

/VLAN SNR

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/VLAN SNR **Bandwidth Control**, **Service Policy**. .

Bandwidth Control

Bandwidth Control :

```
bandwidth control {1-1000000 Kbps} {receive/transmit/both}
```

. . .

Service Policy

, VLAN, Service Policy. , VLAN:

```
class {class_name}  
  match vlan {vlan_id}
```

:

```
policy-map {policy_map_name}  
  class {class_name}
```

'policy'. policy . SNR.

, policy-map , accountig policy-map:

```
Switch#conf  
Switch(config)#policy-map test  
Switch(config-policy-map-test)#class test  
Switch(config-policy-map-test-class-test)#accounting
```

- :

```
show mls qos (in|out) interface ethernet 1/0/x policy
```

- , policy-map, *input output* *in out* .

SNR-S2962, SNR-S2982G, SNR-S2965, SNR-S2985G

policy policy-map - class-map CIR () burst-group:

```
policy-map {policy_map_name}  
  class {class_name}  
  policy <kbps> burst-group 1
```

Burst-group CBS ():

```
policy burst 1 <Kbytes>
```

CBS - 8192.



!

CBS , 1,5. $CBS = CIR (bps) * 1,5 / 8$.

service-policy VLAN, :

```
service-policy input {policy_map_name} vlan {vlan_id}
```



!

S2962, S2982G, S2965, S2985G service-policy input!

SNR-S2995G, SNR-S3850G

policy policy-map - class-map CIR (), CBS () PBS (). CBS (exceed-action) PBS (violate-action):

```
policy {CIR} {CBS} {PBS} exceed-action <> violate-action <>
```



!

- CBS , 1,5. $CBS = CIR (bps) * 1,5 / 8$;
- PBS CBS, 2;
- , CBS PBS - violate.

service-policy VLAN, :

```
service-policy {input | output} {policy_map_name} vlan {vlan_id}
```



!

S2995G S3850G service-policy input, output. .