Scripts SQL

Créer une fonction SHA512 dans Mysql/MariaDB compatible avec Lemonldap-ng

```
delimiter //

CREATE FUNCTION SHA512 (password VARCHAR(40)) RETURNS VARCHAR(128)
DETERMINISTIC
BEGIN
  RETURN SHA2(UNHEX(pass), 512);
END
//
```

Créer une fonction SSHA512 (salted) dans Mysql/MariaDB

```
CREATE FUNCTION SSHA512 (password VARCHAR(40)) RETURNS VARCHAR(200)
BEGIN
  DECLARE salt VARCHAR(16);
  DECLARE i INT;

  # Generate 16 digits hex salt
  SET salt = '';
  SET i = 0;
  REPEAT
    SET i = i + 1;
    SET salt = CONCAT(salt, SUBSTRING('0123456789ABCDEF',
FLOOR(RAND()*16+1), 1));
  UNTIL i = 16 END REPEAT;

  RETURN
    CONCAT('{SSHA512}',
           TO_BASE64(UNHEX(CONCAT(
               SHA512(CONCAT(HEX(pass), salt)),
               salt
           )))
    );

END
```

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