

2010-8-30	

1

1.1



1.2

ATM RSR20\RSR10
cisco RIP

RIP

1 distribute-list 91 out FastEthernet0/1.505

2

3 A

82.0.0.0 IP 100.0.0.0

4 RSR
4B3

10.3

5 cisco rip version2.

XJ_TC_SWYINGYESHI_R1#sh ip route

Codes: C - connected, S - static, R - RIP, B - BGP
O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2
i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
ia - IS-IS inter area, * - candidate default

Gateway of last resort is 82.8.241.85 to network 0.0.0.0

```
R* 0.0.0.0/0 [120/5] via 82.8.241.85, 00:04:47, FastEthernet 0/0
R 82.0.77.128/32 [120/7] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.0.77.133/32 [120/7] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.0.128.0/18 [120/6] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.0.171.107/32 [120/7] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.0.191.139/32 [120/7] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.0.191.173/32 [120/7] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.0.191.194/32 [120/7] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.0.242.52/30 [120/6] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.0.0/24 [120/6] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.0/29 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.8/29 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.16/29 [120/10] via 82.8.242.85, 02:45:40, FastEthernet 0/2
R 82.8.30.24/29 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.64/29 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.88/29 [120/10] via 82.8.242.85, 1d,13:33:47, FastEthernet 0/2
R 82.8.30.104/29 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.120/29 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.128/29 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.144/29 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.152/29 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R 82.8.30.160/29 [120/10] via 82.8.242.85, 02:31:41, FastEthernet 0/2
C 82.8.30.160/28 is directly connected, VLAN 2
C 82.8.30.169/32 is local host.
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R    82.8.61.112/28 [120/10] via 82.8.242.85, 1d,12:36:57, FastEthernet 0/2
R    82.8.61.128/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.61.144/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.61.160/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.61.176/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
C    82.8.61.192/27 is directly connected, VLAN 11
C    82.8.61.222/32 is local host.
R    82.8.62.0/27 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.62.48/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.62.64/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.62.80/28 [120/10] via 82.8.242.85, 02:45:40, FastEthernet 0/2
R    82.8.62.96/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.62.112/28 [120/12] via 82.8.242.85, 15:22:39, FastEthernet 0/2
R    82.8.62.144/28 [120/10] via 82.8.242.85, 1d,12:36:57, FastEthernet 0/2
R    82.8.62.176/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.62.192/28 [120/6] via 82.8.242.85, 1d,13:25:39, FastEthernet 0/2
R    82.8.62.208/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.62.224/32 [120/6] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.63.0/24 [120/6] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.128.0/24 [120/6] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.129.0/24 [120/6] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.156.0/24 [120/10] via 82.8.242.85, 02:31:41, FastEthernet 0/2
R    82.8.157.0/24 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.158.64/28 [120/10] via 82.8.242.85, 1d,13:33:47, FastEthernet 0/2
R    82.8.158.96/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.158.128/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.158.144/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.158.176/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
C    82.8.158.192/28 is directly connected, VLAN 31
C    82.8.158.206/32 is local host.
R    82.8.158.208/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.159.48/28 [120/10] via 82.8.242.85, 1d,14:02:31, FastEthernet 0/2
R    82.8.159.64/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.159.80/28 [120/10] via 82.8.242.85, 02:45:44, FastEthernet 0/2
R    82.8.159.96/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.159.176/28 2

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R    82.8.189.64/28 [120/10] via 82.8.242.85, 1d,13:33:51, FastEthernet 0/2
R    82.8.189.96/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.189.112/28 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.189.128/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.189.144/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.189.160/28 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.189.176/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
C    82.8.189.192/28 is directly connected, VLAN 21
C    82.8.189.206/32 is local host.
R    82.8.189.208/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.190.48/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.190.64/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.190.80/28 [120/10] via 82.8.242.85, 02:45:44, FastEthernet 0/2
R    82.8.190.96/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.190.112/28 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.190.160/28 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.190.176/28 [120/10] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.191.0/24 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.241.36/30 [120/6] via 82.8.242.85, 1d,13:25:43, FastEthernet 0/2
C    82.8.241.84/30 is directly connected, FastEthernet 0/0
C    82.8.241.86/32 is local host.
R    82.8.241.92/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.0/27 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.32/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.36/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.44/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.48/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.52/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.56/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.60/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.64/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.72/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.76/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.80/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
C    82.8.242.84/30 is directly connected, FastEthernet 0/2
C    82.8.242.86/32 is local host.
R    82.8.242.96/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.100/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.104/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.108/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    82.8.242.112/30 [120/6] via 82.8.242.85, 1d,14:02:35, FastEthernet 0/2
R    N

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F

R

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
 E1 - OSPF external type 1, E2 - OSPF external type 2
 i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
 ia - IS-IS inter area, * - candidate default

Gateway of last resort is 82.8.241.85 to network 0.0.0.0

```

R*  0.0.0.0/0 [120/5] via 82.8.241.85, 00:11:12, FastEthernet 0/0
C   82.8.30.160/28 is directly connected, VLAN 2
C   82.8.30.169/32 is local host.
C   82.8.61.192/27 is directly connected, VLAN 11
C   82.8.61.222/32 is local host.
C   82.8.158.192/28 is directly connected, VLAN 31
C   82.8.158.206/32 is local host.
C   82.8.186.192/27 is directly connected, VLAN 22
C   82.8.186.222/32 is local host.
C   82.8.189.192/28 is directly connected, VLAN 21
C   82.8.189.206/32 is local host.
C   82.8.241.84/30 is directly connected, FastEthernet 0/0
C   82.8.241.86/32 is local host.
C   82.8.242.84/30 is directly connected, FastEthernet 0/2
C   82.8.242.86/32 is local host.
S   100.82.0.0/16 [1/0] via 100.82.14.1
R   100.82.10.32/28 [120/9] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.10.48/28 [120/9] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.10.64/28 [120/9] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.10.80/28 [120/9] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.10.96/28 [120/9] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.10.112/28 [120/9] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.10.128/28 [120/9] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.10.144/28 [120/9] via 82.8.242.85, 00:00:39, FastEthernet 0/2
C   100.82.10.176/28 is directly connected, VLAN 111
C   100.82.10.190/32 is local host.
R   100.82.13.0/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.8/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.16/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.24/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.32/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.40/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.48/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.56/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.64/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.72/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R   100.82.13.80/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2

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R 100.82.13.88/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
R 100.82.13.96/29 [120/6] via 82.8.242.85, 00:00:39, FastEthernet 0/2
C 100.82.14.0/30 is directly connected,

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255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.127: %7: route-entry: family 2 tag 0 ip 82.8.30.64 mask
255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.127: %7: route-entry: family 2 tag 0 ip 82.8.30.88 mask
255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.128: %7: route-entry: family 2 tag 0 ip 82.8.30.104 mask
255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.128: %7: route-entry: family 2 tag 0 ip 82.8.30.120 mask
255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.128: %7: route-entry: family 2 tag 0 ip 82.8.30.128 mask
255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.128: %7: route-entry: family 2 tag 0 ip 82.8.30.144 mask
255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.128: %7: route-entry: family 2 tag 0 ip 82.8.30.152 mask
255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.128: %7: route-entry: family 2 tag 0 ip 82.8.30.160 mask
255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.128: %7: route-entry: family 2 tag 0 ip 82.8.30.176 mask
255.255.255.248 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.128: %7: route-entry: family 2 tag 0 ip 82.8.31.0 mask
255.255.255.240 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.128: %7: route-entry: family 2 tag 0 ip 82.8.31.16 mask
255.255.255.240 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.129: %7: [RIP] Route Number invalid
*Jul 12 04:09:27.130: %7: [RIP] RIP received packet, sock=2145 src=82.8.242.85 len=524
*Jul 12 04:09:27.130: %7: [RIP] Received version 2 response packet
*Jul 12 04:09:27.130: %7: [RIP] Cancel peer[82.8.242.85] remove timer
*Jul 12 04:09:27.130: %7: [RIP] Peer[82.8.242.85] remove timer shedule...
*Jul 12 04:09:27.130: %7: [RIP] Received packet with text authentication xinjiang
*Jul 12 04:09:27.130: %7: [RIP] Ours need simple authen
*Jul 12 04:09:27.130: %7: [RIP] Simple Auth success
pa
XJ_TC_SWYINGYESHI_R1#debug ip rip packet
XJ_TC_SWYINGYESHI_R1#*Jul 12 04:09:27.131: %7: route-entry: family 2 tag 0
ip 82.8.45.5 mask 255.255.255.255 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.132: %7: route-entry: family 2 tag 0 ip 82.8.45.9 mask
255.255.255.255 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.132: %7: route-entry: family 2 tag 0 ip 82.8.45.12 mask
255.255.255.255 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.132: %7: route-entry: family 2 tag 0 ip 82.8.45.14 mask
255.255.255.255 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.132: %7: route-entry: family 2 tag 0 ip 82.8.45.16 mask
255.255.255.255 nhop 0.0.0.0 metric 10

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*Jul 12 04:09:27.132: %7: route-entry: family 2 tag 0 ip 82.8.45.17 mask
255.255.255.255 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.132: %7: route-entry: family 2 tag 0 ip 82.8.45.18 mask
255.255.255.255 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.132: %7: route-entry: family 2 tag 0 ip 82.8.45.19 mask
255.255.255.255 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.132: %7: route-entry: family 2 tag 0 ip 82.8.46.0 mask
255.255.255.0 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.132: %7: route-entry: family 2 tag 0 ip 82.8.51.64 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.133: %7: route-entry: family 2 tag 0 ip 82.8.51.96 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.133: %7: route-entry: family 2 tag 0 ip 82.8.51.128 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.133: %7: route-entry: family 2 tag 0 ip 82.8.51.144 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.133: %7: route-entry: family 2 tag 0 ip 82.8.51.176 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.133: %7: route-entry: family 2 tag 0 ip 82.8.52.48 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.133: %7: route-entry: family 2 tag 0 ip 82.8.52.64 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.133: %7: route-entry: family 2 tag 0 ip 82.8.52.80 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.133: %7: route-entry: family 2 tag 0 ip 82.8.52.96 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.134: %7: [RIP] Route Number invalid
*Jul 12 04:09:27.134: %7: [RIP] RIP received packet, sock=2145 src=82.8.242.85 len=524
*Jul 12 04:09:27.134: %7: [RIP] Received version 2 response packet
*Jul 12 04:09:27.134: %7: [RIP] Cancel peer[82.8.242.85] remove timer
*Jul 12 04:09:27.135: %7: [RIP] Peer[82.8.242.85] remove timer shedule...
*Jul 12 04:09:27.135: %7: [RIP] Received packet with text authentication xinjiang
*Jul 12 04:09:27.135: %7: [RIP] Ours need simple authen
*Jul 12 04:09:27.135: %7: [RIP] Simple Auth success
*Jul 12 04:09:27.135: %7: route-entry: family 2 tag 0 ip 82.8.52.176 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.135: %7: route-entry: family 2 tag 0 ip 82.8.53.48 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.135: %7: route-entry: family 2 tag 0 ip 82.8.53.64 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.135: %7: route-entry: family 2 tag 0 ip 82.8.53.80 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.135: %7: route-entry: family 2 tag 0 ip 82.8.53.96 mask

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255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.136: %7: route-entry: family 2 tag 0 ip 82.8.57.16 mask
255.255.255.240 nhop 0.0.0.0 metric 7
*Jul 12 04:09:27.136: %7: route-entry: family 2 tag 0 ip 82.8.57.33 mask
255.255.255.255 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.136: %7: route-entry: family 2 tag 0 ip 82.8.57.48 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.136: %7: route-entry: family 2 tag 0 ip 82.8.58.0 mask
255.255.255.0 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.136: %7: route-entry: family 2 tag 0 ip 82.8.59.0 mask
255.255.255.0 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.137: %7: route-entry: family 2 tag 0 ip 82.8.61.160 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.137: %7: route-entry: family 2 tag 0 ip 82.8.61.176 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.137: %7: route-entry: family 2 tag 0 ip 82.8.62.0 mask
255.255.255.224 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.138: %7: route-entry: family 2 tag 0 ip 82.8.62.48 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.138: %7: route-entry: family 2 tag 0 ip 82.8.62.64 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.138: %7: route-entry: family 2 tag 0 ip 82.8.62.80 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.138: %7: route-entry: family 2 tag 0 ip 82.8.62.96 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.138: %7: [RIP] Route Number invalid
*Jul 12 04:09:27.139: %7: [RIP] RIP received packet, sock=2145 src=82.8.242.85 len=524
*Jul 12 04:09:27.140: %7: [RIP] Received version 2 response packet
*Jul 12 04:09:27.140: %7: [RIP] Cancel peer[82.8.242.85] remove timer
*Jul 12 04:09:27.140: %7: [RIP] Peer[82.8.242.85] remove timer shedule...
*Jul 12 04:09:27.140: %7: [RIP] Received packet with text authentication xinjiang
*Jul 12 04:09:27.140: %7: [RIP] Ours need simple authen
*Jul 12 04:09:27.140: %7: [RIP] Simple Auth success
*Jul 12 04:09:27.140: %7: route-entry: family 2 tag 0 ip 82.8.62.112 mask
255.255.255.240 nhop 0.0.0.0 metric 12
*Jul 12 04:09:27.140: %7: route-entry: family 2 tag 0 ip 82.8.62.144 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.140: %7: route-entry: family 2 tag 0 ip 82.8.62.176 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.141: %7: route-entry: family 2 tag 0 ip 82.8.62.192 mask
255.255.255.240 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.141: %7: route-entry: family 2 tag 0 ip 82.8.62.208 mask
255.255.255.240 nhop 0.0.0.0 metric 10

```

```

255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.145: %7: route-entry: family 2 tag 0 ip 82.8.189.112 mask
255.255.255.240 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.145: %7: route-entry: family 2 tag 0 ip 82.8.189.128 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.145: %7: route-entry: family 2 tag 0 ip 82.8.189.144 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.145: %7: route-entry: family 2 tag 0 ip 82.8.189.160 mask
255.255.255.240 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.145: %7: route-entry: family 2 tag 0 ip 82.8.189.176 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.146: %7: route-entry: family 2 tag 0 ip 82.8.189.208 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.146: %7: route-entry: family 2 tag 0 ip 82.8.190.48 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.146: %7: route-entry: family 2 tag 0 ip 82.8.190.64 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.146: %7: route-entry: family 2 tag 0 ip 82.8.190.80 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.146: %7: route-entry: family 2 tag 0 ip 82.8.190.96 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.146: %7: route-entry: family 2 tag 0 ip 82.8.190.112 mask
255.255.255.240 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.146: %7: route-entry: family 2 tag 0 ip 82.8.190.160 mask
255.255.255.240 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.146: %7: route-entry: family 2 tag 0 ip 82.8.190.176 mask
255.255.255.240 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.146: %7: route-entry: family 2 tag 0 ip 82.8.191.0 mask
255.255.255.0 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.147:

```

```
*Jul 12 04:09:27.157: %7: [RIP] [100.82.10.48/28] RIP route refresh!
*Jul 12 04:09:27.157: %7: [RIP] [100.82.10.48/28] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.157: %7: [RIP] [100.82.10.48/28] cancel route timer
*Jul 12 04:09:27.157: %7: [RIP] [100.82.10.48/28] route timer schedule...
*Jul 12 04:09:27.157: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.157: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.158: %7: [RIP] [100.82.10.64/28] RIP route refresh!
*Jul 12 04:09:27.158: %7: [RIP] [100.82.10.64/28] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.158: %7: [RIP] [100.82.10.64/28] cancel route timer
*Jul 12 04:09:27.158: %7: [RIP] [100.82.10.64/28] route timer schedule...
*Jul 12 04:09:27.158: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.158: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.158: %7: [RIP] [100.82.10.80/28] RIP route refresh!
*Jul 12 04:09:27.158: %7: [RIP] [100.82.10.80/28] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.159: %7: [RIP] [100.82.10.80/28] cancel route timer
*Jul 12 04:09:27.159: %7: [RIP] [100.82.10.80/28] route timer schedule...
*Jul 12 04:09:27.159: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.159: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.159: %7: [RIP] [100.82.10.96/28] RIP route refresh!
*Jul 12 04:09:27.159: %7: [RIP] [100.82.10.96/28] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.159: %7: [RIP] [100.82.10.96/28] cancel route timer
*Jul 12 04:09:27.159: %7: [RIP] [100.82.10.96/28] route timer schedule...
*Jul 12 04:09:27.160: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.160: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.160: %7: [RIP] [100.82.10.112/28] RIP route refresh!
*Jul 12 04:09:27.160: %7: [RIP] [100.82.10.112/28] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.160: %7: [RIP] [100.82.10.112/28] cancel route timer
*Jul 12 04:09:27.160: %7: [RIP] [100.82.10.112/28] route timer schedule...
*Jul 12 04:09:27.161: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.161: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.161: %7: [RIP] [100.82.10.128/28] RIP route refresh!
*Jul 12 04:09:27.161: %7: [RIP] [100.82.10.128/28] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.161: %7: [RIP] [100.82.10.128/28] cancel route timer
```

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*Jul 12 04:09:27.161: %7: [RIP] [100.82.10.128/28] route timer schedule...
*Jul 12 04:09:27.163: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.163: %7: [RIP] [100.82.13.0/29] RIP route refresh!
*Jul 12 04:09:27.163: %7: [RIP] [100.82.13.0/29] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.163: %7: [RIP] [100.82.13.0/29] cancel route timer
*Jul 12 04:09:27.164: %7: [RIP] [100.82.13.0/29] route timer schedule...
*Jul 12 04:09:27.164: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.164: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.164: %7: [RIP] [100.82.13.8/29] RIP route refresh!
*Jul 12 04:09:27.164: %7: [RIP] [100.82.13.8/29] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.164: %7: [RIP] [100.82.13.8/29] cancel route timer
*Jul 12 04:09:27.164: %7: [RIP] [100.82.13.8/29] route timer schedule...
*Jul 12 04:09:27.165: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.165: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.165: %7: [RIP] [100.82.13.16/29] RIP route refresh!
*Jul 12 04:09:27.165: %7: [RIP] [100.82.13.16/29] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.165: %7: [RIP] [100.82.13.16/29] cancel route timer
*Jul 12 04:09:27.165: %7: [RIP] [100.82.13.16/29] route timer schedule...
*Jul 12 04:09:27.165: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.166: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.166: %7: [RIP] [100.82.13.24/29] RIP route refresh!
*Jul 12 04:09:27.166: %7: [RIP] [100.82.13.24/29] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.166: %7: [RIP] [100.82.13.24/29] cancel route timer
*Jul 12 04:09:27.166: %7: [RIP] [100.82.13.24/29] route timer schedule...
*Jul 12 04:09:27.166: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.166: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.166: %7: [RIP] [100.82.13.32/29] RIP route refresh!
*Jul 12 04:09:27.167: %7: [RIP] [100.82.13.32/29] RIP distance apply from 82.8.242.85!
*Jul 12 04:09:27.167: %7: [RIP] [100.82.13.32/29] cancel route timer
*Jul 12 04:09:27.167: %7: [RIP] [100.82.13.32/29] route timer schedule...
*Jul 12 04:09:27.167: %7: [RIP] Old path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
*Jul 12 04:09:27.167: %7: [RIP] New path is: nhop=82.8.242.85 routesrc=82.8.242.85
intf=3
```

*Jul 12 04:09:27.167: %7: [RIP] [100.82.13.40/29] RIP

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*Jul 12 04:09:31.757: %7:      100.82.10.80/28 via 0.0.0.0 metric 10 tag 0
*Jul 12 04:09:31.757: %7:      100.82.10.96/28 via 0.0.0.0 metric 10 tag 0
*Jul 12 04:09:31.757: %7:      100.82.10.112/28 via 0.0.0.0 metric 10 tag 0
*Jul 12 04:09:31.757: %7:      100.82.10.128/28 via 0.0.0.0 metric 10 tag 0
*Jul 12 04:09:31.757: %7:      100.82.10.144/28 via 0.0.0.0 metric 10 tag 0
*Jul 12 04:09:31.757: %7:      100.82.10.176/28 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.757: %7:      100.82.13.0/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.758: %7:      100.82.13.8/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.758: %7:      100.82.13.16/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.758: %7:      100.82.13.24/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.758: %7:      100.82.13.32/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.758: %7:      100.82.13.40/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.758: %7:      100.82.13.48/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.758: %7:      100.82.13.56/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.759: %7:      100.82.13.64/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.759: %7: [RIP] Send packet to 224.0.0.9 Port 520 on VLAN 21
*Jul 12 04:09:31.759: %7:      100.82.13.72/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.759: %7:      100.82.13.80/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.760: %7:      100.82.13.88/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.760: %7:      100.82.13.96/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.760: %7: [RIP] Send packet to 224.0.0.9 Port 520 on VLAN 21
*Jul 12 04:09:31.760: %7: [RIP] Prepare to send MULTICAST response...
*Jul 12 04:09:31.761: %7: [RIP] Building update entries on VLAN 22
*Jul 12 04:09:31.761: %7:      0.0.0.0/0 via 0.0.0.0 metric 6 tag 0
*Jul 12 04:09:31.761: %7:      82.8.30.160/28 via 0.0.0.0 metric 1 tag 0
*Jul 12 04:09:31.761: %7:      82.8.61.192/27 via 0.0.0.0 metric 1 tag 0
*Jul 12 04:09:31.761: %7:      82.8.158.192/28 via 0.0.0.0 metric 1 tag 0
*Jul 12 04:09:31.761: %7:      82.8.189.192/28 via 0.0.0.0 metric 1 tag 0
*Jul 12 04:09:31.762: %7:      82.8.241.84/30 via 0.0.0.0 metric 1 tag 0
*Jul 12 04:09:31.762: %7:      82.8.242.84/30 via 0.0.0.0 metric 1 tag 0
*Jul 12 04:09:31.762: %7:      100.82.10.32/28 via 0.0.0.0 metric 10 tag 0
*Jul 12 04:09:31.762: %7:      100.82.10.48/28 via 0.0.0.0 metric 10 tag 0
*Jul 12 04:09:31.762: %7:      100.82.10.64/28 via 0.0.0.0 metric 10 tag 0
*Jul 12 04:09:31.764: %7:      100.82.13.32/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.764: %7:      100.82.13.40/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.764: %7:      100.82.13.48/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.764: %7:      100.82.13.56/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.764: %7:      100.82.13.64/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.765: %7: [RIP] Send packet to 224.0.0.9 Port 520 on VLAN 22
*Jul 12 04:09:31.765: %7:      100.82.13.72/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.765: %7:      100.82.13.80/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.765: %7:      100.82.13.88/29 via 0.0.0.0 metric 7 tag 0
*Jul 12 04:09:31.766: %7:      100.82.13.96/29 via 0.0.0.0 metric 7 tag 0

```

```
*Jul 12 04:09:31.766: %7: [RIP] Send packet to 224.0.0.9 Port 520 on VLAN 22
*Jul 12 04:09:31.766: %7: [RIP] Prepare to send MULTICAST response...
*Jul 12 04:09:31.766: %7: [RIP] Building update entries on VLAN 31
*Jul 12 04:09:31.766: %7:      0.0.0.0/0 via 0.0.0.0 metric 6 tag 0
*Jul 12 04:09:31.767: %7:      82.8.30.160/28 via 0.0.0.0 metric 1 tag
```


len=524

*Jul 12 04:09:27.125: %7: [RIP] Received version 2 response packet

*Jul 12 04:09:27.125: %7: [RIP] Cancel peer[82.8.242.85] remove tim 5 :


```
255.255.255.252 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.151: %7:      route-entry: family 2 tag 0 ip 82.8.242.140 mask
255.255.255.252 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.151: %7:      route-entry: family 2 tag 0 ip 82.8.242.144 mask
255.255.255.252 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.151: %7:      route-entry: family 2 tag 0 ip 82.80.242.48 mask
255.255.255.252 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.151: %7:      route-entry: family 2 tag 0 ip 82.80.242.52 mask
255.255.255.252 nhop 0.0.0.0 metric 10
*Jul 12 04:09:27.151: %7:      route-entry: family 2 tag 0 ip 100.82.0.0 mask
255.255.0.0 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.151: %7:      route-entry: family 2 tag 0 ip 100.82.10.0 mask
255.255.255.240 nhop 0.0.0.0 metric 9
*Jul 12 04:09:27.152: %7:      route-entry: family 2 tag 0 ip 100.82.10.16 mask
255.255.255.240 nhop 0.0.0.0 metric 9
*Jul 12 04:09:27.152: %7: [RIP] Route Number invalid
```

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*Jul N

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255.255.255.240 nhop 0.0.0.0 metric 9
*Jul 12 04:09:27.154: %7:      route-entry: family 2 tag 0 ip 100.82.10.176 mask
255.255.255.240 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.154: %7:      route-entry: family 2 tag 0 ip 100.82.13.0 mask
255.255.255.248 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.154: %7:      route-entry: family 2 tag 0 ip 100.82.13.8 mask
255.255.255.248 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.154: %7:      route-entry: family 2 tag 0 ip 100.82.13.16 mask
255.255.255.248 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.154: %7:      route-entry: family 2 tag 0 ip 100.82.13.24 mask
255.255.255.248 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.155: %7:      route-entry: family 2 tag 0 ip 100.82.13.88 mask
255.255.255.248 nhop 0.0.0.0 metric 6
*Jul 12 04:09:27.156: %7:      route-entry: family 2 tag 0 ip 100.82.13.96 mask
255.255.255.248 nhop 0.0.0.0 metric 6

```

8. case CISCO BUG

2.2

CISCO BUG CISCO CISCO

