



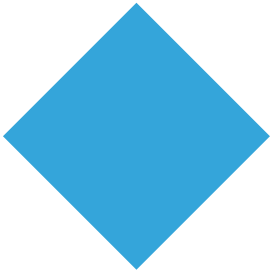
JENNER





USER LOGIN: MIGRATE PASSWORDS





DONE

PWWHASH

USER







**HASH THE HASH WITH
NEW ALGORITHM**



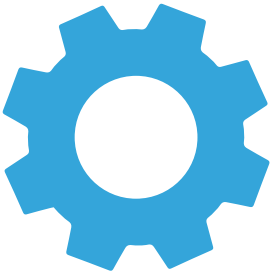
STORE NEW HASH





Offline migration of passwords to new hashing scheme

▶ **Offline migrate passwords
to new hashing schemes
without user interaction**



USER LOGIN: MIGRATE PASSWORDS



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

USER LOGIN: MIGRATE PASSWORDS

