

????????????? VPN ?????????????????????? VPN ??????????????????????
??? VPN ?
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???
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SoftEther VPN ?????????????? VPN ?????????????? 2 ?????

????? VPN ???????SoftEther VPN ?????????????????????? 2 ??????????????SoftEther
VPN ?????? 2010 ??????????????????????????????????????SoftEther VPN ??????????????????????
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?????????????????????????SoftEther VPN ?????????????????? VPN ??????????????????????????????

2 ??????????SoftEther VPN ??? Windows?Linux?FreeBSD?Solaris ??? Mac OS X ??????
?? OS ????????????????????? OS ?????????????????????
??
Windows Update ? Linux ??????????????????????????????????SoftEther VPN ??????
SoftEther VPN ??? OS ?????????????????????????????????????OS ????????????? OS ??????????
?????????SoftEther VPN ????????????? OS ???
???????????????????????????????????? VPN ??????????????????????

SoftEther VPN ?????????????????? TCP/IP ??????????????????

SoftEther VPN Server ????????????????????????????????? TCP/IP ??? VPN ??????????????????????
???????????????????????????????????? TCP 443 (HTTPS ???) ??????

??TCP/IP ??????????????????????
??
????? VPN Server ? VPN ????????????????????????????? TCP/IP ?????????????????????????????????
???????????? OS ??? Windows ? Linux ?????? OS ?????????????????????????????????

3.2. ??????????????????????

SoftEther VPN ???

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

SoftEther VPN ?????????????????? HTTPS (HTTP over SSL) ??????????????????HTTP ??????
Web ?? HTTP ?????????????????????????????????
?? SSL ???

ss3.7_2.jpg

????? IP?TCP?UDP ??

3.8. ????????????

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

?????Ethernet ?????????????????????????? VPN ?????? DHCP ??????????????????????????DHCP
??? ARP ???????????????
???SoftEther VPN Server ??????????????
??????????????????

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IPv6 ??????????

VPN ????? IPv6 ???IPv6 ?? IPv4 ?????????????????????
????????IPv6 ?????????????????????????????????????SoftEther VPN Server ? IPv6 ?????????????????????????
????????????

3.9. VPN ?????????????????????????

???????????????????? HUB ??? VPN ?????????????????????????????
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???????????? VPN Client ?????????? Wireshark?Ethereal ??? IDS (? : snort) ?????????????????
???

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

VPN Server ???

IDS (????) ??????

?? IDS (Intrusion Detection System) ? VPN Server ???
HUB ?????????????????????????????????

[ss3.9.jpg](#)

Wireshark?tcpdump?snort ????????????????????????????????? HUB ?????????????????

3.10. ????????

VPN Server ??? HUB ??????????????VPN Server ?????????????????????????????????
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?????????? VPN ???

[ss3.10.jpg](#)

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