

# VC Management

## Overview

Virtual circuits management. Simple database of allocated VC identifiers of different types.

VCs are separated into VC Domains while remain unique within VC Domain and own kind.

Supported VC Types:

- 802.1Q VLAN
- 802.1ad Q-in-Q VLAN stack
- FrameRelay DLCI
- MPLS label stack (up to 2 labels)
- ATM VPI/VCI
- X.25 logical groups/logical channel

## Terminology

- **VC** - virtual circuit. Combination of one or two L2/L2.5 labels. Common examples: VLANs, VLAN stacks.
- **VC Domain** - Administrative entry within all VCs of any given type are unique

The screenshot displays a web-based interface for managing virtual circuits (VCs). At the top, there is a search bar and navigation buttons for 'Add', 'Add First Free', and 'Import'. Below this is a table with columns for 'VC Domain', 'State', 'Name', 'Proj', 'Label', 'Int.', 'Description', 'Prefixes', and 'Tags'. The table lists various VCs, including VLANs (e.g., VLAN23, VLAN24, VLAN25, VLAN27, Vlan28, Vlan\_31, VLAN35, vlan\_38, VLAN42, VLAN43, VLAN44, VLAN45, VLAN50) and other types like 'Optical Switch' and 'NetRing'. A 'Filter' sidebar on the right allows filtering by 'VC Domain', 'State', 'Project', 'VC Filter', and 'Tags'. The bottom of the interface shows a pagination bar indicating 'Page 11 of 346' and 'Displaying 131 - 143 of 4492'.

VC Domain	State	Name	Proj	Label	Int.	Description	Prefixes	Tags
	ALLOCATED	VLAN23		23	27	...	-	
	ALLOCATED	VLAN24		24	4	...	100.100.250.40...	
	ALLOCATED	VLAN25		25	32	...	...	
	ALLOCATED	VLAN27		27	11	...	-	
	ALLOCATED	Vlan28		28	2	...	-	
	ALLOCATED	Vlan_31		31	1	...	-	
	ALLOCATED	VLAN35		35	8	...	...	
	ALLOCATED	vlan_38		38	3	...	-	
	ALLOCATED	VLAN42		42	15	...	-	
	ALLOCATED	VLAN43		43	12	...	-	
	ALLOCATED	VLAN44		44	7	...	-	
	ALLOCATED	VLAN45		45	-	...	-	
	ALLOCATED	VLAN50		50	97	...	-	