danny
Mark	Michael
Phil	Miranda
Tom	Russell
Lance	Will
Ken	Benjamin
Mike	John
Josh	Lucy
Chris	Scarlett
Paul	Jean
Donny	Dana
Frank	Allison
Norbert	

Ask my best friend to create script brute force sha256 match with the hash:

```
import hashlib
import itertools

# Target hash
```

```

target_hash =
"2212e01ddbc681e7930e308a27aec679d1ccf36baa26ebec2d43d24813bfa4be"

# Expanded list of minion names (including obscure ones)
minions = [
    "Bob", "Kevin", "Stuart", "Dave", "Otto", "Carl", "Jerry", "Tim", "Mark", "Phil", "Tom", "Lance",
    "Ken", "Mike", "Josh", "Chris", "Paul", "Donny", "Frank", "Norbert"
]

# Expanded list of voice actors or related names
voice_actors = [
    "Steve", "Pierre", "Jon", "Jemaine", "Julie", "Sandra", "Trey", "Danny", "Michael", "Miranda",
    "Russell", "Will", "Benjamin", "John", "Lucy", "Scarlett", "Jean", "Dana", "Allison"
]

# Possible formatting options
formats = [
    lambda m, a: f"{m}-{a}",
    lambda m, a: f"{m.lower()}-{a.lower()}",
    lambda m, a: f"{m.upper()}-{a.upper()}",
    lambda m, a: f"{a}-{m}",
    lambda m, a: f"{a.lower()}-{m.lower()}",
    lambda m, a: f"{m}_{a}",
    lambda m, a: f"{m}{a}",
]

# Try all combinations with different formats
found = None
for minion, actor in itertools.product(minions, voice_actors):
    for fmt in formats:
        combo = fmt(minion, actor)
        hashed = hashlib.sha256(combo.encode()).hexdigest()
        if hashed == target_hash:
            found = combo
            break
    if found:
        break

# Return the flag
flag = f"sillyCTF{{{found}}}" if found else "No match found."
print(flag)

```

```

(nyamuk@nyamuk) - [~/Downloads]
$ python3 minionHash.py
sillyCTF{Lance-Benjamin}

```

Flag: sillyCTF{Lance-Benjamin}