

```
1
2 #IP config
3
4 #R1
5 config t
6 int f0/0
7 ip address 192.168.1.1 255.255.255.0
8 no shut
9 exit
10 int f1/0
11 ip address 192.168.2.1 255.255.255.0
12 no shut
13 exit
14 exit
15 sh ip int br
16
17 #R2
18 config t
19 int f0/0
20 ip address 192.168.3.1 255.255.255.0
21 no shut
22 exit
23 int f1/0
24 ip address 192.168.2.2 255.255.255.0
25 no shut
26 exit
27 exit
28 sh ip int br
29
30 *****
31 #OSPF
32
33 #R1
34 config t
35 router ospf 1
36 network 192.168.1.0 0.0.0.255 area 0
37 network 192.168.2.0 0.0.0.255 area 0
38 exit
39 exit
40
41 #R2
42 config t
43 router ospf 1
44 network 192.168.2.0 0.0.0.255 area 0
45 network 192.168.3.0 0.0.0.255 area 0
46 exit
47 exit
48
49 *****
50 #IP Pool
51
52 #R1 (DHCP server)
53 config t
54 ip dhcp pool pool0
55 network 192.168.1.0 255.255.255.0
56 lease 5
57 default-router 192.168.1.1
58 dns-server 1.1.1.1
59 ip dhcp excluded-address 192.168.1.1
60
61 ip dhcp pool pool1
62 network 192.168.3.0 255.255.255.0
63 lease 5
64 default-router 192.168.3.1
```

```
65 dns-server 1.1.1.1
66 ip dhcp excluded-address 192.168.3.1
67 exit
68
69 #R2 (Relay Agent)
70 config t
71 int f0/0
72 ip helper-address 192.168.2.1
73 exit
74 exit
75
76 *****
77 #Ip to PCs
78
79 #PC1
80 sh ip
81 dhcp
82 sh ip dhcp binding
83
84
85 #PC2
86 sh ip
87 dhcp
88
89 *****
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
```