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

Kern Sibbald

January 19, 2006
The Bacula-web program was written by Juan Luis Frances
This manual documents Bacula-web version 1.38.5 (18 January 2006)

Contents

List of Figures

List of Tables

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-w
  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_SMTP               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$_name$¿arethevaluesyouputinyour**bacula**.conf$fileundertheDATA$

```
[.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$_h$ba.conf.

If nothing seems to be working and you are using SELinix, 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

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.phptemplates¿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.

Index