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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'EVP\_sha1.3oss1'***

***\$ man EVP\_sha1.3oss1***

EVP\_SHA1(3oss1)                      OpenSSL                      EVP\_SHA1(3oss1)

#### NAME

EVP\_sha1 - SHA-1 For EVP

#### SYNOPSIS

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

```
const EVP_MD *EVP_sha1(void);
```

#### DESCRIPTION

SHA-1 (Secure Hash Algorithm 1) is a cryptographic hash function standardized in NIST FIPS 180-4. The algorithm was designed by the United States National Security Agency and initially published in 1995.

EVP\_sha1()

The SHA-1 algorithm which produces a 160-bit output from a given input.

## RETURN VALUES

These functions return a `EVP_MD` structure that contains the implementation of the message digest. See `EVP_MD_meth_new(3)` for details of the `EVP_MD` structure.

## CONFORMING TO

NIST FIPS 180-4.

## SEE ALSO

`evp(7)`, `EVP_DigestInit(3)`

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`EVP_SHA1(3ossl)`