

## 知 How to clean the vlan id of the vswitch from backend of CAS?

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### Problem Description

It is recommended to operate the modification of CAS vswitch in the web configuration page. However sometimes due to the misoperation, a wrong vlan configuration cause a disconnection between the CVM and CVK, CVM can not take control the CVK. In this situation, it can only be operated in the backend. The CVK that has joined the cluster can not modify the configuration directly on the xconsole interface, and have to operate by command line in backend.

So how does CAS clear the vlan id of switch in the backend?

## Solution

first excute the command `ovs_dbg_listports` or `ovs-vsctl show` to find the port name of the vswitch which need to clear the valn.

For example vlan 17 of vnet0 need to be cleared.

Type	Name	MAC	IP	OFPort	Vlanx	MTU	VMName	VNC Filter
<i>vswitch0 (vsw)</i>								
int	vswitch0	0cda411db94a	10.125.32.216	65534/2		1500		
	vnet0	0cda411deb2e			2/3	1500	cirros_2	5900
	vnet1	0cda411d6b82			3/4	1500	cirros_2	5900 FW_b

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Excute `ovs-vsctl clear port vnet0 tag` (vnet0 can be replaced by the port you need to modify). After that check the info again, the vlan corresponding to vnet0 has been cleared.

```
root@cvknode216:~# ovs-vsctl clear port vnet0 tag
root@cvknode216:~# ovs_dbg_listports
```

PCI	NAME	LW	IO	NUM	SRIO	MTU	DEV	IP	VEN:DEV	DES
	0000:00:03.0 eth0					1500	u/u	-1	0c:da:41:1d:b9:4a	0x1af4:0x1000 vi
<i>vswitch0 (vsw)</i>										
int	vswitch0					1500				
	vnet0					1500			2/3	cirros_2 5900
	vnet1					1500			3/4	cirros_2 5900 FW
	eth0					1500			1/1	00:03.0

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	eth0					1500			1/1	00:03.0

