

Rainbow Tables Countermeasures

Do NOT use simple hashed passwords but only **salted** hash passwords!

- The **salt** is a randomly generated string for each password, which is not secret.
- It is combined with the password and added to the hashing process to force the uniqueness of the output hash.

mark:\$6\$8bitSfhh\$n.IKyNQr7Da6aT4nF0ngH0Mkgj.oJY.TjzoahWD3nWGP9qwNpe1EU0Xf0bz5oduc.YST6A0zJf5nULPYIK/ev1:18281:0:99999:7:::

- 6 - Hash algorithm
- 8bitSfhh - SALT
- n.IKyNQr7Da6aT4nF0ngH0Mkgj.oJY.TjzoahWD3nWGP9qwNpe1EU0Xf0bz5oduc.YST6A0zJf5nULPYIK/ev1 - Hash of the password and the salt