1.6 VPN ?????

?????SoftEther VPN ???? VPN ??????????????????SoftEther VPN ??? VPN ????????? ??????????????????????

1.6.1 VPN ?????????

SoftEther VPN ???VPN ???????? VPN Server ?????VPN ???????????? VPN ??????VPN ????????????????? VPN ???????VPN ????????????

?1.4 VPN ??????????? ???SoftEther VPN ???? Ethernet ?????? HUB ????????????????? HUB ????????????????????VPN ????????????????????????????????

???? LAN ?????????? HUB ????LAN ???????????????SoftEther VPN ??????? HUB ??? ?????????? LAN ?????? HUB ???????????????????? TCP/IP ?????SoftEther VPN ???? ???????????????????????????????? SoftEther VPN ????????? 1 ? 1 ??????? Ethernet ???? LAN ??????????????Ethernet ??????????????????????????

SoftEther VPN ???VPN Client ?? VPN Server ? VPN ?????????? HUB ?????????????? ??VPN ???????????????????????????? Ethernet ???????????????VPN ???? VPN Server ? ??? VPN ?? HUB ????????????????????? ??????DHCP ???????????????? VPN ??????????????????

VPN ?????????????????????????? ?3.4 ?? HUB ???? ???????????

1-6-1.png

?? HUB ????? VPN ??????????

????????????SoftEther VPN ????????????????? 7 ????????????????????????????????? ???????? HUB ??????????????????

??	??????	???
????????	**?????????????**	VPN Client ?????? VPN ?? SSTP ??? VPN ?? L2TP ??? VPN ?? OpenVPN ??? TUN ?? VPN ??
	???? / ??????????	VPN Client ???????/???????? VPN ?? VPN Server ?????????? VPN Bridge ?????????? EtherIP ??? VPN ?? L2TPv3 ??? VPN ?? OpenVPN ??? TAP ?? VPN ??
	?????????????	VPN Client ????????????? VPN ??
????????	**????????????**	VPN Server ????????????
	????????????	VPN Server ?????????? (?????????????????)
	SecureNAT ?????	VPN Server / VPN Bridge ?? SecureNAT ??
	????? 3 ?????????	VPN Server ??????? 3??????

1.6.2 VPN Server ??????????

SoftEther VPN Server ????SoftEther VPN Client?SoftEther VPN Server ??? SoftEther VPN Bridge ??? VPN ???????????????????

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

???????????????? VPN ???????????????? TCP/IP ????????????????????????????????? ??????? 3 ?? TCP/IP ????????????????

- 5555 ????(???????? SoftEther VPN ????????????????????5555?????????????)
- 443 ????(?????????HTTPS ????????????????????VPN ????????? TCP/IP ??????? HTTPS ??????????????????????????????????)
- 992 ???? (?????????TELNETS ??VPN ?????? ??? TCP/IP ??????? TELNETS ????????????????????????????????????)
- 1194 ???? (?????????OpenVPN ????????????????????????OpenVPN ??? TCP ?????????? ????????SoftEther VPN ? SSTP ??????????)

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

??????????????3.3 VPN Server ??? ?????????

1-6-2.png

VPN Server ? TCP/IP ???????

1.6.3 ?? HUB ????

?1.4 VPN ??????????? ????????????SoftEther VPN Server ??1 ????????????????? HUB ??????????????

VPN Server ? VPN ?????????????????? VPN Server ?????????? HUB ??? 1 ??????????? HUB ????????????

?? HUB ???????????????1.5 ?????????? ?????????????????????????????????????? HUB ? ??????????SoftEther VPN Server ?????????? HUB ?????????????????????????? HUB ??? ???VPN Server ??? VPN ?????????????? ?????VPN Server ??? HUB ?? VPN ??????????????VPN ????????????VPN ??????????

???????? HUB ?????????????? VPN ?????????? VPN Server ??????? VPN ?????? (Ethernet ????????) ?????????????????????????VPN ????????????SoftEther VPN ??????? ?????????????????? HUB ?????????????????????????? VPN ?????????????????VPN ? ?????????????????VPN ?????????????????

1-6-3.png

?? HUB ?????????????? VPN ????????????????

1.6.4 ???????????

SoftEther VPN ????????SoftEther VPN Server ? VPN ??????????????? (VPN ?????) ??? ?????????????????????????????TCP/IP ?? TCP/IP ?????????????????????? TCP/IP ????SSL (Secure Socket Layer)?????????????????????? ???????

SoftEther VPN Server ? VPN ?????????????????????????1 ?? VPN ??????????1 ?? TCP/IP ?? TCP/IP ?????????????????????? TCP/IP ????? ?? ???????????? TCP/IP ?????????????????????? (????????)?????????????????????????????????? ?2.1 VPN ???????? ??? ?4.4 VPN Server ??????? ???????????

SoftEther VPN ?????????????????????????????? SSL ?????????????????????????????????????? ?????????????????? ISDN?PHS ?? ?????????????????????????????????????2.1 VPN ???????? ??? ?4.4 VPN Server ??????? ???? ?????

???SoftEther VPN ??????? UDP/IP ?????????????????????UDP/IP ?????????????????????? TCP/IP ?????????????????????? UDP/IP ????UDP ?????????????????????????????? UDP/IP ? ?? NAT Traversal (NAT-T) ????????

1-6-4.png

VPN ??????????? Ethernet ???????

1.6.5 MAC ??????????

?? HUB ??VPN ??????????????? VPN ?????????????????????? HUB ??????????
Ethernet ????????????????????? MAC ????????????????? VPN ????????????????????????????????
???? HUB ????????????????? 2 ? Ethernet ???????????? (??????) ??????

?? HUB ?????????? HUB ????????? MAC ?????????????? MAC ????????? VPN ?????
???????????????????????????? Ethernet ????????????????? Ethernet ??????? MAC ??????????
?????????? VPN ????????????????????????????? Ethernet ???????????????? HUB ?????
???????SoftEther VPN ??? VPN ????????????????????

?? HUB ????? MAC ??
HUB ??????MAC ??

?? HUB ???? MAC ???????????MAC ??? Ethernet
?????? HUB ??????

1-6-5.png

?? HUB ??? VPN ?????? MAC ?????????

1.6.6 ?? VPN Server / VPN Client / VPN Bridge ????????

SoftEther VPN Server ????????????????? (localhost ?????????????????) SoftEther VPN ??SoftEther VPN Server?SoftEther VPN Client ??? SoftEther VPN Bridge ? 3 ??????? (???SoftEther VPN ????????????????????? ??)?

1-6-6.png

?? VPN Server / VPN Client / VPN Bridge ????????

3 ???????????? VPN ?????? SoftEtherVPN ??? ??????????????????????

SoftEther VPN Client ?????

SoftEther VPN Client ?????????????? HUB ????????????? LAN ?????????????????????? ???VPN ?????????????????????????????? VPN Client ??????????????? VPN Client ?????? ? VPN Server ?????????????????????????? LAN ???? VPN Server ????????? HUB ? VPN ?????????????????????????? HUB ? LAN ????? LAN ?????????????????????????????

???????????????VPN ???????????????? LAN ?????????????????????????????? LAN ????? ?????? 2 ???SoftEther 1.0 ???? ?????? HUB ????? LAN ?????????????????????????????????SoftEther VPN ???VPN Server ??? VPN Bridge ?? ??

SoftEther VPN Bridge ?????

?????????????? SoftEther VPN Bridge ???SoftEther VPN Server ???????????????????? VPN Server ?? VPN Bridge ?? 2 ???? HUB ?????????????????? LAN ???????????????? ????2 ????? VPN ?????????????????????? VPN ????????????

SoftEther VPN Bridge ???????5. SoftEther VPN Bridge ?????? ?????????

SoftEther VPN Server ?????

SoftEther VPN Bridge ??SoftEther VPN Server ?????????????????????????????? ?SoftEther VPN Bridge ?????????????????? SoftEther VPN Server ???? SoftEther VPN Server ?????????????????????????????

1.6.7 VPN ??????????

?? 1.6.6 ?????????????????????? VPN Client / VPN Server / VPN Bridge ???? VPN Server ????????? VPN ????????? HUB ???? VPN ???????????????????

VPN Server ?????????? SoftEther VPN ???????? VPN ??????????????VPN ?????????? VPN ??????????VPN ???

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

??????????????????????? / ???????? 2 ????????

1.6.8 ??????????????

???????????? VPN ???????VPN Client ? L2TP, SSTP, OpenVPN(tun???) ???? VPN Server ????????? VPN ??????????????????? VPN Client ?????????????????????????????? ?????? VPN Client ??????? HUB ????????? HUB ? VPN Server ?????????????????????? ?????? VPN ???? VPN ?????????????????

????? VPN ????????????? VPN ????????VPN ???????????? PC ?????????????????????? ???? HUB ????? 1 ?? MAC ???????? Ethernet ??????? VPN ????????????????????

??????? VPN ?? LAN ?????????????????? IP ????????????????? IP ??????????????????????????VPN ??????????????????????VPN ?????? ??????????????????????????VPN ????????????????????????????????

?? VPN ???????? ?????????????? 2 ?????????? 3 ??????????????????????????????SoftEther VPN Server ????? VPN Client ?????????????????????????? VPN ?? ?? VPN ????????????????????

????SoftEther VPN Client ????????????????????????????????????? / ?????????????????????? ??????????????????????????VPN Client ????????????????????????????????? ?4.4 VPN Server ?????? ?? ?????????

SoftEther VPN Server ??? HUB ??? ????????????????????????????????????? / ?????????? VPN Server ???????????????????? (VPN ? ????????????)???????????????????? ?3.5 ?? HUB ????????? ?????????

1-6-7.png

1.6.9 ???? / ??????????

VPN ?????????? / ?? VPN ?????????? 2 ??? ??????? 3 ??

SoftEther VPN Server ??? SoftEther VPN Bridge ??? HUB ????? HUB ???????????????? ?????????????????????? / ?????????????

SoftEther VPN Client ??????? / ?????????? HUB ????????VPN Client ???????????????? ?? ?4.4 VPN Server ???????? ?????????

???? VPN Client ????? VPN ????????????????????????????? / ?????????? HUB ????????? ?? ?3.5 ?? HUB ????????? ?????????

1.6.10 ?????????????

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

?????????????? VPN ????????????? HUB ????????? Ethernet ?????????????????????? ??????? HUB ????? Ethernet ????????????????????????????????????? IDS ? IDP ?????? ?? HUB ???????????????? HUB ?????? Ethernet ???????????????????? Ethernet ??????? HUB ????????????????

???????????????????? 2 ????????????? HUB ????????????????????????????????????? ??????????????????

1-6-8.png

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

1.6.11 ?????????????

??????????????????SoftEther VPN Server ??? HUB ??????????????? LAN ????????????? ??????????????????????VPN Client / VPN Server / VPN Bridge ??? SoftEther VPN ?????? ????????????? VPN ????????????? VPN ????????????????????????????????? VPN Server ???

??????????????????3.6 ????????? ?????????

1.6.12 ???????????

??????????????????SoftEther VPN Server ??? SoftEther VPN Bridge ??? HUB ?????????? ???????? SoftEther VPN Server ??? HUB ????????????????????????????? VPN Server ?? ? VPN Bridge ??? HUB ??????????????????????

????????????????????????????????????? HUB ???????????????? / ?????????????????????????? ?????????? HUB ??

??????????????????3.4 ?? HUB ????? ?????????

1.6.13 SecureNAT ?????

?SecureNAT ????????SoftEther VPN Server ??? SoftEther VPN Bridge ??? HUB ???? 1 ?????SecureNAT ??SecureNAT ?????????3.7 ?? NAT ????? DHCP ????? ?????????

1.6.14 ????? 3 ?????????

?????? 3 ????????????SoftEther VPN Server ???????????? 3 ??????????????????? 3 ?? ????? HUB ????????????????????????????????????? 3 ?????????????3.8 ????? 3 ??? ?? ?????????

????

- 1.4 VPN ??????????
- 1.5 ?????????
- 2.1 VPN ???????
- 3.3 VPN Server ??
- 3.4 ?? HUB ???
- 3.5 ?? HUB ???????
- 3.6 ????????
- 3.7 ?? NAT ????? DHCP ????
- 3.8 ????? 3 ????
- 4.4 VPN Server ??????
- 5. SoftEther VPN Bridge ?????