

To specify the encryption ciphers for the server, set the `ssl_cipher` system variable.

- `--ssl-crl=file_name`

The path name of the file containing certificate revocation lists in PEM format.

If neither `--ssl-crl` nor `--ssl-crlpath` is given, no CRL checks are performed, even if the CA path contains certificate revocation lists.

To specify the revocation-list file for the server, set the `ssl_crl` system variable.

- `--ssl-crlpath=dir_name`

The path name of the directory that contains certificate revocation-list files in PEM format.

If neither `--ssl-crl` nor `--ssl-crlpath` is given, no CRL checks are performed, even if the CA path contains certificate revocation lists.

To specify the revocation-list directory for the server, set the `ssl_crlpath` system variable.

- `--ssl-fips-mode={OFF|ON|STRICT}`

Controls whether to enable FIPS mode on the client side. The `--ssl-fips-mode` option differs from other `--ssl-xxx` options in that it is not used to establish encrypted connections, but rather to affect which cryptographic operations to permit. See [Section 6.8, “FIPS Support”](#).

These `--ssl-fips-mode` values are permissible:

- `OFF`: Disable FIPS mode.
- `ON`: Enable FIPS mode.
- `STRICT`: Enable “strict” FIPS mode.



Note

If the OpenSSL FIPS Object Module is not available, the only permissible value for `--ssl-fips-mode` is `OFF`. In this case, setting `--ssl-fips-mode` to `ON` or `STRICT` causes the client to produce a warning at startup and to operate in non-FIPS mode.

To specify the FIPS mode for the server, set the `ssl_fips_mode` system variable.

- `--ssl-key=file_name`

The path name of the client SSL private key file in PEM format. For better security, use a certificate with an RSA key size of at least 2048 bits.

If the key file is protected by a passphrase, the client program prompts the user for the passphrase. The password must be given interactively; it cannot be stored in a file. If the passphrase is incorrect, the program continues as if it could not read the key.

To specify the server SSL private key file, set the `ssl_key` system variable.