



It comes in the night and sucks the essence from your computers.

Kern Sibbald

September 26, 2007

This manual documents Bacula-web version 2.0.3 (06 March 2007)

The Bacula-web program was written by Juan Luis Frances

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## What is Bacula-web?

Bacula-web is a php based web program that provides you a summarized output of jobs that have already run. It obtains its information from your Bacula catalog database. Aside from a nice graphical display, it provides summaries of your jobs, as well as graphs of job usage. This is a fairly high level Bacula management tool.

## Requirements

- You must have a web server
- You must have PHP installed and working with your web server. We have tested php versions 4.3.4 and 5.0.4. For more information on php, please see: <http://www.php.net>.
- The following packages should be installed or configured as part of PHP.
  - Gettext (optional)
  - GD 2.x or greater
  - TrueType (optional)
  - Pear DB (<http://pear.php.net/package/DB>)
  - MySQL or PostgreSQL
  - The dbsize contrib package if you use PostgreSQL
- Bacula must also be installed and working, but does not need to be running to use Bacula-web.
- Your MySQL or PostgreSQL program must be running.

## Installation

- Copy the bacula-web distribution to the root directory or a subdirectory of your web server root.
- Edit **configs/bacula.conf** and put your preferences as well as ensuring that the database configuration parameters point to the Bacula database you are using.

## Testing the Installation

- Run **test.php** from your web browser. It should produce output that looks like:

```
Checking system for dependencies...
```

```
Checking gettext:  YES    Language support enabled
Checking Pear(DB): YES    Pear DB enabled
Checking GD:       YES    GD support enabled
```

```
Please, click the link below to test your graph system capabilities
(Bacula-web only use PNG): Test
```

- If gettext, Pear(DB) and GD all indicate yes, then things are going in the right direction. If not, you should correct each one before proceeding.
- If Pear(DB) is not installed and you have PHP 4.3.11 or newer, you can use the command:

```
pear install DB
```

to install it.

After installing it, check by doing:

```
pear list
```

On my machine (Kern), I get:

```
Installed packages:
```

```
=====
```

| Package              | Version | State  |
|----------------------|---------|--------|
| Archive_Tar          | 1.1     | stable |
| Console_Getopt       | 1.2     | stable |
| DB                   | 1.7.6   | stable |
| HTML_Template_IT     | 1.1     | stable |
| HTTP                 | 1.3.5   | stable |
| Mail                 | 1.1.4   | stable |
| Net_SMTTP            | 1.2.6   | stable |
| Net_Socket           | 1.0.6   | stable |
| Net_UserAgent_Detect | 2.0.1   | stable |
| PEAR                 | 1.3.5   | stable |
| XML_Parser           | 1.2.6   | stable |
| XML_RPC              | 1.4.0   | stable |

- When everything is installed, click on the **Test** link at the bottom, which will bring up a new page with a number of PHPlot test graphs, using GD. It should be pretty obvious if they work, if not, you must correct the problems.
- If your graphs are not being reproduced, check that your PHP was built with the **–with-gd** option, and possibly with **–with-png-dir=DIR** where DIR is the path to the **libpng** installation directory.
- One of the most common problem is improper configuration of the variables in **bacula.config** that define the database. If you see nothing but a blank screen or error messages, please recheck your database definitions paying careful attention to ensure that the database name and password are correct and that the database engine is running.
- If you get an error such as **DB Error: not found** assuming your database is MySQL, try using the following command:

```
mysql -h<host> -u<login> -p <db_name>
```

where, <host>, <login>, and <db\_name> are the values you put in your **bacula.conf** file under the *DATABASE*

```
[.DATABASE]
host = 192.168.1.120

login = bacula-user
pass =
db_name = bacula
db_type = mysql
```

in this case, the mysql command would be:

```
mysql -h192.168.1.120 -ubacula-user -p bacula
```

If you get an error such as **DB Error: connection failed** assuming your database is PostgreSQL, make sure that TCP/IP-Connections to your bacula database are allowed via *pg\_hba.conf*.

If nothing seems to be working and you are using SELinux, please remember that you must have the correct contexts for the bacula-web files. Assuming you have installed the files in */var/www/html/bacula-web*, you can most likely fix the contexts with a command such as:

```
chcon -t httpd_sys_content_t /var/www/html/bacula - web/ - R
```



## Screen Shots

Bacula-Web 1.0RC1 - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

New Tab New Window Bookmarks Print

Back Forward Reload Stop Home

Mozilla Firebird Help User Support Forum Plug-in FAQ Herramientas del idio...

### Bacula-Web 1.0RC1

**GENERAL DATA**

Total clients: **21** Total bytes stored: **1.63 TB**

Total files: **2881743**

[Last month, bytes transferred](#) [Last month, bytes transferred \(pie\)](#)

**Status from last 24h**

Errors: 0

Terminated Jobs: 22

Total time spent to do backup: 05

Bytes transferred last 24h: 13

[Show details](#)

Select a client:

### Pools

**Default**

| Volume Name | Volume Bytes | Media Type | When expire? | Last Written | Volume Status |
|-------------|--------------|------------|--------------|--------------|---------------|
| -0001       | 3.21 GB      | File       | 2004/06/17   | 2004/06/16   | Used          |
| -0002       | 371.00 B     | File       | 2004/06/17   | 2004/06/17   | Used          |
| -0003       | 50.29 MB     | File       | 2004/06/16   | 2004/06/16   | Used          |
| -0004       | 2.97 GB      | File       | 2004/06/17   | 2004/06/17   | Used          |

**Incremental**

| Volume Name | Volume Bytes | Media Type | When expire? | Last Written | Volume Status |
|-------------|--------------|------------|--------------|--------------|---------------|
| 000001      | 84.00 GB     | LTO2       | 2004/07/07   | 2004/06/17   | Append        |
| 000002      | 221.14 GB    | LTO2       | 2004/04/08   | 2004/04/08   | Full          |
| 000003      | 379.08 GB    | LTO2       | 2004/05/08   | 2004/06/05   | Full          |

**Full**

| Volume Name | Volume Bytes | Media Type | When expire? | Last Written | Volume Status |
|-------------|--------------|------------|--------------|--------------|---------------|
| 000004      | 262.54 GB    | LTO2       | 2004/05/18   | 2004/05/09   | Full          |
| 000005      | 250.04 GB    | LTO2       | 2004/06/08   | 2004/05/23   | Full          |
| 000006      | 244.32 GB    | LTO2       | 2004/06/22   | 2004/05/31   | Full          |
| 000007      | 218.89 GB    | LTO2       | 2004/06/30   | 2004/06/17   | Append        |

**NullPool**

**Disco**

| Volume Name | Volume Bytes | Media Type | When expire? | Last Written | Volume Status |
|-------------|--------------|------------|--------------|--------------|---------------|
| -0001       | 1.35 GB      | File       | 2004/04/04   | 2004/03/25   | Append        |
| -0002       | 0            | File       | 1970/01/11   | 1999/11/30   | Append        |

**General report**

3150334890.9

2800297680.8

2450260470.7

2100223260.6

1750186050.5

1400148840.4

1050111630.3

700074420.2

350037210.1

0

2

Done



## Notes

The output from bacula-web is best viewed with a resolution of 1024x768 or better. Most browsers will produce good results including MS Internet Explorer.

If you have configured bacula-web for a language other than English, and the language changes are not being correctly displayed, restart your web server.

## Bugs

- In the Pie graphs, the margins don't work. It is a phplot bug.
- The total elapsed time "calculation" is rudimentary. If you have 2 or more concurrent jobs this is not real.

Submit your bugs at this link: .

## Translations

If you want add a new language not supported by bacula-web please, follow the following instructions:

Extract strings with this command (tsmarty2c.php is with bacula-web package):

```
./tsmarty2c.php templates > lang.c  
xgettext lang.c
```

Now you must have this file: messages.po

Edit messages.po to have your translations, then send us a copy of the file.

[english]babel [T1]fontenc

hyperref

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