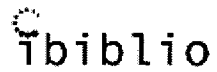


EXHIBIT 16

ibiblio Systems Central - Hardware Details



This is a breakdown of the production hardware behind [ibiblio.org](http://www.ibiblio.org). Almost all of the IBM hardware was given by IBM in the form of grant funding.

- **Main site** (www.ibiblio.org)
 - **Redundant LVS directors**
IBM xseries 345 (x2)
Dual Xeon P4 2.4 GHz
2.5 GB RAM
iblinux
 - **Web cluster nodes**
IBM xseries 330 (x7)
PIII 1.2 GHz
2.25 GB RAM
iblinux

- **Fileserver**
IBM xseries 345
Dual Xeon P4 2.2 GHz
4 GB RAM
1 EXP 300 drive array (1 TB storage)
iblinux

- **Fileserver**
IBM xseries 345
Dual Xeon P4 2.2 GHz
4 GB RAM
2 EXP 300 drive arrays (1 TB storage)
iblinux

- **Linux distributions** (distro.ibiblio.org)
Dell PowerEdge 2550
Dual PIII 1 GHz
4 GB RAM
260 GB storage
RedHat Linux 7.2

- **Music content** (music.ibiblio.org)
Dell PowerEdge 2550
Dual PIII 1 GHz
4 GB RAM
260 GB storage
RedHat Linux 7.2

- **sourceforge mirror** (unc.dl.sourceforge.net)
VALinux 4450
2 VALinux drive arrays (1 TB storage)
Debian Linux

- **Fileserver**
 Dell PowerEdge 1650
 PIII 1.2 GHz
 4 GB RAM
 Dell PowerVault 220S (900 GB storage)
 iblinux

- **Database**
 IBM Netfinity 6000R
 Quad Xeon PIII 700 MHz
 4.5 GB RAM
 108 GB storage
 iblinux

- **Real/MP3/Ogg streaming**
 VALinux 2240
 512 MB RAM
 70 GB storage
 RedHat Linux 7.2

- **Listserv**
 IBM Netfinity 6000R
 Dual Xeon PIII 700 MHz
 2.5 GB RAM
 130 GB storage
 RedHat Linux 7.3

- **Mail**
 Dell PowerApp 120
 Dual PIII 1 GHz
 2 GB RAM
 36 GB storage
 RedHat Linux 7.2

- **Contributor services**
 IBM Netfinity 6000R
 Dual Xeon PIII 700 MHz
 2.5 GB RAM
 36 GB storage
 iblinux

- **Fileserver**
 IBM Netfinity 6000R
 Dual Xeon PIII 700 MHz
 2.5 GB RAM
 130 GB storage
 RedHat Linux 7.3

