

Cisco UCS 6200 Series Configuration Limits for Cisco UCS Manager, Release 2.5

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Configuration Limits

The following tables list the Cisco verified limits for Cisco UCS 6200 series fabric interconnects running Cisco UCS Manager release 2.5.

Ethernet Environment Configuration Limits

Feature	Cisco UCS 6200 Series
Active VLANs per Cisco UCS domain	2000
VLAN ID space per Cisco UCS domain	4013 unreserved space
STP logical Interfaces (also referred to as VLAN port count) per fabric interconnect Note The only exception is for failover vNICs. These consume resources on a per Cisco UCS domain basis.	64000 (with VLAN Port Count Optimization enabled)
IGMP groups per Cisco UCS domain	2000
Uplink port channels per fabric interconnect	12
Maximum number of uplinks per fabric interconnect (including up to 12 port channels)	31
Member interfaces per port channel	16
Maximum secondary VLANs per primary VLANs.	30
QOS system classes per Cisco UCS domain	6 (including the class default)

VIC Environment Configuration Limits

Static Virtual NICs per Host

Cisco UCS 6200 Series	
OS	vNICs
Win 2008 SP2 and R2 SP1	8
Win 2012 and Win 2012 R2	8
Red Hat Enterprise Linux 5.9 - 7 64bit	8
CentOS 6.5	8

General Network Configuration Limits

Feature	Cisco UCS 6200 Series
Unicast MAC addresses per fabric interconnect	20000 entries
Multicast MAC addresses per fabric interconnect	7000
Secured interfaces per Cisco UCS domain	1000 1000 out of the 2000 VIFs can be port-secured.
Secured MAC addresses per Cisco UCS domain	2000 MAC addresses secured using the port-security feature.
Maximum MTU	9000
1G ports	6248—Up to 48 6296—Up to 96
SPAN active sessions per fabric interconnect	4

General Management Configuration Limits

Feature	Cisco UCS 6200 Series
Chassis per Cisco UCS domain	20
Maximum number of servers per Cisco UCS domain	192
Maximum number of 2232PP Fabric Extenders per Cisco UCS domain	20 (10 per fabric interconnect)
Local user accounts per Cisco UCS domain	48

Feature	Cisco UCS 6200 Series
Concurrent logins per user account	64 This total includes a maximum of 32 concurrent GUI logins and 32 concurrent CLI logins per user account. This value is the same for both local and remote user accounts.
Active KVM sessions per individual CIMC	4
Concurrent CLI logins per Cisco UCS Manager	32
Concurrent GUI logins per Cisco UCS Manager	256
Number of LDAP groups per Cisco UCS Manager	28
Number of adapter end points per Cisco UCS Manager	240

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