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### OpenSSL Version and Library Files Available for Each Version of SAS

SAS Version	OpenSSL Version	Library Files
9.4 - 9.4M5b hot fixes	1.0.2n	libcrypto.so.1.0.0, libssl.so.1.0.0
9.3 - 9.3M2 hot fixes	1.0.2n	libcrypto.so.1.0.0, libssl.so.1.0.0
9.2M3 hot fix	0.9.8zh	not applicable

The OpenSSL libraries supplied by SAS for 9.4 and 9.3 on the UNIX platform are external libraries. You can use OpenSSL to compile your own libraries. In SAS 9.2, the libraries for use with OpenSSL are not external.

The OpenSSL libraries shipped with SAS for UNIX are not FIPS 140-2 compliant. However, you can compile a FIPS 140-2 compliant version of OpenSSL and install it.

**Note:** Different operating systems require the use of different library file extensions. For example, HPUX, Linux, and Solaris use libcrypto.so.1.0.0 and libssl.so.1.0.0. AIX uses libcrypto.so and libssl.so. Refer to your operating system vendor documentation when using the vendor's OpenSSL libraries. There might be additional procedures that need to be followed to make the libraries work properly in your environment.

See <http://support.sas.com/security/openssl-security-advisories.html> for the latest information about OpenSSL security advisories under consideration for software fixes for SAS components.