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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'EVP\_PKEY\_CTX\_set1\_pbe\_pass.3ossl'***

***\$ man EVP\_PKEY\_CTX\_set1\_pbe\_pass.3ossl***

EVP\_PKEY\_CTX\_SET1\_PBE\_PASS(3ossl) OpenSSL EVP\_PKEY\_CTX\_SET1\_PBE\_PASS(3ossl)

#### NAME

EVP\_PKEY\_CTX\_set1\_pbe\_pass - generic KDF support functions

#### SYNOPSIS

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

```
int EVP_PKEY_CTX_set1_pbe_pass(EVP_PKEY_CTX *pctx, unsigned char *pass,  
int passlen);
```

#### DESCRIPTION

These functions are generic support functions for all KDF algorithms.

EVP\_PKEY\_CTX\_set1\_pbe\_pass() sets the password to the passlen first bytes from pass.

There is also support for string based control operations via `EVP_PKEY_CTX_ctrl_str(3)`. The password can be directly specified using the type parameter "pass" or given in hex encoding using the "hexpass" parameter.

## RETURN VALUES

All these functions return 1 for success and 0 or a negative value for failure. In particular a return value of -2 indicates the operation is not supported by the public key algorithm.

## SEE ALSO

`EVP_PKEY_CTX_new(3)`, `EVP_PKEY_CTX_ctrl_str(3)`, `EVP_PKEY_derive(3)`

## HISTORY

`EVP_PKEY_CTX_set1_pbe_pass()` was converted from a macro to a function in OpenSSL 3.0.

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3.0.7                    2023-07-13 `EVP_PKEY_CTX_SET1_PBE_PASS(3oss)`