10.2 ????

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

10.2.1 VPN Server ?????

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

?VPN Server??????????????????VPN Client???VPN Bridge?(??????? VPN Server) ????
????????????????????VPN Server ????????????????????????????

- ?? VPN Server ????????? VPN ???????????????TCP/IP ???????????? (?????????
  ??????NAT ????????????????????? IP ????????????? IP ????????? TCP/IP ??????
  ????????????????????????????????)?

??? VPN ?????????PPTP???L2TP/IPSec????? VPN ?????????VPN ????????????????????
?????? IP ?????????????????????

??? SoftEther VPN ???VPN Server ?????????? IP ????????????????????????????????????
??NAT ????????????????????????????????? IP ??
?**10.2.3 ??? NAT ??????????????**? ??????????

10-2-1.png

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

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

VPN Server ????

VPN Server ????????????VPN Server ??????????????????

- **VPN Server ?????????????????????????????? VPN Server ??????????** ?????????????????????? VPN Server ?????????????????VPN Server ?????????? VPN Server ?????????????????????
- **VPN Server ?????????????????????????????? VPN Server ??????????** ???? ???????????????? (root ??? Administrator) ?????VPN Server ?????????????????? ?????????????????????????VPN ??????????? VPN Server ?????????VPN Server ?????????????????????? ???VPN Server ??????????(??????? ?3.2.2 ?????? ?? ?????????) ?? ?????????? ??????????? VPN Server ?????????????????????????????

?? HUB ????

VPN Server ??????????? VPN Server ?????????????????????????? HUB?????????????? ???????????? HUB ?????????????????????????? HUB ?????????????????????????? (???? ?3.3.4 ????? ?????????)?

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

10.2.3 ??? NAT ??????????????

NAT ????????????? VPN Server ???????

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

?????????????????????? ?3.3.6 ???????? ??????????? VPN Server ?????? TCP/IP ????????? ??? 1 ?????????????????????? 443 ?????????????????????????????HTTPS ????? VPN ??????? ??VPN Client ?????????????????????????????????

10-2-2.png

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

?????? IP ??????????? IP ???? (???????) ?????????????HTTP ?????????????????????????? ?????? IP ?????? VPN Server ?????????????????????????????? VPN Server ???????????

?? IP ???????? VPN Server ????
????

?????? IP ???????? VPN Server ??????????

??????????????? IP ???????? VPN Server ????????????? NAT ???????????????????????
?? NAT ???????????????
??????????????? ?????????????????????VPN ?????????????????????

TCP/IP ???????????????

???????????? NAT ???????????????????443 ??(HTTPS) ??????? TCP/IP ?????????????
?? 443 ?????? TCP/IP ?????
?? TCP/IP ?????????????????? VPN Server ?
???????????????????????? (??????????????? ?3.3.6 ???????? ?????????)? ????????????
???????????? VPN Server ????? VPN ???
???????????????????? VPN Server ???????????????????

10.2.4 ??????????

VPN Server ???????? HUB ?????????????????????????
???
???????VPN Server ?? (????????? VPN
????????? VPN ??) ???????????????????????????????????? VPN ????????????????
?10.4.3 ???????????? ??????????
???VPN Server ???????????????? ?2.2 ??????? ?????????

10.2.5 ?????????

VPN Server ????3? SoftEther VPN Server ?????? ?????????????????????????????????
????????????????????????????????
????????? HUB ????? LAN ???????????????????(???? ?3.6 ????????? ?????????)??????
?????? HUB ?? ???????????(???? ?3.4.11 ?????????? ?????????) ?????? VPN ??????????
???
???????? VPN ?? HUB ???????????????????
??????????????

10.2.6 ????? 3 ??????????

?????? 3 ????????????? 2 ??????? IP ???????????????????????VPN Server ???????????
? 2 ?????????? HUB ??????????? HUB ?? IP ?????????????????? 3 ?????????????????
?????????? 3 ?????????????????????????????????? 3 ?????????????????????????? 3 ????

????????? VPN ????????????????????????????? IP ????????????????????????????? ??????? ?? 3 ????????????????? ?3.8 ????? 3 ????? ??????????

10.2.7 ?? DHCP ???????????

??? DHCP ????????? HUB ??????? 2 ?????? DHCP ????????????????????????????????? ???????DHCP ??? IP ????????????????????????????? DHCP ?????????????SecureNAT? ???????????????????? ???????????? DHCP ????????????????????? NAT ???????????????????? ? ????? DHCP ????????????????3.7.5 ?? DHCP ??????? ??????????

10.2.8 ?? NAT ????????

??? NAT ?????????? VPN ????????????????????????????? NAT ?????????????????????????

- ?? HUB ?????????? LAN ??VPN Server / VPN Bridge ??? Windows? Linux ??? Solaris ?????????????????????????
- ?????? VPN Server / VPN Bridge ????????(?10.11 SecureNAT ????????????????? ????? ???)

?????????? NAT ????????????????????????????? LAN ??? HUB ????? 1 ????? 2 ?????? ???????

??? NAT ?????????? ?3.7.3 ?? NAT ??? ??????????

10.2.9 ??????????????????

??? VPN???????????????????? 2 ????????? DHCP ? ????????????????????? DHCP ?????????? DHCP ????????????????????????????????????? ????????????????? DHCP ????????????????????????????? ????????????????????????????2 ?????? ????????????????????????????????????? ??????? 2 ??? ??

????

- 2.2 ??????
- 3. SoftEther VPN Server ?????
- 3.2.2 ???????
- 3.3.4 ????
- 3.3.6 ???????
- 3.4.11 ?????????
- 3.6 ????????

- 3.7.3 ?? NAT ??
- 3.7.5 ?? DHCP ??????
- 3.8 ????? 3 ????
- 10.4.3 ???????????
- 10.11 SecureNAT ??????????????????