



10.3 ??????? VPN ???

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

10.3.1 VPN Server ???

?????? VPN?????????1 ?? VPN Server ??????????????? VPN ??VPN Client ?
???????????????????? VPN ???
????????????????????

?? IP ???????????

?? HUB ????? VPN Client ??? LAN ??????????? LAN ?????????????????????
???? HUB ??????? VPN Client ????????????????????? IP ???????????????????
?????????? HUB ???????????192.168.1.1, 192.168.1.2, ? 192.168.1.10 ????????? IP ?
???????????? IP ?????????????????????

APIPA (Automatic Private IP Addressing) ???

Windows 98 ????????????????? MacOS ?????APIPA?(????? IP ??????????) ?????
?????????LAN ????????????????????? IP ????? DHCP ?????????????????????
???????????? (1 ??) ????? DHCP ????? IP ????????????????????? LAN ??????
169.254.0.1 ? 169.254.255.254 ?? IP ?????????????????

Windows ? MacOS ??????? APIPA ??????? LAN ?? DHCP ?????????????????????
LAN ??? IP ?????????????????APIPA ????????????????? IP ????????????? IP ???????
?? APIPA ??? IP ?????????
???????? DHCP ????? IP ?????????????

DHCP ??????????? IP ???????????

VPN Server ????? HUB ??? VPN Client ????????????? IP ?????????????????????
HUB ????? LAN ??????? 1 ?? Ethernet ????????????????????? DHCP ?????????????
???????????????????????????????? LAN ?????DHCP ????? IP ?????????????????
???? LAN ????? IP ?????????????IP ?????????

???? DHCP ????????? (?? Windows 2000 Server ? Windows Server 2003 ??????)
DHCP ????????????????????? DHCP ?????????) ????????????????????? DHCP ?????
???????????????????? VPN Client ??? LAN ????????????? HUB ?????????????????
HUB ????????????????? DHCP ????????????? DHCP ????? IP ?????????????????
??


```
C:\>ping 192.168.1.3
Pinging 192.168.1.3 with 32 bytes of data:
Reply from 192.168.1.3: bytes=32 time=2ms TTL=128
Reply from 192.168.1.3: bytes=32 time=2ms TTL=128
Reply from 192.168.1.3: bytes=32 time=1ms TTL=128
Reply from 192.168.1.3: bytes=32 time=2ms TTL=128
Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milliseconds:
    Minimum = 1ms, Maximum = 2ms, Average = 1ms
C:\>
```

??ICMP ?????????????????????????ping
??

Windows ?????????????

VPN ??????Windows ???
Windows ??? VPN ?????
????????????????????????

??Windows ??????? 2 ????????????????????? NetBIOS over TCP/IP ?????????????????????
(DNS ? WINS ?????????)????????VPN ????????????????????? Windows ?????????????????
?? \???????? ???\IP????? ??
????????????????????????

10-3-2.png

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

10-3-3.png

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

??Windows ??????????????? (SMB ?
ICFS ?) ???VPN ???????????
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?????

PC ? VPN

banner1_1.jpg

SoftEther VPN ???
???????? LAN ?????????????????????????