

# 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 application for managing virtual circuits (VCs). The main interface features a search bar at the top left, followed by buttons for 'Add', 'Add First Free', and 'Import'. Below this is a table listing various VCs. The table has columns for 'VC Domain', 'State', 'Name', 'Proj', 'Label', 'Int.', 'Description', 'Prefixes', and 'Tags'. The 'State' column for all entries is 'ALLOCATED'. The 'Name' column lists various VLANs (e.g., VLAN23, VLAN24, VLAN25, etc.). The 'Int.' column shows integers ranging from 23 to 50. The 'Description' column contains brief descriptions for each VC. To the right of the table is a 'Filter' sidebar with several sections: 'Favorites' (with star icons), 'By VC Domain' (with a dropdown menu), 'By State' (with a dropdown menu), 'By Project' (with a dropdown menu), 'By VC Filter' (with a dropdown menu), and 'By Tags' (with a dropdown menu). At the bottom of the application, there is a pagination bar showing '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	...	-	