

# SNR

SNR. CLI (Command Line Interface) WEB-.

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- WEB-
- CLI
- IP-
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- WEB-
- VLAN, L3- VLAN
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- Uplink-
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- WEB-
- HTTP

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- Serial- Console , ;
- (Putty, Minicom, HyperTerminal) :
- Serial- ;
- 9600;
- : 8 , 1 , ;
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- 



! S2995G S3850G 115200 .

WEB-

IP- 192.168.1.1. WEB-, IP- ( 192.168.1.2), Ethernet- 192.168.1.1. admin/admin.

CLI

- , :  
• , '>' . , 'enable';  
• , '#';  
• , 'config'. - '(config)#';  
• 'exit';  
• , 'write' 'copy running-config startup-config' ;  
• TAB, ;  
• " " .



, 1.2 SNR

IP-

VLAN 1, . IP- :

```
switch#conf
switch(config)#int vlan1
switch(config-if-vlan1)#ip add 192.168.1.100 255.255.255.0
```

#### WEB-

- Port configuration -> VLAN interface configuration -> L3 interface IP address mode configuration

The screenshot shows the VAG web interface. On the left is a tree view with the following structure:

- VAG
  - SNR-S2985G-8T-POE
    - Switch basic configuration
    - Module management
    - Port configuration
      - Ethernet port configuration
      - VLAN interface configuration
        - Add interface VLAN
        - L3 interface IP address mode configuration

On the right is the 'L3 interface IP address mode configuration' form:

VLAN interface	Vlan1 ▼
IP mode	Specify IP address ▼
Interface IP address	192.168.1.100
Interface network mask	255.255.255.0
Operation	Add ▼
Apply	



WEB 'Save and Exit', .

#### VLAN, L3- VLAN

```
switch(config)#vlan 2
switch(config-vlan2)#switchport interface e1/0/2
switch(config-vlan2)#exit
switch(config)#int vlan2
switch(config-if-vlan2)#ip add 192.168.2.100 255.255.255.0
```

#### WEB-

- VLAN: VLAN configuration -> VLAN configuration -> Create/Remove VLAN -> VLAN ID configuration;
- : VLAN configuration -> VLAN configuration -> Assign ports for VLAN -> Assign ports for VLAN;
- L3-: Port configuration -> VLAN interface configuration -> Add interface VLAN;
- IP-: Port configuration -> VLAN interface configuration -> L3 interface IP address mode configuration.

VAG

- SNR-S2985G-8T-POE
  - Switch basic configuration
  - Module management
  - Port configuration
  - MAC address table configuration
  - VLAN configuration
    - VLAN configuration
      - Create/Remove VLAN
        - VLAN ID configuration**
      - Assign ports for VLAN
      - Port type configuration

**VLAN ID configuration**

VLAN ID	2
VLAN Name	
VLAN Type	<div style="border: 1px solid #ccc; padding: 2px;">▼</div>
Operation	<div style="border: 1px solid #ccc; padding: 2px;">Add ▼</div>
<div style="border: 1px solid #ccc; padding: 5px 20px;">Apply</div>	

**VLAN ID information**

VLAN ID	VLAN Name	VLAN Type
1	default	universal vlan

**Assign ports for VLAN**

VLAN ID	2 ▼
Port	<div style="border: 1px solid #ccc; padding: 2px;">Ethernet1/0/2 ▼</div>
Operation	<div style="border: 1px solid #ccc; padding: 2px;">Add ▼</div>
<div style="border: 1px solid #ccc; padding: 5px 20px;">Apply</div>	

**Information feedback window**

2 100 /:

WEB-

- Port configuration -> Ethernet port configuration -> Bandwidth control configuration

NAG

SNR-S2985G-8T-POE

- Switch basic configuration
- Module management
- Port configuration
  - Ethernet port configuration
    - Port layer 1 attribution configuration
    - Bandwidth control configuration

**Bandwidth control configuration**

Port	Bandwidth control level	Control type	Operation
Ethernet1/0/2	100000	Both	Configuration

Apply

**Port list**

Port	Ingress bandwidth threshold(Kb)	Egress bandwidth threshold(Kb)
Ethernet1/0/1	1000000	1000000

## Uplink-

, 9, VLAN 2:

```
switch(config-if-ethernet1/0/9)#switchport mode trunk
switch(config-if-ethernet1/0/9)#switchport trunk allowed vlan 2
```

## WEB-

- : VLAN configuration -> VLAN configuration -> Port type configuration -> Set port mode(access/hybrid/trunk)
- VLAN: VLAN configuration -> VLAN configuration -> Trunk port configuration -> VLAN setting for trunk port

NAG

SNR-S2985G-8T-POE

- Switch basic configuration
- Module management
- Port configuration
- MAC address table configuration
- VLAN configuration
  - VLAN configuration
    - Create/Remove VLAN
    - Assign ports for VLAN
    - Port type configuration
      - Set port mode(access/hybrid/trunk)

**Port mode configuration**

Port	Ethernet1/0/9
Type	trunk
State	Enable VLAN ingress check

Apply

**Port mode configuration**

Port	Type	State
Ethernet1/0/1	access	Open
Ethernet1/0/2	access	Open

, ,

'admin', . 'nag', 'admin' :

```
(config)#username nag privilege 15 password nag
(config)#no username admin
(config)#username nag password nagnag
```

## WEB-

- Switch basic configuration -> Switch basic configuration -> Login user configuration

NAG

- SNR-S2985G-8T-POE
  - Switch basic configuration
    - Switch basic configuration
      - Login user configuration
      - Login user authentication
      - Login user security IP ma
      - Basic configuration

**Login username and password configuration**

User	<input type="text" value="admin"/>	
Password	<input type="password"/>	<input type="checkbox"/> Encrypted text
Priority	<input type="text"/>	
Operation	Remove ▼	

NAG

- SNR-
  - Sw
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    - 
    - 
    - 
    -

SNR Telnet HTTP . SSH Telnet, ... . HTTP:

```
(config)#ssh-server enable
(config)#no telnet-server enable
(config)#no ip http server
```

#### WEB-

- Switch basic configuration -> SSH management -> Switch on-off SSH
- Switch basic configuration -> Telnet server configuration -> Telnet server state
- SSL config -> IP HTTP server configuration

NAG

- SNR-S2985G-8T-POE
  - Switch basic configuration
    - Switch basic configuration
    - SNMP configuration
    - SSH management
      - Switch on-off SSH

**Switch on-off SSH**

Switch on-off SSH	Open ▼
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NAG

- SNR-S2985G-
  - Switch ba
    - Switch
    - SNMP c
    - SSH ma
    - Firmwa
    - Telnet s
      - Telne

**HTTP**

NOS - TFTP/FTP-  
Boot- .

- Switch basic configuration -> Firmware update -> HTTP service
- Switch basic configuration -> Switch basic configuration -> Save current running-configuration

- Cluster basic configuration
- Authentication configuration
- PoE Config
- DOS attack protection configura
- SSL config
  - IP HTTP server configuration
  - SSL global configuration
  - SSL server monitor port con

**IP HTTP server configuration**

IP HTTP server status	Disable
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**Information feedback window**

IP HTTP server status	Enable
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- NAG
- SNR-S2985G-8T-POE
    - Switch basic configuration
      - Switch basic configuration
      - SNMP configuration
      - SSH management
      - Firmware update
        - TFTP service
        - FTP service
        - HTTP service
      - Telnet server configuration
      - Maintenance and debugging
    - Module management
    - Port configuration
    - MAC address table configuration
    - VLAN configuration
    - IGMP Snooping configuration

HTTP service		
File	O63op...	S2985.img
Local file name	nos.img	
File type	Img file ▼	
<div>Apply</div>		

Information feedback window

File name is nos.img, file size is 12874335(bytes).

Begin to write local file, please wait...

Write ok.



SNR .