



```
VPN Server/?? HUB ?>
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```
???????? HUB ?????????????????????????????????????????Online????????SetMaxSession?????  
????????VPN Server ??????????????????????????????????????????VPN Server ?????????????????????????????????????  
???????????????????? 170 ????
```

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????? HUB ?????????? VPN Server ??????????????????Hub????????????????????????????????????  
??
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```
VPN Server/DEFAULT>Hub  
Hub ???? - ??????? HUB ???  
?? HUB ??????????????  
????????????????????  
  
VPN Server>
```

```
VPN Bridge ?????????VPN Server ?????????????????????????????????????????????????????????????VPN  
Bridge ????? HUB ? "BRIDGE" ?????????? 1 ??????????????? "BRIDGE" ?? HUB ???????  
??????
```

### VPN Client ?????????

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?VPN Client????????????????????????????????????????????
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VPN Client>
```

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?????VPN Client ????????????????????????????????????????????????????????????? 65 ????
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### VPN Tools ???

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?VPN Tools ??????vpn cmd????????????VPN Server ? VPN Client ??????????vpn cmd ?????  
????????????????????????????????????????????????????????????????VPN Tools ????????????????????????????? 5 ???  
??
```

- About ????
- MakeCert ????
- TrafficClient ????

- TrafficServer ????
- Check ????

?????? 5 ???????VPN Tools ???

VPN Tools ???

```
VPN Tools>
```

**vpncmd ???**

vpncmd ?????????exit????????

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

??**Help**????????????????

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VPN Tools>
??? 5 ??????????????:
About          - ???????????
Check          - PacketiX VPN ?????????????????
MakeCert       - ??? X.509 ???????????
TrafficClient  - ?????????????????????????????
TrafficServer  - ?????????????????????????

???????????????????????????????????????????? /? " ?????????????????
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????????????????????
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?vpncmd??

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>????? ?? /?????:?? /?????:?? ...
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- ?????  
 ???  
 ???
- ?? (?????)  
 ??? 2 ?????????  
 ???  
 ?????????????????????"/??:" ????????????????????? : (??) ?????????????????????????????????  
 ????????????????? (-) ???  
 ?????????????????  
 ??? (????)??  
 ??????? " " (2 ????) ????????????

?????BridgeCreate????? ??????????????????????????????

```
BridgeCreate [hubname] [/DEVICE:device_name] [/TAP:yes|no]
```

?? BridgeCreate ?????????????????????? [hubname] ??TEST??DEVICE ????"Intel(R) PRO/1000 MT Desktop Adapter"??TAP ???no?????????????????????????

```
>BridgeCreate TEST /DEVICE:"Intel(R) PRO/1000 MT Desktop Adapter" /TAP:n
```

??

```
>BridgeCreate /DEVICE:"Intel(R) PRO/1000 MT Desktop Adapter" /TAP:no TES
```

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

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

?vpn cmd??  
 ????????????????????????? BridgeCreate ???  
 ???

```
VPN Server>BridgeCreate  

BridgeCreate ??? - ????????????????
```

```
???????? HUB ? : TEST  
?????????????: Intel(R) PRO/1000 MT Desktop Adapter
```

```
???????? /TAP ?????????????/TAP ?????????????????????????????????????????  
????????????????????????????????????????????????????????????????????????  
????????????????????????????????????????????????????????????????????????
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???????????????????????????????????????????????????????????????????????? (*) ??????????????
```

**????????????**

```
?vpncommand????? 200 ??????????????????????????????????????????????????????????vpncommand ??????  
????????????????????????????????????????????????????????????????????????????????????????????????  
????????????????????????????????????????????????????????????????????????
```

```
?????vpncommand ????????????????????????????????????????????????????????????? (?????????)?
```

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????????????????????????????????????ServerInfoGet????????????????????????????  
?UserCreate????????????????????????????????UserGet?????????????????UserDelete??????  
????????????????UserList????????????????????????????????????????????????????????
```

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??????????????????????????????????????????????????????????????????????????????????????????  
????????????????????????????????????????
```

```
VPN Server>user?  
"user": ??????????  
?????????????????????????????????????:  
UserAnonymousSet - ??????????????????  
UserCertGet - ??????????????????????????????  
UserCertSet - ??????????????????????????????  
UserCreate - ??????  
UserDelete - ??????  
UserExpiresSet - ??????????????  
UserGet - ??????????  
UserList - ??????????  
UserNTLMSet - ????????????? NT ??????????  
UserPasswordSet - ??????????????????????????????????????????  
  
UserPolicyRemove - ??????????????????????  
UserPolicySet - ??????????????????????  
UserRadiusSet - ????????????? Radius ??????  
UserSet - ??????????
```





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??  
?SecureNatHostSet??

NatSet [/MTU:mtu] [/TCPTIMEOUT:tcp\_timeout] [/UDPTIMEOUT:udp\_timeout] [/  
????????????/MTU??/TCPTIMEOUT??/UDPTIMEOUT??????/LOG?? 4 ??????????????  
??  
? ????? 4 ???

??	????
/MTU	/M
/TCPTIMEOUT	/T
/UDPTIMEOUT	/U
/LOG	/L

??

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

??Ctrl?+?D????????????

```
VPN Server>sps
ServerPasswordSet ??? - VPN Server ??????????????
???????????????????????????????????????? Ctrl+D ??????????????

?????: ***
???? : ^D

VPN Server>
```

????????????????????Ctrl?+?D??







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?????  
VPN Server>
```

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

- **????? --help**
- **????? -help**
- **????? /help**
- **????? -?**
- **????? /?**
- **??????**
- **man ?????**
- **??????**

??  
**cascade**??????????????

```
VPN Server>cascade?  
"cascade": ??????????  
?????????????????????????????????????????:  
CascadeAnonymousSet - ??????????????????????????????  
  
CascadeCertGet - ??????????????????????????????  
CascadeCertSet - ??????????????????????????????  
?????????  
CascadeCompressDisable - ??????????????????????????  
CascadeCompressEnable - ??????????????????????????  
CascadeCreate - ??????????????????  
CascadeDelete - ??????????????  
CascadeDetailSet - ??????????????????????????  
CascadeEncryptDisable - ??????????????????????????  
CascadeEncryptEnable - ??????????????????????????  
CascadeGet - ??????????????????  
CascadeList - ??????????????????  
CascadeOffline - ??????????????????????????  
CascadeOnline - ??????????????????????????  
CascadePasswordSet - ??????????????????????????????  
?????  
CascadePolicySet - ??????????????????????????????  
?
```









## UNIX ??????????

Linux ??? UNIX ?? vpncmd ?????????? SoftEther VPN ??????????????????????????????????  
??? ?LANG ??????????????????????????????????????  
???

- ja\_JP.eucJP
- ja\_JP.shift\_jis
- ja\_JP.UTF-8

???LANG ???EUC-JP????????????????????SoftEther  
VPN ?? LANG ???

## 6.2.8 Windows ?? vpncmd ?????

Windows ???SoftEther VPN ?????????????????????? SoftEther VPN ?????????????????????????????????  
(???? C:\Program Files\SoftEther VPN Server ??) ?????????????? vpncmd.exe ??????????  
?????????vpncmd?????????????

?????Administrators ??? vpncmd ?????????????????????????????? [?????????????] ?????  
?vpncmd?????????????vpncmd ??????????????????????

UNIX ?????????????????????PATH ??????????????????/usr/local/bin ??????????????????vpncmd ?  
?? hamcore.se2 ???

## 6.2.9 vpncmd ??????????

?vpncmd?????SoftEther VPN Server / VPN Client / VPN Bridge ?????????????????????????????????  
??? ?vpncmd????????????????????????  
???vpncmd ??????????????????????Windows ??? VPN  
Bridge ??exe-only ???UNIX ??????VPN Bridge ??????????????????????

- vpncmd.exe ??????????  
(UNIX ??????????vpncmd ????)
- hamcore.se2 ????