



Full credit is given to the above companies including the OS that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'SRP_user_pwd_set_gN.3oss1'

\$ man SRP_user_pwd_set_gN.3oss1

SRP_USER_PWD_NEW(3oss1) OpenSSL SRP_USER_PWD_NEW(3oss1)

NAME

SRP_user_pwd_new, SRP_user_pwd_free, SRP_user_pwd_set1_ids,
SRP_user_pwd_set_gN, SRP_user_pwd_set0_sv - Functions to create a
record of SRP user verifier information

SYNOPSIS

```
#include <openssl/srp.h>
```

The following functions have been deprecated since OpenSSL 3.0, and can
be hidden entirely by defining OPENSSL_API_COMPAT with a suitable
version value, see openssl_user_macros(7):

```
SRP_user_pwd *SRP_user_pwd_new(void);  
void SRP_user_pwd_free(SRP_user_pwd *user_pwd);
```

```
int SRP_user_pwd_set1_ids(SRP_user_pwd *user_pwd, const char *id, const char *info);
```

```
void SRP_user_pwd_set_gN(SRP_user_pwd *user_pwd, const BIGNUM *g, const BIGNUM *N);  
int SRP_user_pwd_set0_sv(SRP_user_pwd *user_pwd, BIGNUM *s, BIGNUM *v);
```

DESCRIPTION

All of the functions described on this page are deprecated. There are no available replacement functions at this time.

The `SRP_user_pwd_new()` function allocates a structure to store a user verifier record.

The `SRP_user_pwd_free()` function frees up the `user_pwd` structure. If `user_pwd` is `NULL`, nothing is done.

The `SRP_user_pwd_set1_ids()` function sets the username to `id` and the optional user info to `info` for `user_pwd`. The library allocates new copies of `id` and `info`, the caller still owns the original memory.

The `SRP_user_pwd_set0_sv()` function sets the user salt to `s` and the verifier to `v` for `user_pwd`. The library takes ownership of the values, they should not be freed by the caller.

The `SRP_user_pwd_set_gN()` function sets the SRP group parameters for `user_pwd`. The memory is not freed by `SRP_user_pwd_free()`, the caller must make sure it is freed once it is no longer used.

RETURN VALUES

`SRP_user_pwd_set1_ids()` returns 1 on success and 0 on failure or if `id` was `NULL`.

`SRP_user_pwd_set0_sv()` returns 1 if both `s` and `v` are not `NULL`, 0 otherwise.

openssl-srp(1), SRP_create_verifier(3), SRP_VBASE_new(3),
SSL_CTX_set_srp_password(3)

HISTORY

These functions were made public in OpenSSL 3.0 and are deprecated.

COPYRIGHT

Copyright 2018-2021 The OpenSSL Project Authors. All Rights Reserved.

Licensed under the Apache License 2.0 (the "License"). You may not use
this file except in compliance with the License. You can obtain a copy
in the file LICENSE in the source distribution or at
<<https://www.openssl.org/source/license.html>>.

3.0.7 2023-07-13 SRP_USER_PWD_NEW(3ossl)