

Install BackupPC on FreeBSD

07/21/2015 10:15 PM - Daniel Curtis

Status:	Closed	Start date:	07/21/2015
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Backup Server	Estimated time:	5.00 hours
Target version:	FreeBSD 9	Spent time:	6.00 hours

Description

This is a guide for installing BackupPC on FreeBSD 9.3.

Setting up the Environment

- Start by making sure everything is up to date:

```
pkg update && pkg upgrade
portsnap fetch extract
```

- Install portmaster:

```
pkg install portmaster
```

Install BackupPC

- Install BackupPC from ports:

```
portmaster sysutils/backuppc
```

NOTE: I decided to enable [X]NMBLOOKUP, [X]SMBCLIENT and [X]FILE_RSYNCP during the port configuration.

- Create a config file for backuppc:

```
/usr/local/etc/backuppc/update.sh
```

- Change the ownership of the backuppc config:

```
chown backuppc:backuppc /usr/local/etc/backuppc/config.pl
```

- And then enable the service to start at boot:

```
echo 'backuppc_enable="YES"' >> /etc/rc.conf
```

- Start backuppc:

```
service backuppc start
```

h2 . Install Apache

- Install apache24 and mod_perl2:

```
portmaster www/apache24 www/perl2
```

- Edit the main apache config:

```
vi /usr/local/etc/apache24/httpd.conf
```

- And change the **User** and **Group** to backuppc:

```
User backuppc
Group backuppc
```

- Create a backuppc apache config:

```
vi /usr/local/etc/apache24/Includes/backuppc.conf
```

- And add the following:

```
LoadModule cgi_module libexec/apache24/mod_cgi.so
LoadModule perl_module libexec/apache24/mod_perl.so

<Directory /usr/local/www/cgi-bin>
    Options ExecCGI
    Require all granted

    # You can change the authorization method to LDAP or another method
    # besides htaccess here if you are so inclined.
    # AuthType Basic
    # AuthUserFile /etc/backuppc/backuppc.users
    # AuthName "BackupPC Community Edition Administrative Interface"
    # require valid-user
</Directory>

<Directory /usr/local/www/backuppc>
    DirectoryIndex BackupPC.html
    Require all granted
</Directory>

Alias /backuppc /usr/local/www/backuppc
ScriptAlias /BackupPC_Admin /usr/local/www/cgi-bin/BackupPC_Admin
```

- And then enable the service to start at boot:

```
echo 'apache24_enable="YES"' >> /etc/rc.conf
```

- Remove the SUID bit from the backuppc perl script:

```
chmod u-s /usr/local/www/cgi-bin/BackupPC_Admin
```

- Start apache24:

```
service apache24 start
```

- Now open http://backuppc.example.com/BackupPC_Admin in a web browser

Resources

- <https://wiki.archlinux.org/index.php/BackupPC>

History

#1 - 07/21/2015 10:18 PM - Daniel Curtis

- *Description updated*

#2 - 07/23/2015 04:46 PM - Daniel Curtis

- *Description updated*

- *Status changed from New to In Progress*

- *% Done changed from 0 to 20*

#3 - 07/23/2015 06:42 PM - Daniel Curtis

- *Description updated*

#4 - 07/27/2015 05:06 PM - Daniel Curtis

- *Description updated*

- *% Done changed from 20 to 40*

#5 - 07/28/2015 09:01 AM - Daniel Curtis

- *Status changed from In Progress to Resolved*

- *% Done changed from 40 to 100*

#6 - 09/11/2015 07:29 PM - Daniel Curtis

- *Status changed from Resolved to Closed*