



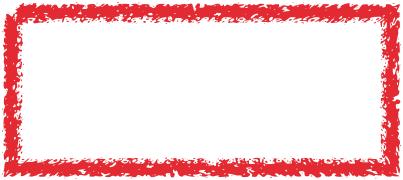
### JENS NEUHALFEN

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)	• • •	• • •

### SLEEP BETTER WITH CONTENT ENCRYPTION

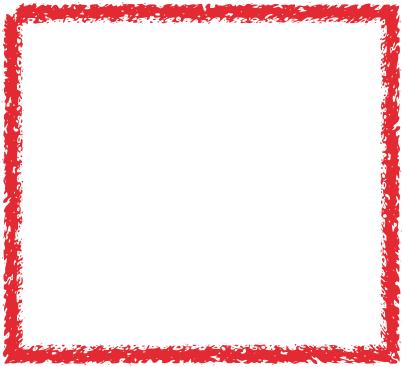
### **USER LOGIN: MIGRATE PASSWORDS**





# How to migrate passwords of users that do not login frequently?





## **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)	•••	A Commence of the Commence of
	MD5(PWD)	•••	•••
	MD5(PWD)	•••	•••

How to migrate passwords of users that do not login frequently?

# **USER LOGIN: MIGRATE PASSWORDS USER JOB** YES **Already** DONE migrated? HASH THE HASH WITH STORE NEW HASH **NEW ALGORITHM** Offline migration of passwords to new hashing scheme