



APPENDIX 2

Configuration Limits for Cisco NX-OS Layer 3 Unicast Features, Release 4.x

The features supported by NX-OS have maximum configuration limits. For some of the features, we have verified configurations that support limits less than the maximum. [Table 2-1](#) lists the Cisco verified limits and maximum limits for switches running NX-OS Release 4.x.

Table 2-1 Cisco NX-OS Release 4.x Configuration Limits

Feature	Verified Limit	Maximum Limit
Layer 3 subinterfaces	1000	
BGP	4000 Prefix-list Entries	6000 Prefix-list Entries
	512 AS-path Entries	
	1000 peers	1000 peers
		150,000 prefixes per peer
		20 million paths total
GLBP	1000 GLBP groups per system, with default timers.	1024 GLBP groups.
	200 GLBP groups per interface.	
HSRP	2000 HSRP groups per system, with default timers.	2048 HSRP groups.
	500 HSRP groups per physical interface or VLAN interface. 100 HSRP groups per port-channel interface.	
Object tracking	500 objects.	
OSPF		200 interfaces
		1000 routers
		300 adjacencies
		200,000 LSAs
		4 instances per VDC
		200 VRFs per instance

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Table 2-1 Cisco NX-OS Release 4.x Configuration Limits (continued)

Feature	Verified Limit	Maximum Limit
VRFs	200 per VDC	
VRRP	255 groups	