

Super VLAN IP Unnumbered SNR

Super VLAN - IP Unnumbered Cisco, IP- VLAN L3-.

Super VLAN IP Unnumbered , Super VLAN VLAN, SVI, , subvlan. , IP- , DHCP Snooping Binding . IP- - , Cisco.

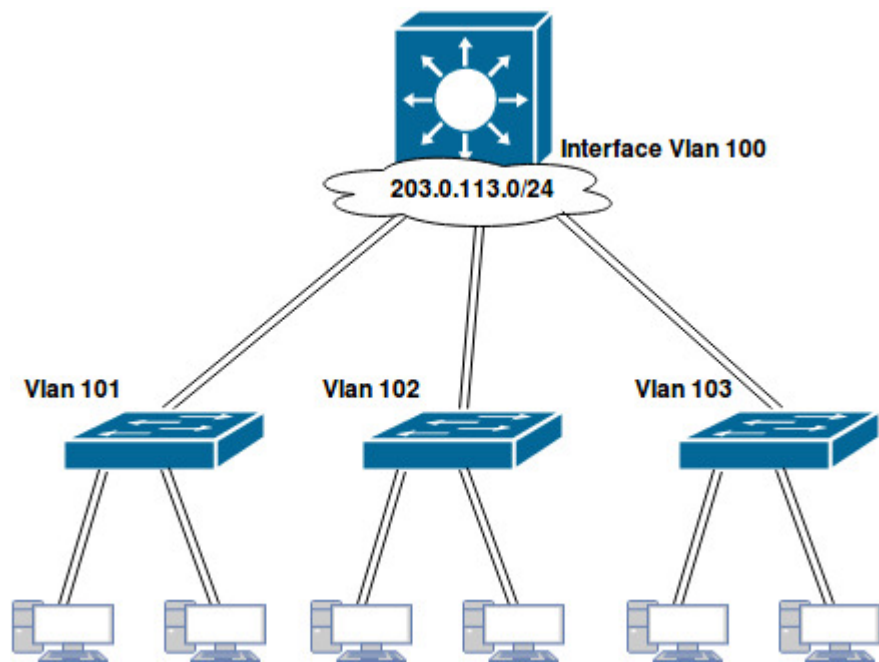
Super VLAN:

- , IP-;
- L2-, L3-, .

Super VLAN S2990, S2995G, S3850G, S300X, S300G, S4550, SNR-S2980G-24F, SNR-S3650G-24/48S, SNR-S3750G-24/48S-E.

, Super VLAN:

- Super VLAN, VRRP, Dynamic VLAN, Private VLAN, Multicast VLAN , ;
- Super VLAN 127 subvlan (S4550 - 512).



, subvlan L3 , Super VLAN .

VLAN, Super VLAN:

```
vlan 101-103
```

Super VLAN subvlan:

```
vlan 100
supervlan
subvlan 101-103
exit
```

L3- IP-:

```
int vlan 100
ip address 203.0.113.1 255.255.255.0
```

IP- , subvlan Proxy ARP. , subvlan:

```
int vlan 100
arp-proxy subvlan all
```

 !

S2995G,S3850G,S300G,S4550 'local-arp enable', Proxy ARP.

, ARP- (subvlan). CPU. subvlan IP-:

```
int vlan 100
arp-check-range subvlan 101 203.0.113.10 to 203.0.113.19
arp-check-range subvlan 102 203.0.113.20 to 203.0.113.29
arp-check-range subvlan 103 203.0.113.30 to 203.0.113.39
```

ARP- subvlan.

Super VLAN, subvlan :

```
Switch#show supervlan
```

VLAN	Name	Type	sub	VLAN Ports
100	VLAN0100	Universal	101	Ethernet1/0/1
			102	Ethernet1/0/2
			103	Ethernet1/0/3