



Tikal ALM Server Hardware specification:

Preferably a known Vendor IBM / Dell / HP

<i>Part</i>	<i>recommendation</i>
<i>CPU</i>	Standard 2.0+GHz Quad Core CPU
<i>RAM</i>	2GB minimum – 4 GB recommended (all slots by same vendor)
<i>Storage (local)</i>	option1: no raid: 120 GB SATA - no online recovery option2: raid 1: 2*120GB SATA/SCSI – requires basic raid controller option3: raid 5: 3 or more 120GB SATA/SCSI – requires an advanced raid controller & supporting motherboard note1: option3 is of course recommended for online recovery. note1: all HD scenarios do not replace backup procedures
<i>LAN</i>	any common 100/1000 Ethernet Card
<i>CD/DVD</i>	DVD (instillation performed via dvd)
<i>Graphical Card</i>	Any standard on board / AGP / PCI apply
<i>Sound Card</i>	Standard – Irrelevant to ALM requirements
<i>Other</i>	Any standard backup tape – Tape sizes depend on size of backup

***4GB recommendation is for a server running the complete ALM suite.**

Please note:

- **Nowadays, HW isn't all that expensive our “most recommended” HW should not exceed 1,500 for minimal requirements and 3,000 USD fro maximum requirements.**
- **On large build systems HW requirements may vary according to build env.**



Tikal ALM recommended OS:

1. RHEL/CentOs 5.x and above

- **Kernel 2.6 and above**
- **for 4GB RAM option PAE-kernel**
- **Pre ALM installation rpms:**
 - **subversion**
 - **mysql**
 - **httpd**
 - **mod_dav_svn**
 - **perl-AppConfig**
 - **perl-Data-Dumper**
 - **perl-Email-Date-Format**
 - **perl-Apache-DBI**
 - **perl-Apache-DBILogin**
 - **perl-Text-WrapI18N**
 - **perl-Text-Wrapper**
 - **perl-Kolab-Mailer**
 - **perl-Storable**
 - **perl-GD**
 - **perl-Chart** **perl-XML-Parser**
 - **perl-GD-Graph**
 - **perl-Text-Aligner**
 - **perl-Template-Toolkit**
 - **perl-Template-GD**
 - **perl-PatchReader**

2. Ubuntu-Desktop/Server 9.04 and above

- **Kernel 2.6 and above**
- **Pre ALM installation deb packages:**
 - **perl-base**
 - **perl-modules**
 - **libterm-readline-gnu-perl**
 - **libgd-graph-perl**
 - **libgd-gd2-perl**
 - **libgd-noxpm-perl**
 - **libterm-readline-perl-perl**
 - **perl-doc**
 - **libcgi-perl**
 - **libappconfig-perl**
 - **libdate-calc-perl**
 - **libtemplate-perl**
 - **libmime-perl**
 - **build-essential**
 - **libchart-perl**
 - **libxml-perl** **libxml-twig-perl**
 - **perlmagic**
 - **libdbd-mysql-perl**
 - **libtemplate-perl-doc**
 - **apache2**
 - **libapache2-mod-python**
 - **libapache2-mod-proxy-html**
 - **apache2-utils**
 - **apache2-common**
 - **apache2-mpm-prefork**
 - **apache2-common**
 - **apache2-mpm-prefork**
 - **subversion**
 - **libapache2-svn**
 - **libapache-mod-ssl**
 - **libapache2-mod-fastcgi**
 - **libapache2-mod-fcgid**