



RG-INC Intent Network Commander

RG-ONC RG-INC

RG-INC-PRO-WLAN

RG-INC

INC-WLAN

INC-WLAN

INC-WLAN



- 1 PC
- 2 RG-INC-PRO
- 3 ubuntu-22.04.3-live-server-amd64.iso
- 4 RG-INC-PRO_1.52_Build20240722 RG-INC-PRO

- 1 Ubuntu
- 2 Ubuntu INC
- 3 INC

RG-INC-PRO

<https://www.ruijie.com.cn/fw/rj-cp-inc/>



RG-INC-PRO-Base

RG-INC

RG-INC-PRO-WLAN-NMC

RG-INC

RG-INC-PRO-WLAN-DEVICE-50

RG-INC
License

License

AC

```
Ruijie#conf
```

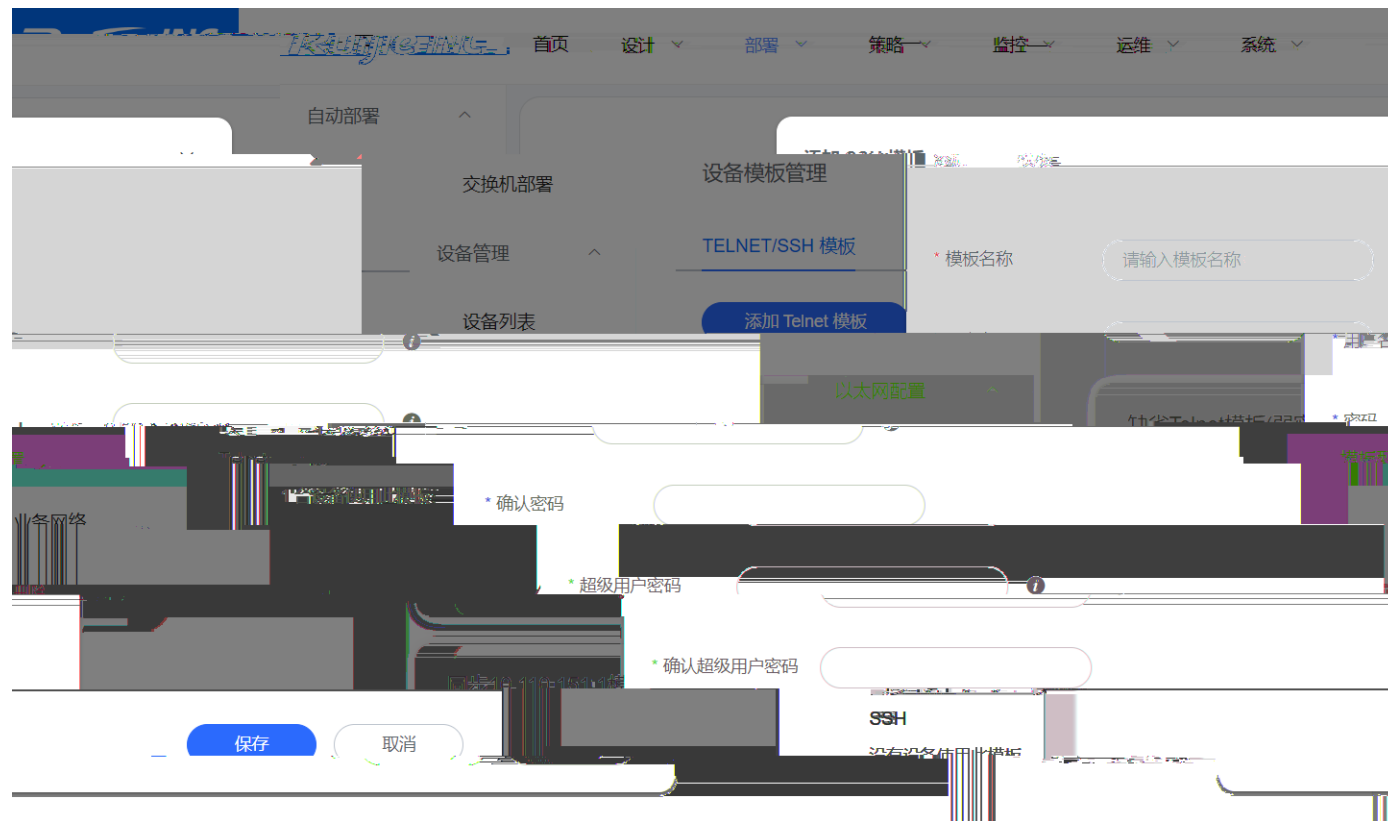
```
Ruijie(config)#inc-config grpc-config INC-IP 30001
```

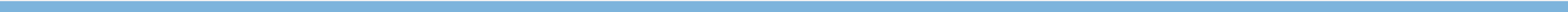
```
Ruijie(config)#enable service ssh-server
```

```
Ruijie(config)#line vty 0 4
```

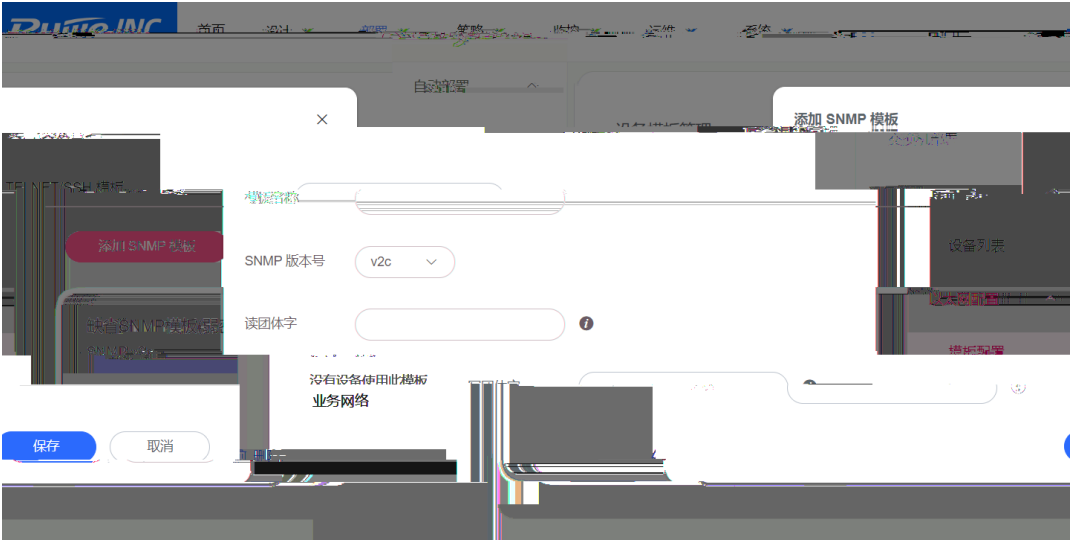
INC

TELNET/SSH



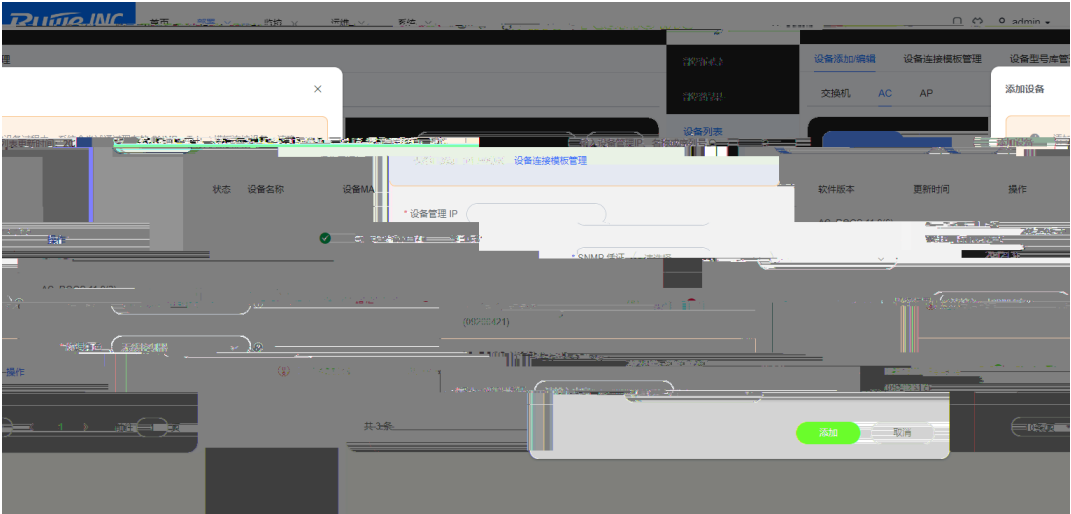


- - - SNMP



AC

- - - / -
IP SNMP Telnet/SSH



AC

GRPC

AP

GRPC

Ruijie(config)# grpc

Ruijie(config-grpc)# subscription 1

Ruijie(config-grpc-subscription)# sensor-group 1 sample-interval 300000 // AC

Ruijie(config-grpc-subscription)# sensor-group 2 sample-interval 300000 // AC

Ruijie(config-grpc-subscription)# sensor-group 3 sample-interval 120000 // AP 30

Ruijie(config-grpc-subscription)# sensor-group 4 sample-interval 1800000 // 30

Ruijie(config-grpc-subscription)# sensor-group 5 sample-interval 60000 // 30

Ruijie(config-grpc-subscription)# sensor-group 6 sample-interval 1800000 // AP AP

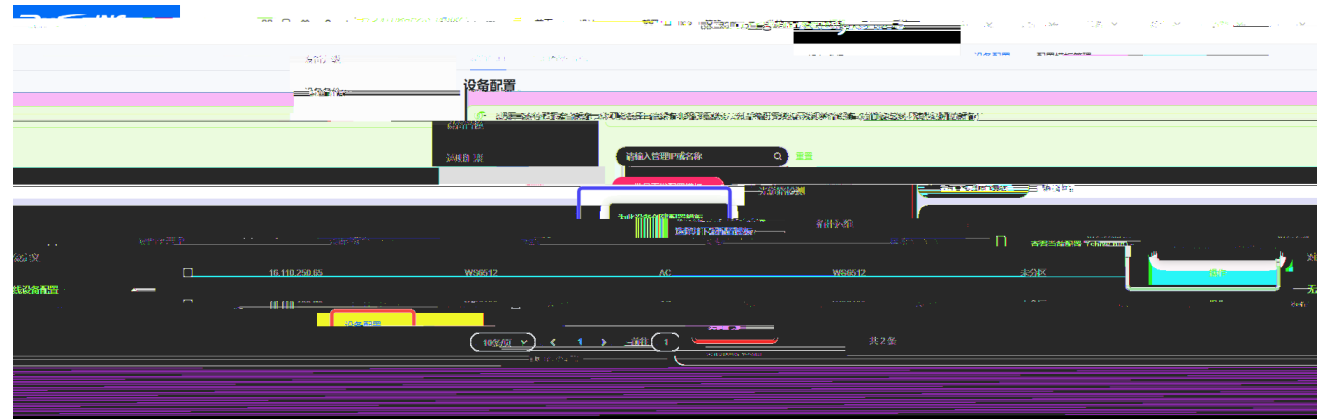
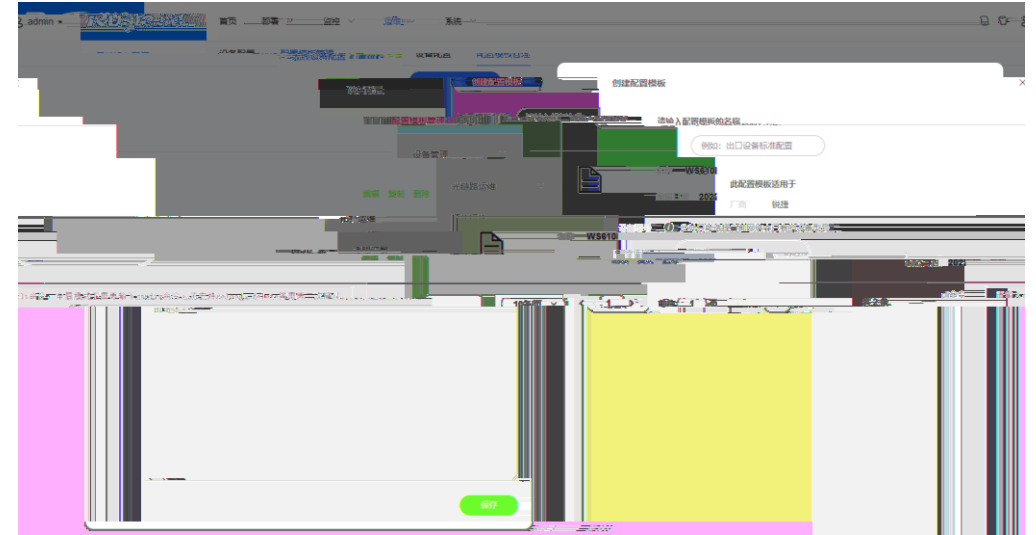
Ruijie(config-grpc-subscription)# sensor-group 7

Ruijie(config-grpc-subscription)# destination-group 1

Ruijie(config-grpc-subscription)# exit-grpc-subscription



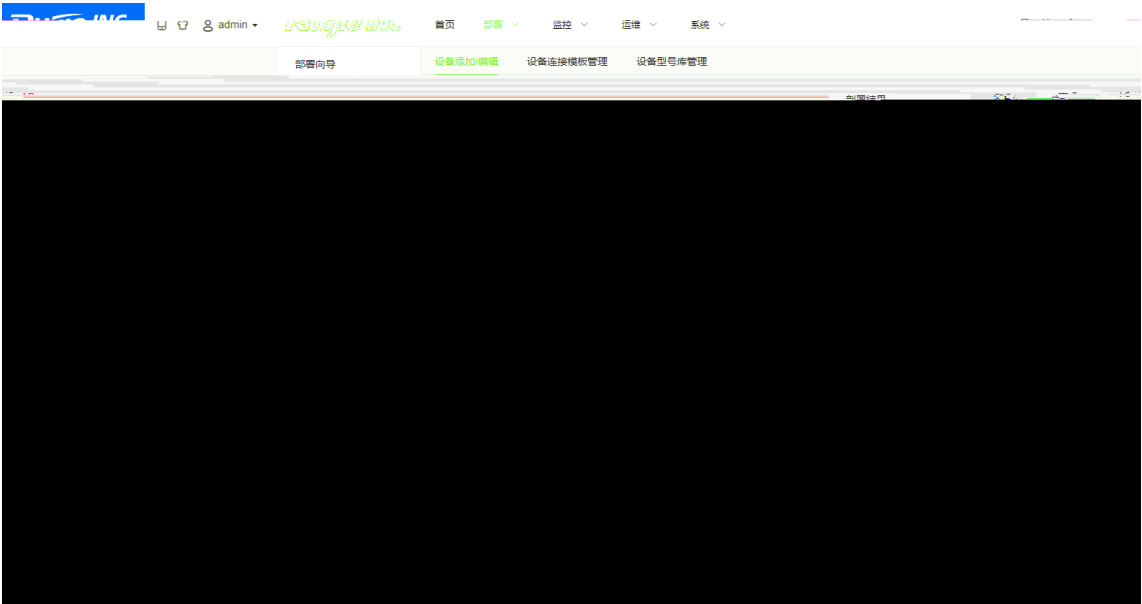
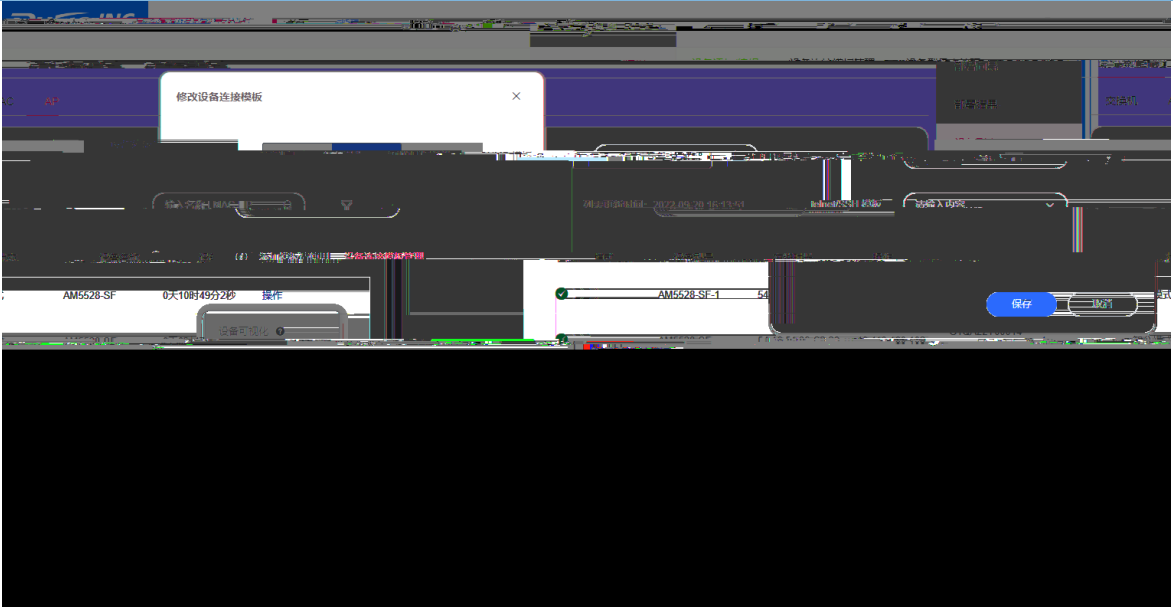
cli





+ - - / - AP -

SNMP Telnet/SSH





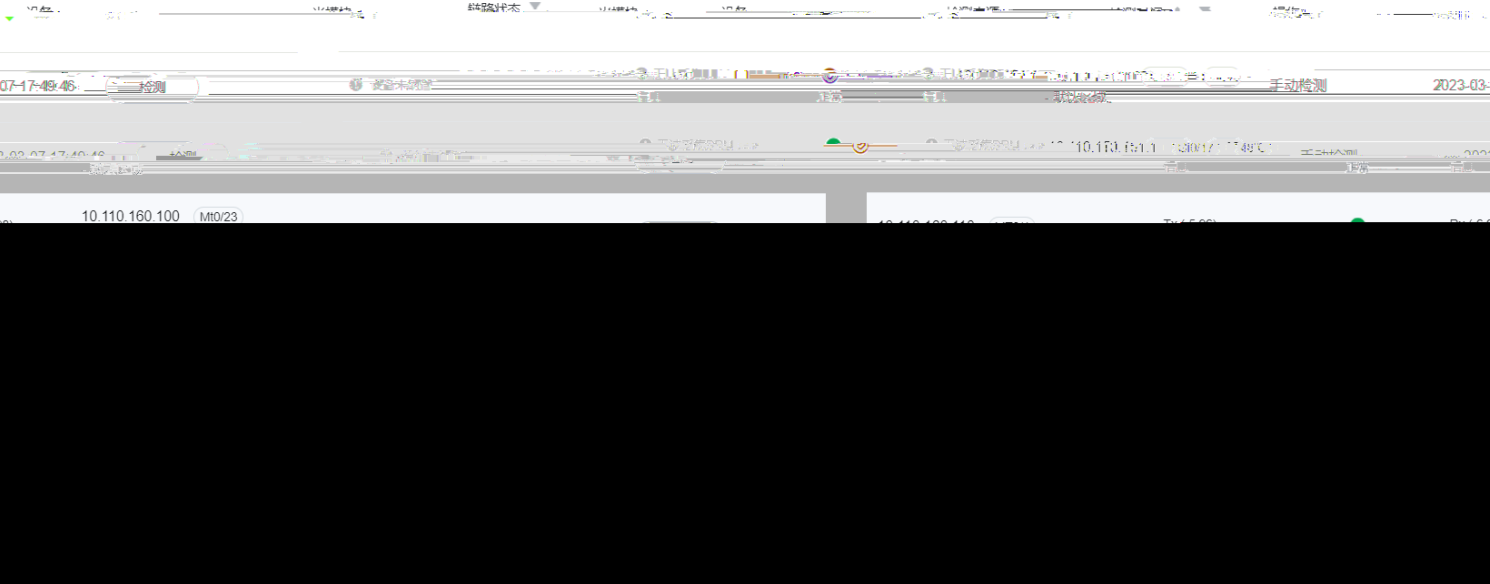
T

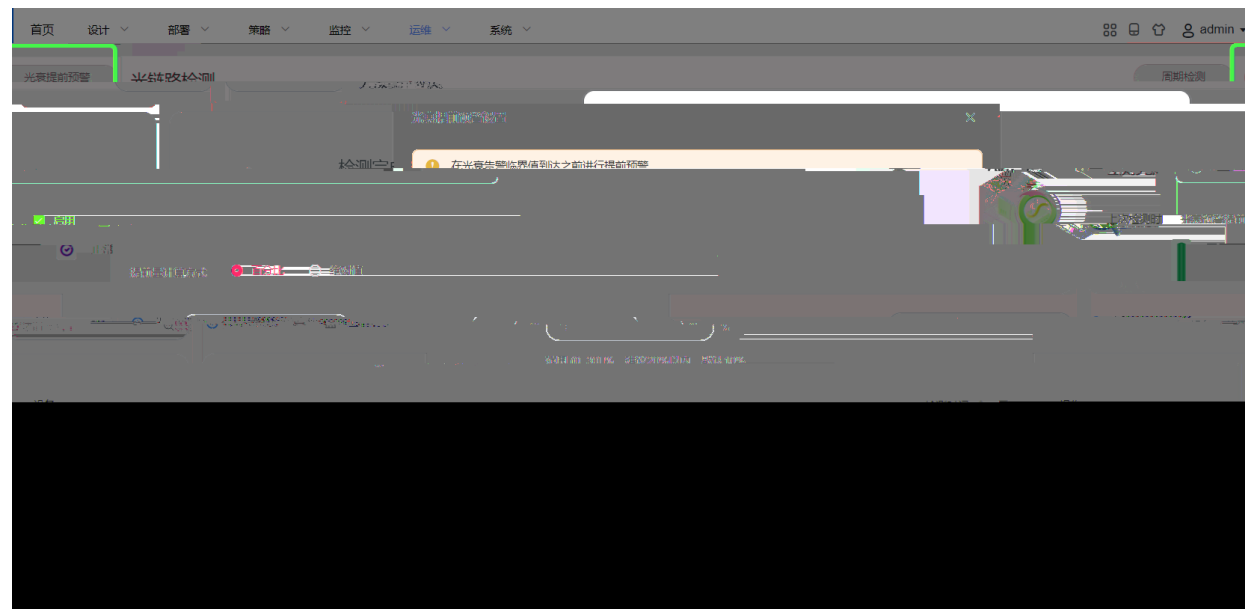
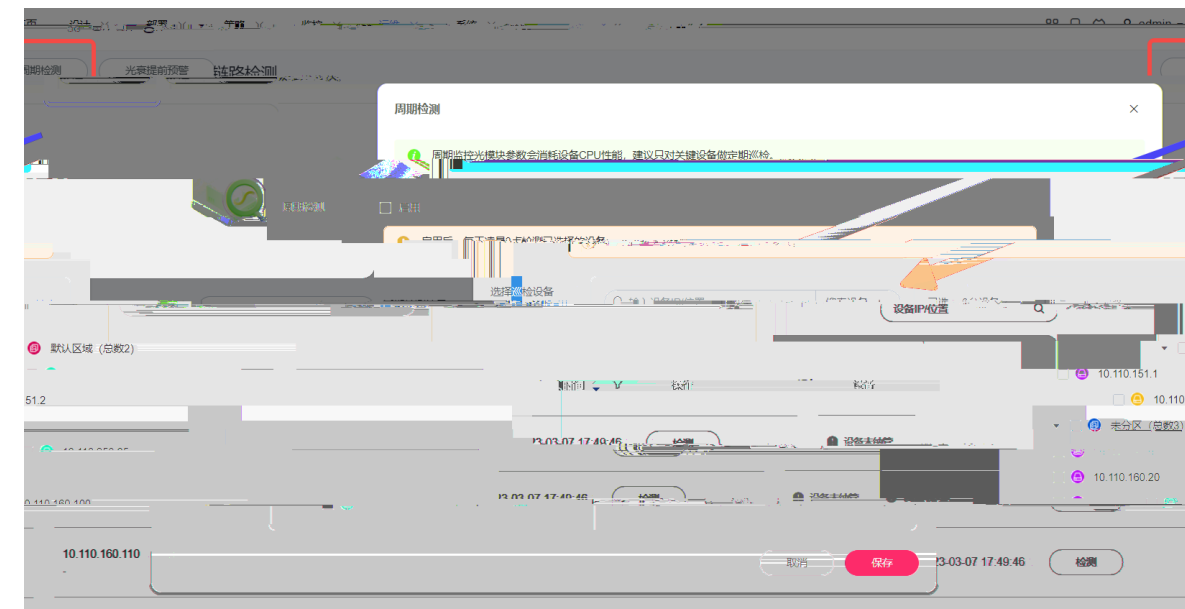
-

-

/







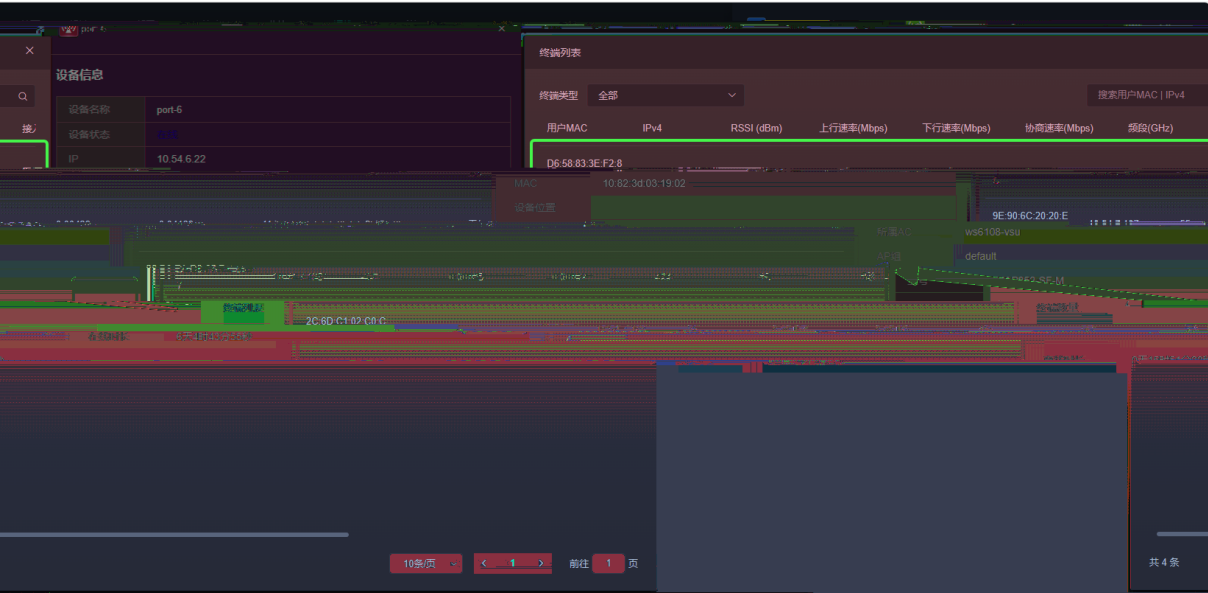
AP

AC/AM/AP





AP “ ” AP





1 show service // AC

SNMP SSH

```
WS6108(config)#show service
web-server : enabled
web-server(https): enabled
snmp-agent : enabled
telnet-server : enabled
WS6108(config)#
```

```
WS6108(config)#show service
web-server : enabled
web-server(https): enabled
snmp-agent : enabled
telnet-server : enabled
```

2 show run | in snmp // AC snmp

INC

```
snmp-server community ruijie@123 rw
```

3 show run | in snmp // AC snmp

INC

1 AC AC AC_RGOS 11.9(6)W2B1

2 show run | in inc // AC AC INC

```
WS6108(config)#show run | in inc
inc-config grpc-config 10.110.151.120 30001
```

3 GRPC AC INC

```
destination group 1:
...
count: 0
...
21:30001
...
state: READY
task list count: 0
task drop count: 0
send request count: 255
send update count: 255
recv response count: 255
destination: 10.110.151.1
...
53
67
553
553
30:30001
...
state: READY
task list count: 0
task drop count: 0
send request count: 255
send update count: 255
recv response count: 255
destination: 10.110.151.1
...
607
1
505
31:30001
...
state: READY
task list count: 0
task drop count: 0
send request count: 255
send update count: 255
recv response count: 255
destination: 10.110.151.1
...
52
...
date count: 25557
response count: 25553
...
FAILURE
...
state: TRANSIENT-FA
task list count: 0
...
...
count: 0
...
nt: 0
```



GRPC transient_failuer

INC

SSH

INC

sudo ufw status numbered

30001

sudo ufw allow 30001/tcp



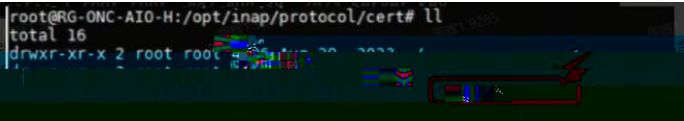
1

30001

GRPC

cd /opt/inap/protocol/cert/

server.crt



IP

INC-PRO

IP



INC-PRO

IP

cd /opt/inap/protocol/cert/

rm -rf server.crt //

rm -rf server.key //

docker restart `docker ps | grep protocol|awk '{print \$1}` //

AC

show grpc gnmi subscription

GRPC

ready()

30

INC

AP AM





□

```
1 SSH      INC
2          ifconfig
3          tcpdump -i          -w /opt/20230217.pcap
          tcpdump -i ens3 -w /opt/20230217_0.pcap
```

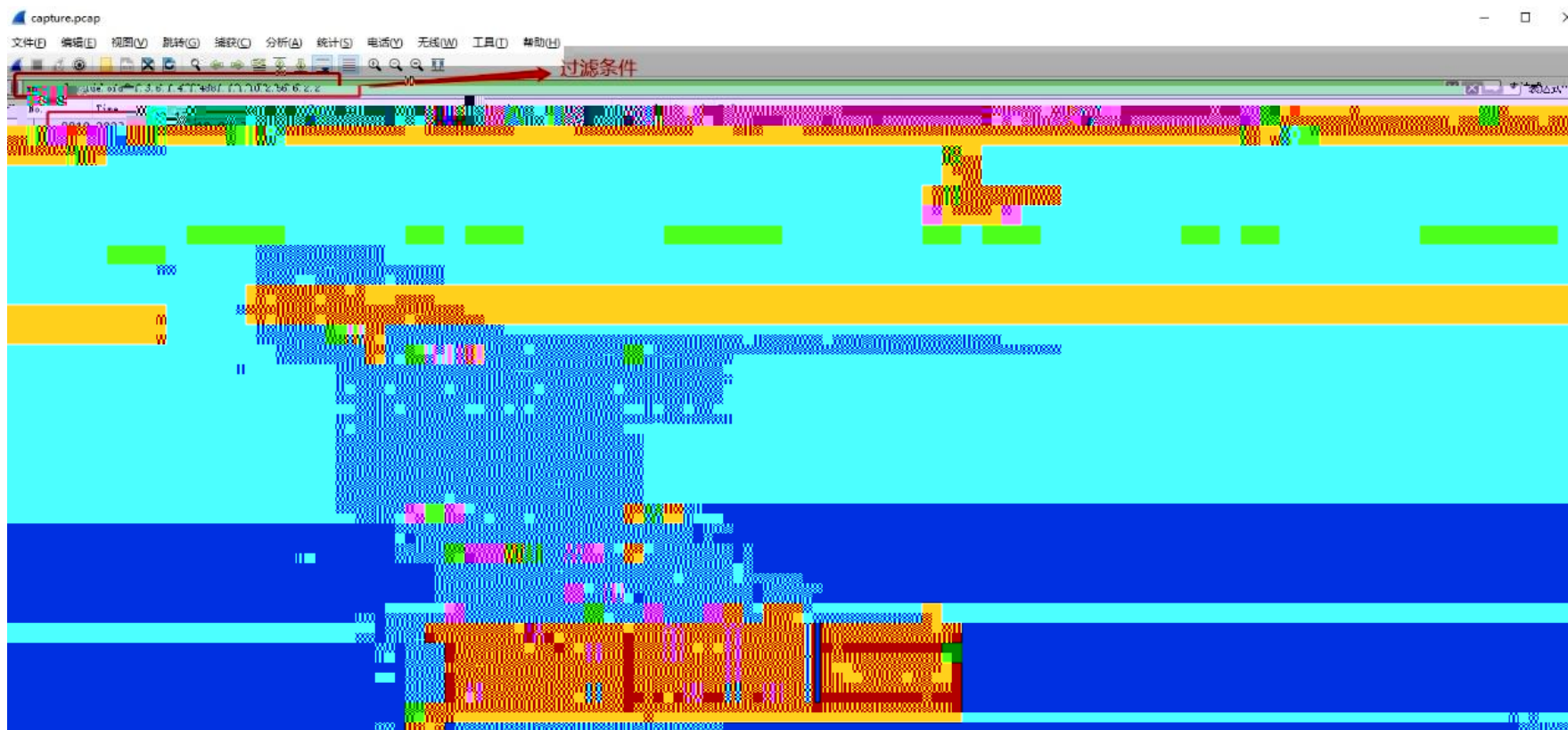
```
[root@localhost config]# ifconfig
docker0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 172.17.0.1 netmask 255.255.0.0 broadcast 172.17.255.255
    inet6 fe80::42:7bff:feae:29e4 prefixlen 64 scopeid 0x20<link>
    ether 02:42:00:00:00:00
    txqueuelen 1000 (0.0 MB)
    RX packets: 0 bytes (0.0 KB) 0 errors
    TX packets: 0 bytes (0.0 KB) 0 errors
    device not brought up
ens3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.110.151.155 netmask 255.255.255.0 broadcast 10.110.151.255
    inet6 fe80::20c:29ff:fe00:0000 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:00:29:00
    txqueuelen 1000 (0.0 MB)
    RX packets: 1000 bytes (1.0 KB) 0 errors
    TX packets: 1000 bytes (1.0 KB) 0 errors
    device not brought up
```

网卡名称

服务器IP

□

snmp.value.oid==1.3.6.1.4.1.4881.1.1.10.2.56.6.2.2



INC-WLAN

INC AC

INC-WLAN

INC-WLAN

THANKS

29

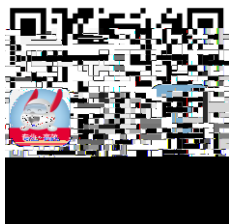
100036

Office Tel: 010-51715999

Fax: 010-51413399

4008-111-000

www.ruijie.com.cn



A 11

