



1	RG-S21	GSN	.....	3
	1.1		.....	3
	1.2		.....	4
	1.2.1		.....	4
	1.2.2		.....	4
	1.2.3		.....	4
	1.3		.....	5
	1.4		.....	5
	1.4.1		.....	5
	1.4.2		.....	5
	1.4.3		.....	15
	1.5		.....	16
	1.6		.....	16

1 RG-S21

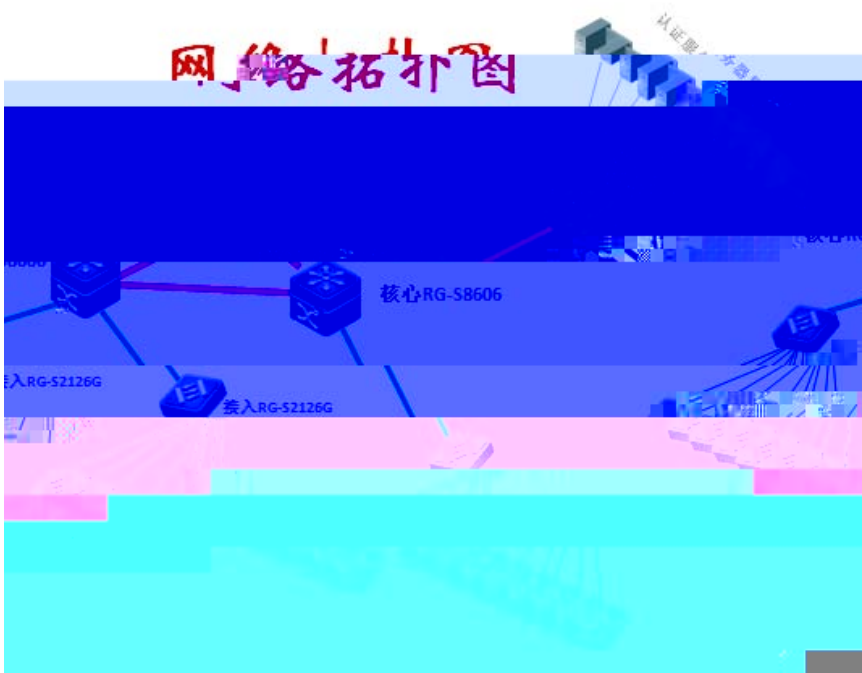
GSN

1.1

	RG-S21	GSN
	RG-S21	

1.2

1.2.1



1.2.2

RG-S2126G/S2150G		V1.0	1.8

1.2.3



1.3

21

21

DOT1X

DOT1X

1.4

```
!  
hostname Switch  
vlan 1  
!  
vlan 151  
!  
vlan 191  
!  
expert access-list extended TongDao  
    permit udp any any eq bootpc any any eq bootps  
    permit ip any any host 210.34.128.33 any  
    permit ip any any host 210.34.130.135 any  
    permit ip 172.18.0.0 0.0.255.255 any any any  
    permit arp 172.18.0.0 0.0.255.255 any any any  
!  
radius-server host 210.34.130.132  
aaa authentication dot1x  
aaa accounting server 210.34.130.132  
interface fastEthernet 0/16  
    switchport mode trunk  
    ip dhcp snooping trust  
!  
interface fastEthernet 0/22  
    switchport mode trunk  
  
securit.95 Tw 5.87 0 87 0 87 0 87 0 87 0 87 0 8p4(nt)45E6y2 559.2 Tm ( )Tj -0.035
```

```
security gsn enable
security v2c community jmu2ruijie
smp-server host 210.34.130.137
security global access-group TongDao
snmp server 210.34.128.32
snmp enable
ip dhcp snooping
end
```

21 Dot1x ip dhcp snooping SNTP

FFP Dot1x Dot1x L2

2. show dot1x summary

```
switch#show dot1x summary
Vlan Address PaeState BackendAuth PortStatus Interface
-----
109 0002.b39a.8302 authenticated request authorized Fa0/19
109 0003.0d57.afb3 authenticated request authorized Fa0/18
109 0013.d30a.d7a8 authenticated request authorized Fa0/1
109 0013.d30e.62e6 authenticated request authorized Fa0/6
109 0013.d3a9.273e authenticated request authorized Fa0/1
109 0014.85a7.0e75 authenticated request authorized Fa0/6
```

001f.160a.d5d6,

3. mac L2

show mac-address-table dump arl

```
MAC
switch#sh mac-address-table
Vlan MAC Address Type Interface
-----
```

```
1      001c.231f.f473      DYNAMIC      fa0/1
1      001f.160a.d5d6      DYNAMIC      fa0/1

switch#sd
*****
*      »ŦÓ-Ê¹ÓÃDEBUGµ÷ÊÔ¹±¼ß( °æ±¼1.0)      *
*****

RG_DEBUG.0>console on
RG_DEBUG.0>d arl
ARL.0[0x1]:
<MAC_ADDR=0x1018112233,VLAN_TAG=1,COS_DST=0,CPU=0,L3=0,SD_DIS=0,ST=1,HIT=
0,COS_SRC=0,TRUNK=0,TGID=0,RTAG=0,PORT=0x1a,SCP=0,MOD_ID=0>
ARL.0[0x2]:
<MAC_ADDR=0x1aa9068919,VLAN_TAG=1,COS_DST=0,CPU=0,L3=0,SD_DIS=0,ST=0,HIT=
1,COS_SRC=0,TRUNK=0,TGID=0,RTAG=0,PORT=0x18,SCP=0,MOD_ID=0>
ARL.0[0x3]:
<MAC_ADDR=0x1aa906d998,VLAN_TAG=1,COS_DST=0,CPU=0,L3=0,SD_DIS=0,ST=0,HIT=
1,COS_SRC=0,TRUNK=0,TGID=0,RTAG=0,PORT=0x19,SCP=0,MOD_ID=0>
ARL.0[0x4]:
<MAC_ADDR=0x1aa9070c09,VLAN_TAG=1,COS_DST=0,CPU=0,L3=0,SD_DIS=0,ST=0,HIT=
0,COS_SRC=0,TRUNK=0,TGID=0,RTAG=0,PORT=0x18,SCP=0,MOD_ID=0>
ARL.0[0x5]:
<MAC_ADDR=0x1aa9070c41,VLAN_TAG=1,COS_DST=0,CPU=0,L3=0,SD_DIS=0,ST=0,HIT=
1,COS_SRC=0,TRUNK=0,TGID=0,RTAG=0,PORT=0x18,SCP=0,MOD_ID=0>
ARL.0[0x6]:
<MAC_ADDR=0x1f160ad5d6,VLAN_TAG=1,COS_DST=0,CPU=0,L3=0,SD_DIS=0,ST=0,HIT=
1,COS_SRC=0,TRUNK=0,TGID=0,RTAG=0,PORT=0x19,SCP=0,MOD_ID=0>
ARL.0[0x7]:
<MAC_ADDR=0x1aa9070c55,VLAN_TAG=1,COS_DST=0,CPU=0,L3=0,SD_DIS=0,ST=0,HIT=
0,COS_SRC=0,TRUNK=0,TGID=0,RTAG=0,PORT=0x18,SCP=0,MOD_ID=0>
```

Dot1x

FFP

4.

GSN

FFP

Switch#sd

```
*****
*      DEBUG      (      1.0)      *
*****
```


IRULE.2[12]:

[illegible]

```
// mac      001f160ad5d6      IP+MAC      FFP
```

ACTION

1.0x2000

2.0x2002 TOS

```
00000000000000000000000000000000, PKTFORMAT=0, EPORT=0, IPORT=0, EGRSMOD=0, FS
EL=0xa, TOS_P=0, PRI=0, ACTION=0x2000, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNTER=
0, METERID=0, OUT_ACTIONS=0, OUT_DSCP=0, RESERVED_WORD=0>
//          172.18    ARP          FFP
IRULE.2[19]:
<FILTER=0x80600000000000000000000000000000d565c975fd22843a00000000000000000000
00000000000000000000000000000000, PKTFORMAT=0, EPORT=0, IPORT=0x15, EGRSMOD=0
, FSEL=0xb, TOS_P=0, PRI=0, ACTION=0x2000, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNT
ER=0, METERID=0, OUT_ACTIONS=0, OUT_DSCP=0, RESERVED_WORD=0>
IRULE.2[20]:
<FILTER=0x806000000000000000000000000000001f160ad5d6d22843500000000000000000000
00000000000000000000000000000000, PKTFORMAT=0, EPORT=0, IPORT=0x15, EGRSMOD=0
, FSEL=0xb, TOS_P=0, PRI=0, ACTION=0x2000, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNT
ER=0, METERID=0, OUT_ACTIONS=0, OUT_DSCP=0, RESERVED_WORD=0>
//          MAC    001f160ad5d6    ARP
IRULE.2[21]:
<FILTER=0x80600000000000000000000000000000000000000000000000000000000000ac1200fc0000
00000000000000000000000000000000, PKTFORMAT=0, EPORT=0, IPORT=0, EGRSMOD=0, FS
EL=0xc, TOS_P=0, PRI=0, ACTION=0x18, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNTER=0,
METERID=0, OUT_ACTIONS=0, OUT_DSCP=0, RESERVED_WORD=0>
IRULE.2[22]:
<FILTER=0x8000000000000000000000000000000000000000000000000000000000000043000000000000
00000000000000000000000000000000, PKTFORMAT=0, EPORT=0, IPORT=0, EGRSMOD=0, FS
EL=0xd, TOS_P=0, PRI=0, ACTION=0x18, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNTER=0,
METERID=0, OUT_ACTIONS=0, OUT_DSCP=0, RESERVED_WORD=0>
IRULE.2[23]:
<FILTER=0x8000000000000000000000000000000000000000000000000000000000000044000000000000
00000000000000000000000000000000, PKTFORMAT=0, EPORT=0, IPORT=0, EGRSMOD=0, FS
EL=0xd, TOS_P=0, PRI=0, ACTION=0x18, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNTER=0,
METERID=0, OUT_ACTIONS=0, OUT_DSCP=0, RESERVED_WORD=0>
IRULE.2[24]:
<FILTER=0xffff080000000000000000000000000020000000000000000000000000000000000000
00000000000000000000000000000000, PKTFORMAT=0, EPORT=0, IPORT=0, EGRSMOD=
0, FSEL=0xe, TOS_P=0, PRI=0, ACTION=0x18, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNT
ER=0, METERID=0, OUT_ACTIONS=0, OUT_DSCP=0, RESERVED_WORD=0>
IRULE.2[25]:
<FILTER=0x8060000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000, PKTFORMAT=0, EPORT=0, IPORT=0, EGRSMOD=0, FS
EL=0xf, TOS_P=0, PRI=0, ACTION=0, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNTER=0, MET
ERID=0, OUT_ACTIONS=0, OUT_DSCP=0, RESERVED_WORD=0>
IRULE.2[26]:
<FILTER=0x888e000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000, PKTFORMAT=0, EPORT=0, IPORT=0, EGRSMOD=0, F
```

```
SEL=0xf, TOS_P=0, PRI=0, ACTION=0x18, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNTER=0
, METERID=0, OUT_ACTIONS=0, OUT_DSCP=0, RESERVED_WORD=0>
```

```
RG_DEBUG.0>de
```

// FFP

```
Switch#conf t
```

Enter configuration commands, one per line. End with CNTL/Z.

```
Switch(config)#interface fa 0/22
```

```
2009-10-29 11:23:43 @5-CONFIG:Configured from outband
```

```
Switch(config-if)#no security address-bind enable
```

2009-10-29 11:23:55 @5-CONFIG:Configured from outband

```
Switch(config-if)#end
```

2009-10-29 11:23:58 @5-CONFIG:Configured from outband

// GSN

Switch#sd

```
*****
*          DEBUG  (  1.0 )          *
*****
```

```
RG_DEBUG.0>d irule.2
```

IRULE.2[2]:

```
<FILTER=0, PKTFORMAT=0, EPORT=0, IPORT=0x10, EGRSMOD=0, FSEL=0, TOS_P=0, PRI=0, ACTION=0x2002, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNTER=0, METERID=0, OUT_ACTION=0, OUT_DSCP=0, RESERVED_WORD=0>
```

IRULE.2[3]:

```
<FILTER=0, PKTFORMAT=0, EPORT=0, IPORT=0x11, EGRSMOD=0, FSEL=0, TOS_P=0, PRI=0, ACTION=0x2002, PORT=0, OUTPUTMOD=0, DIFFSERV=0, COUNTER=0, METERID=0, OUT_ACTION=0, OUT_DSCP=0, RESERVED_WORD=0>
```

IRULE.2[4]:

<FILTER=0, PKTFORMAT=0, EPORT=0, IPORT=0x12, EGRSMOD=0, FSEL=0, TOS_P44(LE)44(.2)444(Lo.953

[illegible]



00000000000000000000000000000000,PKTFORMAT=0,EPORT=0,IPT=0,EGRSMOD=0,FS
EL=0xd,TOS_P=0,PRI=0,ACTION=0x18,PORT=0,OUTPUTMOD=0,DIFFSERV=0,COUNTER=0,
METERID=0,OUT_

1.4.3

GSN

1.5

GSN

RG-S2100

1. dot1x

```
Interface fa 0/x
no dot1x port-control auto//    dot1x
security address-bind enable//    GSN
no security address-bind enable//    GSN
dot1x port-nln
```