Remote management of the R5000 units with firmware "MINTv1.89.12" or lower

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In previous **WANFleX** firmware versions (till "*MINTv1.90.0*") configuration options "*Management VLAN*" ("*local-tag*" in CLI) and "*Admin*" ("*admin-group*" in CLI) were used to create logical management interface.

However, such approach demanded deeper immersion to switching process of **InfiNet Wireless R5000** units which is different and uncommon to generic switching and vlan management approaches.

That is why InfiNet Wireless has developed SVI and VLAN logical interfaces for MINT firmware. Starting from firmware "*MINTv1.90.0*" old options "*admin-group*" and "*local-tag*" are no longer supported. And if you want to make a management interface, you should use SVI interface approach.

> ⚠ **CAUTION**
>
> Please note, that it is necessary to go to the SVI interface in management even if you are using the old firmware versions thru "*MINTv1.87.0*" and then to perform upgrade to the latest current version.

In order to avoid a lot of problems with migration, please follow step-by-step migration procedure from old configuration to new one via:

- CLI
- Web GUI

CLI

To use new SVI interface approach "*local-tag*" and "*admin-group*" parameters must be disabled. In order to do this please proceed the following steps:

- **Step 1**

In order to avoid incorrect system operation due to the entered configuration, please execute the following command

```
restart 180
```

- **Step 2**

Enter the following commands in one line:

```
ifc eth0 -alias; switch local-tag; switch admin-group 0; switch group 100 add eth0 rf5.0; switch group 100
start; switch group 100 order 1; switch start; ifc svi100 up; svi 100 group 100; ifc vlan100 up; ifc
vlan100 vlan 100 vlandev svi100; ifconfig vlan100 10.0.0.100/24;
```

First part of line deletes old configuration values:

```
ifc eth0 -alias; switch local-tag; switch admin-group 0;
```

Second part of line creates SVI and assigns it to the desired switch group (switch group "*100*" and management IP-address "*10.0.0.100/24*" are used for this example):

```
switch group 100 add eth0 rf5.0; switch group 100 start; switch group 100 order 1; switch start; ifc svi100
up; svi 100 group 100; ifc vlan100 up; ifc vlan100 vlan 100 vlandev svi100; ifconfig vlan100 10.0.0.100/24;
```

- **Step 3**

If everything works properly, stop the restart. If not, the previous configuration is automatically restored after a grace period of 180 seconds (3 minutes).

```
restart stop
```

- **Step 4**

Save the entered configuration

```
config save
```

Web GUI

Go to the "Basic Settings" page and then to the "MAC Switch" -> "IGMP Snooping" menu.

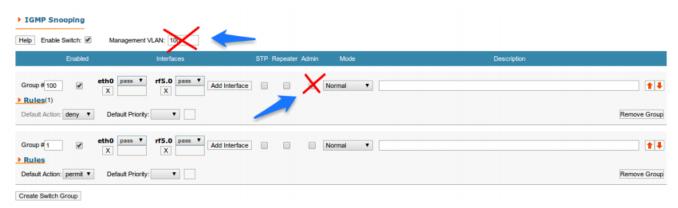Uncheck box "*Admin*" and remove any numbers in the "*Management VLAN*" field

Figure - Disable "Admin" and "Management VLAN" parameters

> ⚠️ **NOTE**
>
> Please note, you can uncheck "*Admin*" and remove "*Management VLAN*" value only using firmware version "*MINTv1.89.12*" or lower.

To set up vlan management using SVI and VLAN interfaces please proceed to the "Remote management of the R5000 units" section of "InfiNet Wireless R5000 - Web GUI" - Technical User Manual.