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***Rocky Enterprise Linux 9.2 Manual Pages on command 'DSA\_free.3ossl'***

***\$ man DSA\_free.3ossl***

DSA\_NEW(3ossl)                      OpenSSL                      DSA\_NEW(3ossl)

**NAME**

DSA\_new, DSA\_free - allocate and free DSA objects

**SYNOPSIS**

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

```
DSA* DSA_new(void);
```

```
void DSA_free(DSA *dsa);
```

**DESCRIPTION**

All of the functions described on this page are deprecated.

Applications should instead use `EVP_PKEY_new(3)` and `EVP_PKEY_free(3)`.

`DSA_new()` allocates and initializes a DSA structure. It is equivalent to calling `DSA_new_method(NULL)`.

`DSA_free()` frees the DSA structure and its components. The values are erased before the memory is returned to the system. If `dsa` is `NULL` nothing is done.

## RETURN VALUES

If the allocation fails, `DSA_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.

`DSA_free()` returns no value.

## SEE ALSO

`EVP_PKEY_new(3)`, `EVP_PKEY_free(3)`, `DSA_new(3)`, `ERR_get_error(3)`,  
`DSA_generate_parameters(3)`, `DSA_generate_key(3)`

## HISTORY

All of these functions were deprecated in OpenSSL 3.0.

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