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***Rocky Enterprise Linux 9.2 Manual Pages on command 'EVP\_SIGNATURE-HMAC.7ssl'***

***\$ man EVP\_SIGNATURE-HMAC.7ssl***

EVP\_SIGNATURE-HMAC(7SSL)                      OpenSSL                      EVP\_SIGNATURE-HMAC(7SSL)

**NAME**

EVP\_SIGNATURE-HMAC, EVP\_SIGNATURE-Siphash, EVP\_SIGNATURE-Poly1305, EVP\_SIGNATURE-CMAC -  
The legacy EVP\_PKEY MAC signature implementations

**DESCRIPTION**

The algorithms described here have legacy support for creating MACs using EVP\_DigestSignInit(3) and related functions. This is not the preferred way of creating MACs. Instead you should use the newer EVP\_MAC\_init(3) functions. This mechanism is provided for backwards compatibility with older versions of OpenSSL.

The same signature parameters can be set using EVP\_PKEY\_CTX\_set\_params() as can be set via EVP\_MAC\_CTX\_set\_params() for the underlying EVP\_MAC. See EVP\_MAC-HMAC(7), EVP\_MAC-Siphash(7), EVP\_MAC-Poly1305(7) and EVP\_MAC-CMAC(7) for details.

See L<EVP\_PKEY-HMAC(7)>, L<EVP\_PKEY-Siphash(7)>, L<EVP\_PKEY-Poly1305(7)> or L<EVP\_PKEY-CMAC(7)> for details about parameters that are supported during the creation of an EVP\_PKEY.

**SEE ALSO**

EVP\_MAC\_init(3), EVP\_DigestSignInit(3), EVP\_PKEY-HMAC(7), EVP\_PKEY-Siphash(7),  
EVP\_PKEY-Poly1305(7), EVP\_PKEY-CMAC(7), EVP\_MAC-HMAC(7), EVP\_MAC-Siphash(7),

EVP\_MAC-Poly1305(7), EVP\_MAC-CMAC(7), provider-signature(7),

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