



CHAPTER 14

Configuration Limits

Use the following configuration limits with Cisco Nexus 1000V:

Component	Supported Limit	
Maximum Modules	66	
Virtual Ethernet (VEM)	64	
Virtual Supervisor (VSM)	2	
Hosts	64	
Active VLANs across all VEMs	512	
MACs over VLAN within a VEM	1024 (1K)	
vEthernet interfaces per port profile	1024 (1K)	
PVLAN	512	
	Per DVS	Per Host
Virtual Service Domains (VSD)	64	6
VSD Interfaces	2048	214
vEthernet interfaces	2K	216
Port Profiles	256	—
System Port Profiles	—	16
Port Channel	256	8
Physical Trunks	512	—
Physical NICs	—	32
vEthernet Trunks	256	8
ACL	128	16 ¹
ACEs per ACL	128	16 ¹
ACL Interfaces	2048	256
NetFlow Policies	32	8
NetFlow Interfaces	256	32
SPAN/ERSPAN Sessions	64	4
QoS Policy-Map	128	16

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Component	Supported Limit	
QoS Class-Map	1024	128
QoS Interfaces	2048	256
Port Security	1600	216
MultiCast Groups	512	64

1. This number can be exceeded if VEM has available memory.