4.6 ?????????????

Windows ???SoftEther VPN Client????????????????PKI???????????????SoftEther VPN Client ?? ?1.5 ?????????? ??????????

4.6.1 ????????????????

??????????

??(?????????????????????) ????? ?PKI ???????????????? 2 ?????????????????????????????????????

- ?????????????????????????????????
- ???????????????? PKCS#11 ?????????????????????

???VPN Client ?? VPN Client ??? ?????????????????????????????????

??? ?????????? ???

???????????????

SoftEther VPN Client ???PKCS#11?????????????????????????????????

4.6.1 ??????????

?????????????????????????VPN ??????????????? [???????] ???????[??????????????] ????? ???????????[??????????] ?????????????????

???????????????????????? [OK] ???

?? SoftEther VPN Client ?????????????????

4-6-1.png

????????????????

4.6.3 ???????????????????

????????????????

?SoftEther VPN Client??? ?????????????????????????????????? ??????????????????????[???????] ?????? [????????????] ??????????

?????????????????????????????????????PIN ????????????????????????? PIN ?????????? ???????????????????????????

4-6-2.png

?????????????????

??

- **X.509 ????????????**
- **RSA ????????????**
- **????????? (???????)**

??????????????????

??? [????????] ??????????????????[?????? ??????] ????????????????????? [???]?[???] ??? [??????] ??????? [OK] ???????????????? ????????????

4-6-4.png

????????????????????????

??
??????????????????????????????????????

4-6-5.png

?????????????????????

???
??????? ?????????????? [?????????] ?????????????????????????

??????? RSA ?????????????????????????

[?????????????????????????] ?????????????????????????RSA ?????????????????????????????????
?? ?????????????????????????????????????
??????????

4-6-6.png

VPN ??????????????????????????????

VPN Server ???????????VPN ???????????????VPN ????????????????????????????????
????????VPN ????????????????????????????????????[????????????] ??????????????????

4.6.4 ??????????????????

??? ?[??????
?] ??

4.6.5 PIN ??????

?????????PIN ???????????????????????????? PIN ????????????[PIN ??????] ?????????????
???? PIN ????????? PIN ????????????????????????????PIN ????????????????????????????
??? PIN ??????????????????

4-6-7.png

???????? PIN ???????

4.6.6 ??????????? VPN Server ????

VPN Server ??????????????????????? [??????????] ?????????VPN Server ????????????????
??PIN ????????????????????????PIN ?????????????

4-6-8.png

?????????? PIN ???????

4.6.7 ???? PKCS#11 ? DLL ???????

SoftEther VPN Client ???Windows ????????????????????????????????? DLL ??????? ?????????????????????

???? PKCS#11 ? DLL ?????
DNPS9P11.DLL
EP1PK111.DLL
DNPFP11.DLL
ETPKCS11.DLL
F3EZSCL2.DLL
ASEPKCS.DLL
PK2PRIV.DLL
DSPKCS.DLL
JPKIPKCS11.DLL
P11STD9.DLL
P11STD9A.DLL
K1PK112.DLL
libmusclepkcs11.dll
aetpkss1.dll
LTPKCS11.dll
ep2pk11.dll
icardmodpk.dll
gtop11dotnet.dll
gtop11dotnet64.dll

PKCS#11 ????? DLL ??? ????????? DLL ???

32-bit ?????32-bit ???64-bit ?????64-bit ?? PKCS#11?????? DLL ?????????

4.6.8 ????

?SoftEther VPN???

- Windows ?? SoftEther VPN Client ????????????
- PKCS#11 ?????????????????????????????
- SoftEther VPN ??PKCS#11 ?? ???????????????? ?????????????????????????
- ?????????????????????SoftEther VPN ?????????????????????????????????????? ????????????????? PKI ?????????????????????

????

- 1.5 ?????????
- 6.5.9 "SecureList": ?????????????????????
- 6.5.10 "SecureSelect": ?????????????????
- 6.5.11 "SecureGet": ??????????????? ID ???
- 6.5.50 "AccountSecureCertSet": ?????????????????????????????