

# Configuration des VLAN

Virtual Local Area Network

## Augmenter le nombre max de vlan

```
Procurve switch 2650(config)# max-vlan 100
```

Command will take effect after saving configuration and reboot

Par défaut, le nombre max de vlan est de 8

## Création d'un VLAN

```
Procurve switch 2650(config)# vlan 100 name voix
Procurve switch 2650(config)# vlan 101 name data
Procurve switch 2650(config)# vlan 102 name wifi
```

## Suppression d'un VLAN

```
Procurve switch 2650(config)# no vlan 102
```

## Ajouter un port non taggué à un VLAN

```
Procurve switch 2650(config)# vlan 100
Procurve switch 2650(vlan-100)# untagged ethernet 1
Procurve switch 2650(vlan-100)# untagged ethernet 10-12
```

## Ajouter un port taggué à un VLAN

```
Procurve switch 2650(config)# vlan 101
Procurve switch 2650(vlan-101)# tagged ethernet 2
Procurve switch 2650(vlan-101)# tagged ethernet 20-22
```

## Assigner une adresse IP à un VLAN

```
Procurve switch 2650(config)# vlan 1
Procurve switch 2650(vlan-1)# ip address 192.168.1.100 255.255.255.0
```

## Configurer un port en mode mixte

```
Procurve switch 2650(config)# vlan 100
Procurve switch 2650(vlan-100)# tagged ethernet 30
Procurve switch 2650(vlan-100)# exit
Procurve switch 2650(config)# vlan 101
Procurve switch 2650(vlan-101)# untagged ethernet 30
```

## Configuration en mode Trunk

```
ProCurve Switch 2650(config)# vlan 100
ProCurve Switch 2650(vlan-100)# tagged ethernet 48
ProCurve Switch 2650(vlan-100)# exit
ProCurve Switch 2650(config)# vlan 101
ProCurve Switch 2650(vlan-101)# tagged ethernet 48
ProCurve Switch 2650(vlan-100)# exit
ProCurve Switch 2650(config)# vlan 102
ProCurve Switch 2650(vlan-101)# tagged ethernet 48
ProCurve Switch 2650(vlan-101)# exit
```

Tagger tous les VLAN sur le même port

## Vérification

```
Procurve switch 2650# show vlan
```

Status and Counters - VLAN Information

Maximum VLANs to support : 100

Primary VLAN : DEFAULT\_VLAN

Management VLAN :

802.1Q VLAN ID NAME Status Voice

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1 [ ] DEFAULT\_VLAN [ ] Port\_based [ ] No

100 [ ] voix [ ] Port\_based [ ] No

101dataPort\_basedNo

ProCurve Switch 2650# show vlan ports Ethernet 48

Status and Counters - VLAN Information - for ports 48

| 802.1Q | VLAN ID      | Name       | Status | Voice |
|--------|--------------|------------|--------|-------|
| -----  |              |            |        |       |
| 1      | DEFAULT_VLAN | Port-based | No     |       |
| 100    | data         | Port-based | No     |       |
| 101    | voix         | Port-based | No     |       |

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