

```
1  #R1
2  sh ip int br
3  configure terminal
4  interface fastEthernet 0/0
5  ip address 192.168.10.1 255.255.255.0
6  no shut
7  exit
8  sh ip int br
9
10 #Border1
11 sh ip int br
12 configure terminal
13 interface fastEthernet 1/0
14 ip address 192.168.10.2 255.255.255.0
15 no shut
16 exit
17 interface fastEthernet 0/0
18 ip address 192.168.30.1 255.255.255.0
19 no shut
20 exit
21 sh ip int br
22
23 #Border2
24 sh ip int br
25 configure terminal
26 interface fastEthernet 0/0
27 ip address 192.168.30.2 255.255.255.0
28 no shut
29 exit
30 interface fastEthernet 1/0
31 ip address 192.168.20.2 255.255.255.0
32 no shut
33 exit
34 sh ip int br
35
36 #R2
37 sh ip int br
38 configure terminal
39 interface fastEthernet 0/0
40 ip address 192.168.20.1 255.255.255.0
41 no shut
42 exit
43 sh ip int br
44
45 //hame router ha ip gerftan
46
47 #R1
48 router bgp 46520
49 neighbor 192.168.10.2 remote-as 46520
50 network 192.168.10.0 mask 255.255.255.0
51 exit
52
53 #Border1
54 router bgp 46520
55 neighbor 192.168.10.1 remote-as 46520
56 neighbor 192.168.30.2 remote-as 46530
57 network 192.168.10.0 mask 255.255.255.0
58 network 192.168.30.0 mask 255.255.255.0
59 exit
60 exit
61
62 #Border2
63 router bgp 46530
64 neighbor 192.168.30.1 remote-as 46520
```

```
65 neighbor 192.168.20.1 remote-as 46530
66 network 192.168.30.0 mask 255.255.255.0
67 network 192.168.20.0 mask 255.255.255.0
68 exit
69 exit
70
71 #R1
72 router bgp 46530
73 neighbor 192.168.20.2 remote-as 46530
74 network 192.168.10.0 mask 255.255.255.0
75 exit
76 exit
77 sh ip bgp
78 sh ip bgp summary
79
80 #Border1
81 sh ip bgp
82 sh ip route bgp
83
84 #Border2
85 sh ip bgp
86 sh ip route bgp
87
88
89 #R1
90 ping 192.168.10.2
91 ping 192.168.30.1
92 ping 192.168.20.2
93 ping 192.168.20.1
94
95
96
97 #Border1
98 ping 192.168.10.1
99 ping 192.168.30.2
100 ping 192.168.20.2
101 ping 192.168.20.1
102
103
104 #Border2
105 ping 192.168.10.1
106 ping 192.168.10.2
107 ping 192.168.30.1
108 ping 192.168.30.2
109 ping 192.168.20.1
110
111 #R2
112 ping 192.168.10.1
113 ping 192.168.10.2
114 ping 192.168.30.1
115 ping 192.168.30.2
116 ping 192.168.20.1
117 ping 192.168.20.2
```