Display :

display ip routing-table

display rip

display ip interface brief

display interface brief

display vlan

display dhcp

Switch with pc:

interface GigabitEthernet 0/0/1

port link-type access

port default vlan 1

quit

Create vlan:

Vlan batch 10 20

Port default vlan 10 (for assigning vlan to pcs)

port trunk allow-pass vlan 10 20 (for assigning vlan to switch)

Info center:

Undo info-center enable

Switch with switch:(vlan)

interface ethernet 0/0/5

port link-type trunk

port trunk allow-pass vlan 10 20

q

Switch with router:(vlan)

interface ethernet 0/0/5

port link-type trunk

port trunk allow-pass vlan 10 20

q

Router with switch:(vlan intercommunication)

Interface Ethernet 0/0/0.10

dot1q termination vid10

ip address 192.168.10.150 255.255.255.0

q

Swith with switch:(vlanif)

Interface Vlanif 10

ip address 192.168.10.254 24 (gateway in ip address )

Static-route:

Ip route-static destination ip subnet next hope

Ip route-static 172.168.9.0 255.255.255.0 10.10.10.10

Note:- 172.168.9.0 (the last number should always be zero)

Link aggregation:

Interface eth-trunk 1

mmode lacp

ax active-linknumber 2

trunkport Ethernet 0/0/2 to 0/0/3

Q

RIP:

Interface Ethernet 0/0/0

Ip address 10.10.10.10 24

rip 2

network 10.0.0.0

First assign all interface

Then assign all network

stp:

system-view

sysname SW4

#

interface Vlanif 1

mac-address 0000-0000-0004

#

stp enable

#

interface GigabitEthernet0/0/1

stp enable

stp cost 4

stp port priority 128

#

interface GigabitEthernet0/0/2

stp enable

stp cost 4

stp port priority 128

#

Return

ROUTERC TO ROUTER:

interface GigabitEthernet 0/0/0

ip address 192.168.1.1 255.255.255.0

q

Dhcp:

system-view

interface Vlanif 1

ip address 110.10.1.1 255.255.255.0

quit

dhcp enable

ip pool PC\_POOL

network 110.10.1.0 mask 255.255.255.0

gateway-list 110.10.1.1

dns-list 8.8.8.8 8.8.4.4

interface Vlanif 1

dhcp select global

quit

interface Ethernet 0/0/1

port link-type access

port default vlan 1

quit

interface Ethernet 0/0/2

port link-type access

port default vlan 1

quit