

cisco路由器EIGRP配置实例 PDF转换可能丢失图片或格式，
建议阅读原文

https://www.100test.com/kao_ti2020/243/2021_2022_cisco_E8_B7_AF_E7_94_c101_243481.htm 下面是以前我在一家isp工作时维护的一个客户路由器上的配置，这个客户租了我们12条IP-VPN线路，是个大客户。对于IP-VPN内部专线，这个客户主要用于访问远程ERP系统和VOIP语音电话。下面是完整的配置，除了名称用xxx代替外，其它都保留不变。对于爱好网络技术的朋友是一个学习cisco技术的难得的参考。有兴趣的朋友可以分析一下，注：一般IP-VPN专线其实就是DDN加IPVPN技术，一般采用EIGRP协议的。 User Access VerificationUsername:

```
xxxx01xPassword:xxxx01-BJ-4>enPassword:xxxx01-BJ-4#sh
runBuilding configuration...Current configuration : 5624 bytes!! Last
configuration change at 12:05:04 SHT Thu Feb 2 2006 by
xxxx01user! NVRAM config last 0updated at 12:05:05 SHT Thu Feb
2 2006 by xxxx01user!version 12.1service timestamps debug datetime
localtimeservice timestamps log datetime localtimeservice
password-encryption!hostname xxxx01-BJ-4!logging buffered 4096
debuggingenable secret 5
$1$Tmai$BXXdfdfdfdfdf&amp;.%$$#Y4xm2uMbBBW/enable
password 7 01100B081E1D090631!username netuser password 7
121A0A041F041Fusername netuser autocommand menu
netuserusername xxxx01user password 7
070C2C400B1F1dfdfd60C07username ispuser privilege 15 password
7 13061A1E0Adfdfd08092325!!!!clock timezone SHT 8ip
```

```
subnet-zero ip fingerno ip domain-lookup!!!!interface
Loopback0description "Loopback for Voice"ip address
10.136.71.254 255.255.255.255!interface Tunnel40101description
"BJ-xxxx01 - SH-xxxx02"ip address 172.16.255.14
255.255.255.252tunnel source 10.136.252.50tunnel destination
10.23.252.70!interface Tunnel40102description "BJ-xxxx01 -
SH-xxxx02 (Voice)"ip address 172.16.254.14 255.255.255.252tunnel
source 10.136.71.254tunnel destination 10.16.67.254!interface
Tunnel40201description "BJ-xxxx01 - SZ-xxxx02"ip address
172.16.255.22 255.255.255.252tunnel source 10.136.252.50tunnel
destination 10.144.253.58!interface Tunnel40202description
"BJ-xxxx01 - SZ-xxxx02 (Voice)"ip address 172.16.254.22
255.255.255.252tunnel source 10.136.71.254tunnel destination
10.144.80.254!interface Tunnel40301description "BJ-xxxx01 -
SH-xxxx01"ip address 172.16.255.6 255.255.255.252ip mtu
1600tunnel source 10.136.252.50tunnel destination
10.23.252.82!interface Tunnel40302description "BJ-xxxx01 -
SH-xxxx01 (Voice)"ip address 172.16.254.6 255.255.255.252tunnel
source 10.136.71.254tunnel destination 10.16.70.254!interface
Tunnel40501description "To xxxx01-GZ"ip address 172.16.255.29
255.255.255.252ip mtu 1600tunnel source 10.136.252.50tunnel
destination 10.144.253.78!interface Tunnel40502description "To
xxxx01-GZ (Voice)"ip address 172.16.254.29 255.255.255.252tunnel
source 10.136.71.254tunnel destination 10.144.85.254!interface
Ethernet0ip address 192.168.2.253 255.255.255.0!interface
Serial0bandwidth 256ip address 10.136.252.50
```

```
255.255.255.252 encapsulation ppp priority-group 1 ! router eigrp
1 redistribute static metric 100 100 255 1 1500 route-map
rm_static 2 eigrp network 172.16.254.0 0.0.0.255 network 172.16.255.0
0.0.0.255 network 192.168.2.0 distribute-list prefix 111 out
Tunnel40101 distribute-list prefix 112 out Tunnel40102 distribute-list
prefix 111 out Tunnel40201 distribute-list prefix 112 out
Tunnel40202 distribute-list prefix 111 out Tunnel40301 distribute-list
prefix 112 out Tunnel40302 distribute-list prefix 111 out
Tunnel40501 distribute-list prefix 112 out Tunnel40502 no
auto-summary no eigrp log-neighbor-changes ! ip classless ip route
0.0.0.0 0.0.0.0 Serial0 ip route 10.0.0.0 255.0.0.0 Serial0 ip route
10.16.67.254 255.255.255.255 Serial0 ip route 10.16.70.254
255.255.255.255 Serial0 ip route 10.23.252.70 255.255.255.255
Serial0 ip route 10.23.252.82 255.255.255.255 Serial0 ip route
10.23.253.0 255.255.255.0 Serial0 ip route 10.144.80.254
255.255.255.255 Serial0 ip route 10.144.85.254 255.255.255.255
Serial0 ip route 10.144.253.58 255.255.255.255 Serial0 ip route
10.144.253.78 255.255.255.255 Serial0 ip route 192.168.2.252
255.255.255.255 Ethernet0 ip route 192.168.4.0 255.255.255.0
192.168.2.254 ip route 192.168.5.0 255.255.255.0 192.168.2.254 ip
route 192.168.30.0 255.255.255.0 192.168.2.254 ip route 192.168.31.0
255.255.255.0 192.168.2.254 no ip http server ! ip prefix-list 111
description "Deny Voice" ip prefix-list 111 seq 5 permit 0.0.0.0/0 le
31 ! ip prefix-list 112 description "Permit Voice" ip prefix-list 112 seq 5
permit 0.0.0.0/0 ge 32 access-list 1 permit 192.168.2.252 access-list 1
permit 192.168.4.0 0.0.0.255 access-list 1 permit 192.168.5.0
```

```
0.0.0.255access-list 1 permit 192.168.30.0 0.0.0.255access-list 1
permit 192.168.31.0 0.0.0.255access-list 10 permit 10.23.253.0
0.0.0.255access-list 101 permit ip host 10.136.71.254 anypriority-list
1 protocol ip high list 101priority-list 1 queue-limit 100 100 100
100!menu netuser title ^C Testing Menu^Cmenu netuser prompt
^CPlease enter your 0selection : ^Cmenu netuser text 1 show
interface s0menu netuser command 1 show interface s0menu netuser
options 1 pausemenu netuser text 2 show interface e0menu netuser
command 2 show interface e0menu netuser options 2 pausemenu
netuser text e exitmenu netuser command e logoutmenu netuser
clear-screenmenu netuser default emenu netuser
line-moderoute-map rm_static2eigrp permit 10match ip address
1!snmp-server community xxxx RO 10alias exec sion sh ip ospf
neialias exec sbro sh run | be router ospfalias exec sbrb sh run | be
router bgpalias exec sibs sh ip bgp sualias exec sib sh ip bgpalias exec
sipr sh ip pim rpalias exec siprm sh ip pim rp mapalias exec sbrr sh
run | be router ripalias exec sri sh run intalias exec si sh run | inalias
exec sb sh run | bealias exec siib sh ip int briefalias exec i sh ip
routealias exec sal sh ip access-lalias exec ct conf talias exec sip sh ip
proalias exec sbre sh run | be router eigrpalias exec sien sh ip eigrp
nei!line con 0exec-timeout 360 0logging synchronouslogin
localtransport input noneline vty 0 4exec-timeout 360 0logging
synchronouslogin local!snmp server 10.23.253.254endxxxx01-BJ-4#
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www.100test.com
```