



## APPENDIX **B**

# Configuration Limits for Cisco NX-OS Interfaces

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The features supported by Cisco NX-OS have maximum configuration limits. For some of the features, we have verified configurations that support limits less than the maximum. [Table B-1](#) lists the Cisco verified limits and maximum limits for switches running Cisco NX-OS Release 5.x.

**Table B-1** Cisco NX-OS Release 5.x Configuration Limits

Feature	Verified Limit
VLANs per VDC	4000
Port channels per device	256
vPCs per device	256

When you enable vPC on the device, it reduces some scale limits. With 256 vPCs configured, the device is limited to 260 VLANs/SVIs (with Layer 3 protocol HSRP). With 36 vPCs configured, the device can support 500 VLANs/SVIs (with Layer 3 protocol HSRP). A larger number of VLANs with no SVI/L3/HSRP can be deployed with limited convergence degradation. Currently this is 1200 VLANs.

See the *Cisco Nexus 7000 Series NX-OS Unicast Routing Configuration Guide, Release 5.x* for the number of HSRP groups configured with default timers in the vPC domain.

See the *Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide, Release 5.x* for number of multicast routes supported when vPC is enabled.

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