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Rocky Enterprise Linux 9.2 Manual Pages on command 'DH_new.3ossl'

\$ man DH_new.3ossl

DH_NEW(3ossl) OpenSSL DH_NEW(3ossl)

NAME

DH_new, DH_free - allocate and free DH objects

SYNOPSIS

```
#include <openssl/dh.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):

```
DH* DH_new(void);
```

```
void DH_free(DH *dh);
```

DESCRIPTION

DH_new() allocates and initializes a DH structure.

DH_free() frees the DH structure and its components. The values are erased before the memory is returned to the system. If dh is NULL nothing is done.

RETURN VALUES

If the allocation fails, DH_new() returns NULL and sets an error code that can be obtained by ERR_get_error(3). Otherwise it returns a pointer to the newly allocated structure.

DH_free() returns no value.

SEE ALSO

DH_new(3), ERR_get_error(3), DH_generate_parameters(3),
DH_generate_key(3), EVP_PKEY-DH(7)

HISTORY

All of these functions were deprecated in OpenSSL 3.0.

For replacement see EVP_PKEY-DH(7).

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