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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'EVP\_PKEY\_CTX\_set1\_pbe\_pass.3oss!' command**

```
$ man EVP_PKEY_CTX_set1_pbe_pass.3oss!
```

```
EVP_PKEY_CTX_SET1_PBE_PASS(3oss!) OpenSSL EVP_PKEY_CTX_SET1_PBE_PASS(3oss!)
```

### 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.

### STRING CTRLS

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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