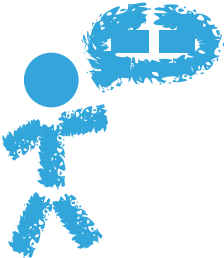


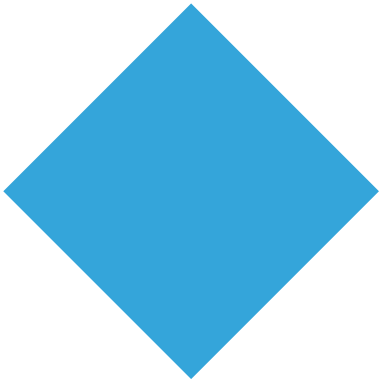


Migrate passwords to new hashing scheme at login time

GOODCRYPTOGRAPHY

USEFUL: Migrate Passwords





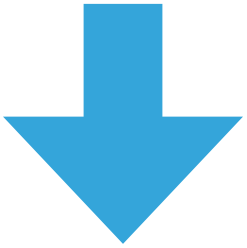
CONTINUE LOGIN



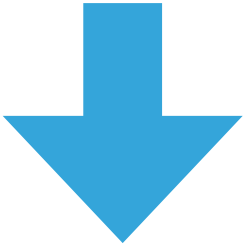
LOGIN

PASSWORD

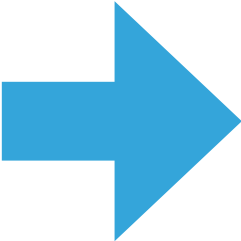
USER



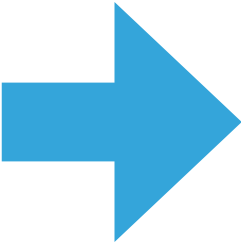




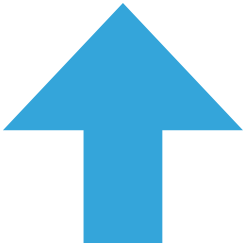
VALIDATE PASSWORD



**HASH PWD WITH
NEW ALGORITHM**

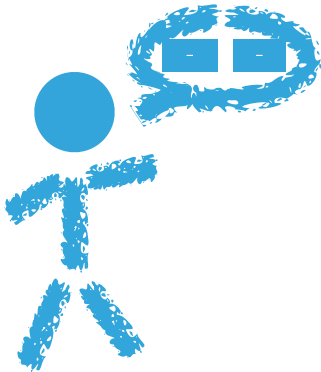


STORE NEW HASH

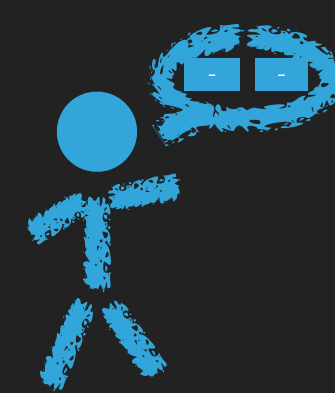
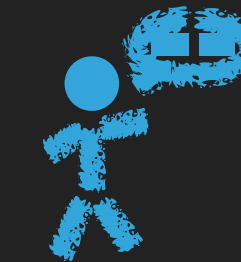




**Online migration of passwords
to a new hashing scheme**



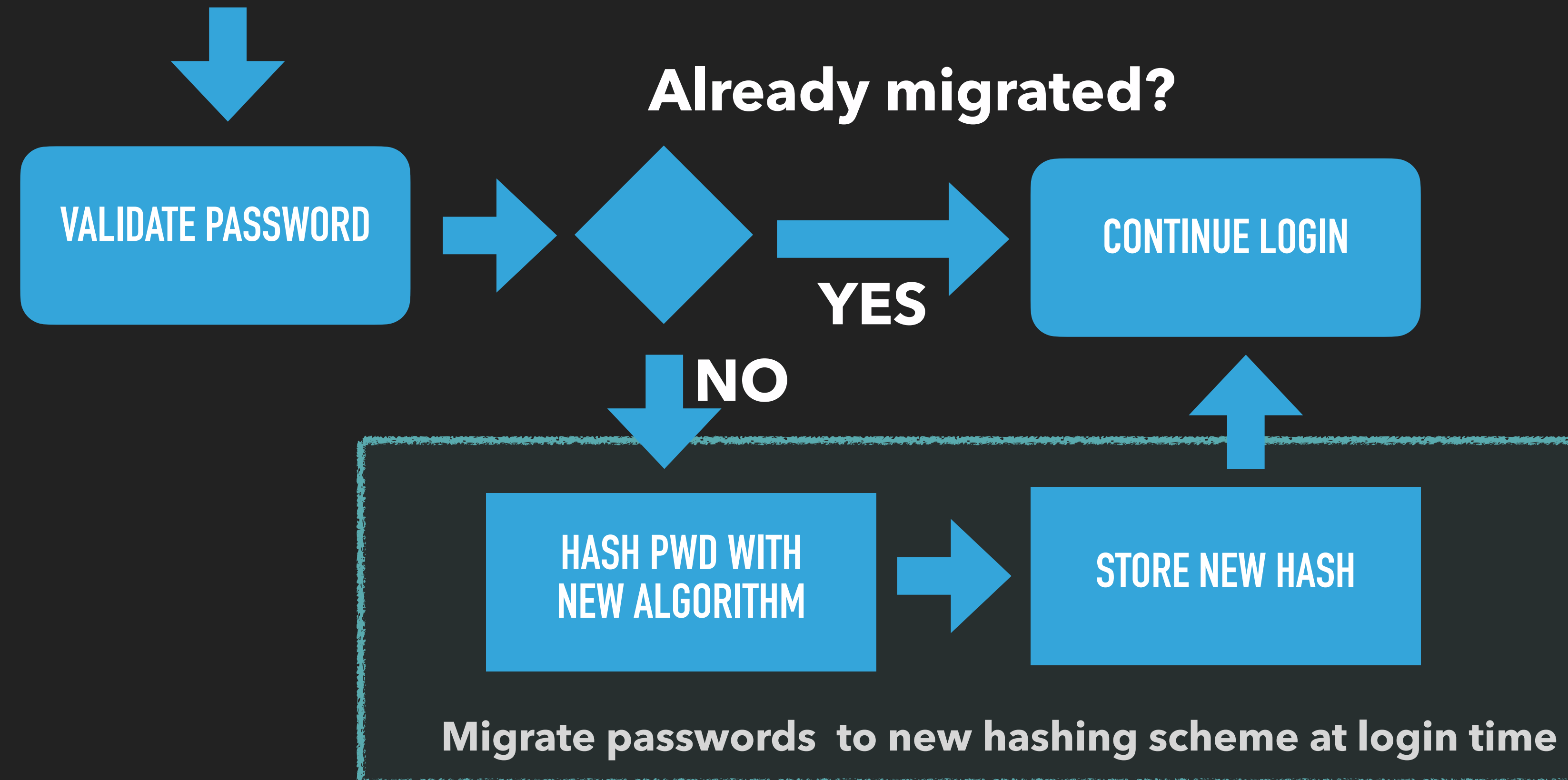
USER LOGIN: MIGRATE PASSWORDS



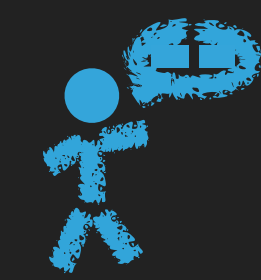
LOGIN

USER
PASSWORD

- Online migration of passwords to a new hashing scheme



USER LOGIN: MIGRATE PASSWORDS



User	Algorithm	Hash	Last Login
SCOTT	PBKDF2(PWD)	3959dc9...	Now
PETER	MD5(PWD)	...	2 years ago
...	MD5(PWD)	...	4 months ago
...	MD5(PWD)
...	MD5(PWD)
...	MD5(PWD)