

CMU V3.1 Compatibility matrix

Possible Hardware

Last Update:

September 20th , 2006
CMU V3.1.0-1

Possible hardware for cluster member (With only one disk per node).

Config name	Machines type	Nb. CPU	Ethernet board	I/O controller	Other
Proliant DL140 G2	Single or Dual core	2	Internal 1 Gbit	SCSI or SATA	internal disks only
Proliant DL140 G1	Single or Dual core	2	Internal 1 Gbit	IDE	internal disks only
Proliant DL145 G1/G2	Single or Dual core	2	Internal 1 Gbit	SCSI or SATA	internal disks only
Proliant DL360-G3/G4/G5	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant DL380-G3/G4/G5	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant DL385	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant DL585	Single or Dual core	4	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant BL20p G2/G3	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant BL30p G2/G3	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant BL25p G1/G2	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant BL35p G1/G2	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant BL45p G1/G2	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Rx1600	Single or Dual core	2	Internal 1 Gbit	SCSI	internal disks only
RX2600	Single or Dual core	2	Internal 10/100 Mbit or 1Gb	SCSI	internal disks only
Rx5670	Single or Dual core	2	Internal 10/100 Mbit or 1Gb	SCSI	internal disks only
RX4640	Single or Dual core	2	Internal 10/100 Mbit or 1Gb	SCSI	internal disks only
Rx1620	Single or Dual core	2	Internal 10/100 Mbit or 1Gb	SCSI	internal disks only
RX2620	Single or Dual core	2	Internal 10/100 Mbit or 1Gb	SCSI	internal disks only
Proliant DL14xG3	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant BL 46xC	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only
Proliant BL 48xC	Single or Dual core	2	Internal 1 Gbit	SCSI or SAS or SATA	internal disks only

CMU is not dependant of the hardware of the management node. However the architecture of the management node needs to be compatible with the compute nodes. (See Management vs Compute nodes worksheet)

Tested

Not tested not supported but probably working

Do not work

Scheduled in next releases

CMU V3.1 Compatibility matrix

Last Update:

September 20th , 2006

OS on cluster member and OS on management node and according to CMU kit

CMU V3.1.0-1

Possible OS for cluster member (Linux OS are assumed to work, refer to the Linux compatibility matrix to know that).

Name	OS Type	Version	Distribution	Kernel	Patch	Notes	CMU kit
RedHat AS/ES/WS 3.0	Linux I386	Up to UP7	RedHat EL. 3.0	2.4.x	No	Warning see release notes	CMU V3.1.0-1.i686
RedHat AS/ES/WS 3.0	Linux X86-64	Up to UP7	RedHat EL. 3.0	2.4.x	No	Warning see release notes	CMU V3.1.0-1.i686
RedHat AS/ES/WS 3.0	Linux IA64	Up to UP7	RedHat EL. 3.0	2.4.x	No	Warning see release notes	CMU V3.1.0-1.ia64
RedHat AS/ES/WS 4.0	Linux I386	UP to UP4	RedHat EL. 4.0	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
RedHat AS/ES/WS 4.0	Linux X86-64	UP to UP4	RedHat EL. 4.0	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
RedHat AS/ES/WS 4.0	Linux IA64	UP to UP4	RedHat EL. 4.0	2.6.x	No	Warning see release notes	CMU V3.1.0-1.ia64
Suse SLES 9.0	Linux I386	UP to SP3	SLES 9	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
Suse SLES 9.0	Linux X86-64	UP to SP3	SLES 9	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
Suse SLES 10.0	Linux I386		SLES 10	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
Suse SLES 10.0	Linux X86-64		SLES 10	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686

Possible OS for management node (Linux OS are assumed to work, refer to the Linux compatibility matrix to know that).

Name	OS Type	Version	Distribution	Kernel	Patch	Notes	CMU kit
RedHat AS/ES/WS 3.0	Linux I386	Up to UP7	RedHat EL. 3.0	2.4.x	No	Warning see release notes	CMU V3.1.0-1.i686
RedHat AS/ES/WS 3.0	Linux X86-64	Up to UP7	RedHat EL. 3.0	2.4.x	No	Warning see release notes	CMU V3.1.0-1.i686
RedHat AS/ES/WS 3.0	Linux IA64	Up to UP7	RedHat EL. 3.0	2.4.x	No	Warning see release notes	CMU V3.1.0-1.ia64
RedHat AS/ES/WS 4.0	Linux I386	UP to UP4	RedHat EL. 4.0	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
RedHat AS/ES/WS 4.0	Linux X86-64	UP to UP4	RedHat EL. 4.0	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
RedHat AS/ES/WS 4.0	Linux IA64	UP to UP4	RedHat EL. 4.0	2.6.x	No	Warning see release notes	CMU V3.1.0-1.ia64
Suse SLES 9.0	Linux I386	UP to SP3	SLES 9	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
Suse SLES 9.0	Linux X86-64	UP to SP3	SLES 9	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
Suse SLES 10.0	Linux I386		SLES 10	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686
Suse SLES 10.0	Linux X86-64		SLES 10	2.6.x	No	Warning see release notes	CMU V3.1.0-1.i686

Tested

Not tested not supported but probably working

Do not work

Scheduled in next releases

CMU V3.1 Compatibility matrix OS vs Hardware

Last Update: September 20th , 2006
CMU V3.1.0-1

OS vs Hardware for cluster member (Also refer to Linux Compatibility matrix).

Hardware/OS	RedHat AS 3.0 SMP	RedHat AS 4.0 SMP	SLES 9	SLES 10
Proliant DL140 G2	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant DL145 G1/G2	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant DL360-G3/G4/G5	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant DL380-G3/G4/G5	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant DL385	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant DL585	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant BL20p G2/G3	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant BL30p G2/G3	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant BL25p G1/G2	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant BL35p G1/G2	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Proliant BL45p G1/G2	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
Rx1600	CMU V3.1.0-1.ia64	CMU V3.1.0-1.ia64		
RX2600	CMU V3.1.0-1.ia64	CMU V3.1.0-1.ia64		
Rx5670	CMU V3.1.0-1.ia64	CMU V3.1.0-1.ia64		
RX4640	CMU V3.1.0-1.ia64	CMU V3.1.0-1.ia64		
Rx1620	CMU V3.1.0-1.ia64	CMU V3.1.0-1.ia64		
RX2620	CMU V3.0.0-1.ia64	CMU V3.1.0-1.ia64		

Tested
Not tested not supported but probably working
Do not work
Scheduled in next releases

CMU V3.1.0-1 Compatibility matrix
OS on cluster member vs OS on management node
and according to CMU kit

Last Update: September 20th, 2006
 CMU V3.1.0-1

Compatibility matrix	Compute nodes OS	Compute nodes OS	Compute nodes OS	Compute nodes OS	Compute nodes OS	Compute nodes OS
Management node OS	RedHat EL 3.0 x86	RedHat EL 3.0 X86-64	RedHat EL 3.0 ia64	RedHat EL 4.0 x86	RedHat EL 4.0 X86-64	RedHat EL 4.0 ia64
RedHat EL 3.0 x86	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686		CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	
RedHat EL 3.0 X86-64	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686		CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	
RedHat EL 3.0 ia64			CMU V3.1.0-1.ia64			CMU V3.1.0-1.ia64
RedHat EL 4.0 x86	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686		CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	
RedHat EL 4.0 X86-64	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686		CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	
RedHat EL 4.0 ia64			CMU V3.1.0-1.ia64			CMU V3.1.0-1.ia64
SuSE 9.0 x86	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686		CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	
SuSE 9.0 x84-64	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686		CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	
SuSE 10.0 x86	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686		CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	
SuSE 10.0 x84-64	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686		CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	

Compatibility matrix	Compute nodes OS	Compute nodes OS	Compute nodes OS	Compute nodes OS
Management node OS	SuSE 9.0 x86	SuSE 9.0 x84-64	SuSE 10.0 x86	SuSE 10.0 x84-64
RedHat EL 3.0 x86	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
RedHat EL 3.0 X86-64	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
RedHat EL 3.0 ia64				
RedHat EL 4.0 x86	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
RedHat EL 4.0 X86-64	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
RedHat EL 4.0 ia64				
SuSE 9.0 x86	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
SuSE 9.0 x84-64	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
SuSE 10.0 x86	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686
SuSE 10.0 x84-64	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686	CMU V3.1.0-1.i686

Tested
Not tested not supported but probably working
Do not work

Always prefer the last CMU release.