

## FreeBSD Administration - Support #636

### Install BackupPC on FreeBSD

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

<b>Status:</b>	Closed	<b>Start date:</b>	07/21/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Daniel Curtis	<b>% Done:</b>	100%
<b>Category:</b>	Backup Server	<b>Estimated time:</b>	5.00 hours
<b>Target version:</b>	FreeBSD 9	<b>Spent time:</b>	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](http://backuppc.example.com/BackupPC_Admin) in a web browser

## Resources

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

## History

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### #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