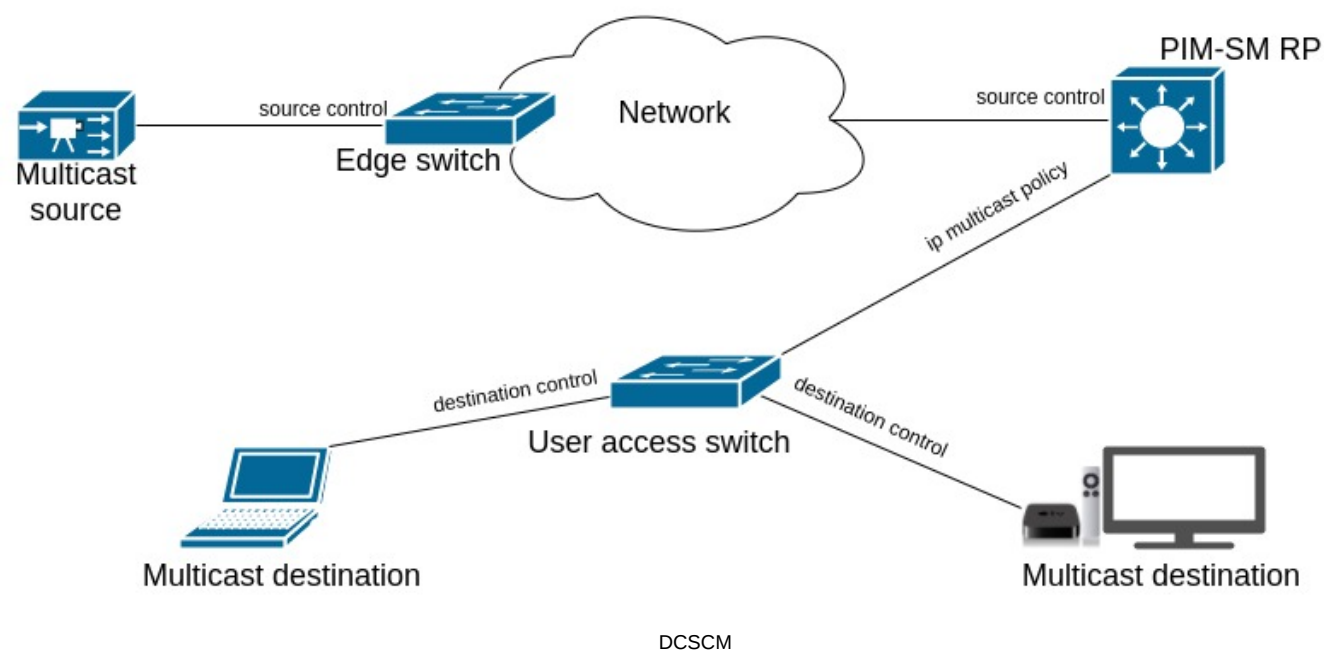


DCSCM (Destination Control Source Control Multicast) SNR

- [Multicast Source Control](#)
- [Multicast Destination Control](#)
- [Multicast Policy](#)

DCSCM (Destination Control Source Control Multicast) - , multicast- .

SNR DCSCM : Multicast Source Control, Multicast Destination Control, Multicast Policy.



Multicast Source Control

, , , Rendezvous Point (RP).

Multicast Source Control :

```
ip multicast source-control
```

! !
! Multicast Source Control multicast- !

ACL. Source Control IP Multicast ACL 5000-5099, IP Multicast ACL . IP Multicast ACL IP ACL:

```
access-list <5000-5099> {deny | permit} ip {any | host-source} <ip_mask> {any | host-destination} <ip_mask>
```

- ip {any | host-source} <ip_mask> - multicast;
- {any | host-destination} <ip_mask> - multicast-.

! !
ACL , .

, ACL, 239.0.0.0/24, 10.0.0.1 :

```
!  
access-list 5000 permit ip any-source 239.0.0.0 0.0.0.255  
access-list 5000 permit ip host-source 10.0.0.1 any-destination  
!
```

multicast:

```
ip multicast source-control access-group <5000-5099>
```

Multicast Destination Control

IGMP-, IGMP-Join multicast. Multicast Destination Control IGMP Snooping, VLAN, .

```
!  
ip igmp snooping  
ip igmp snooping vlan <>  
multicast destination-control  
!
```

Multicast Destination Control, Multicast Source Control, IP Multicast ACL 6000-7999, IP Multicast ACL . ACL Destination Control Source Control:

```
access-list <6000-7999> {deny | permit} ip {any | host-source} <ip_mask> {any | host-destination} <ip_mask>
```

- ip {any | host-source} <ip_mask> - multicast (IGMPv3-report);
- {any | host-destination} <ip_mask> - multicast-.



!

Source Control, , ACL , .

, , multicast- 239.0.0.0/24, ACL:

```
access-list 6000 permit ip any-source 239.0.0.0 0.0.0.255
```

, , IP-, MAC-VLAN.
:

```
ip multicast destination-control access-group <6000-7999>
```

VLAN-MAC ():

```
ip multicast destination-control <1-4094> <mac-addr> access-group <6000-7999>
```

IP- ():

```
ip multicast destination-control <ip_mask> access-group <6000-7999>
```

multicast- [IGMP Authentication](#).

Multicast Policy

CoS 802.1Q multicast- . / :

```
ip multicast policy <source_ip_mask> <group_ip_mask> cos <0-7>
```

