

## Installation Guide - OBM – Solaris

### System Requirements:

- Operating System : Sun Solaris 2.5 or above
- Memory : 128 Mbytes
- Disk Space : 100 Mbytes
- Network Protocol : TCP/IP (Http/Https)

### Download:

Obm-solaris.tar.gz from the downloads page on [www.Backups4All.co.uk](http://www.Backups4All.co.uk)

### Get Started:

1. Download the setup file (obm-solaris.tar.gz) above and run it
2. Set the OBM\_HOME environment variable (directory to where Backups4All Online Backup Manager is to be installed)

```
export OBM_HOME=/usr/local/obm
```

3. Set the JAVA\_HOME environment variable (directory where J2SE Java Runtime Environment (JRE) 1.4.x has been installed)

```
JAVA_HOME=/usr/java/j2re1.4.x; export JAVA_HOME
```

4. Unpack the install file to OBM\_HOME

```
mkdir $OBM_HOME  
cd $OBM_HOME  
gunzip -c obm-solaris.tar.gz | tar -xf -
```

5. Set the DISPLAY environment variables

```
export DISPLAY=IP_ADDRESS_OF_XTERMINAL[:0.0]
```

For example

```
export DISPLAY=:0.0  
or export DISPLAY=127.0.0.1  
or export DISPLAY=127.0.0.1:0.0  
or export DISPLAY=192.168.0.2  
or export DISPLAY=192.168.0.2:0.0
```

6. Run Backups4All Online Backup Manager

```
sh $OBM_HOME/bin/BackupManager.sh &
```

7. (Optional) Enter the backup server host name in the [Address] field and press the [Next] button.
8. If you don't have a backup account, select [Trial Registration] and press the [Next] button
  - i. Enter the [Login Name] and [Password] of your choice
  - ii. Enter your [Email address] in the text field provided
  - iii. Press the [Submit] button
  - iv. You should be logged to the backup server already (if the [Login Name] of your choice is already taken by another user, try a different login name)
9. If you have a backup account already, select [User Logon] and logon to the server with your existing username and password.

10. If this is the first time you logon to the server, you will be guided to setup a backup set
  - i. Enter a backup set name of your choice in the [Name] field
  - ii. Select the files that you want to backup
  - iii. Setup the backup schedule by pressing the [Properties] button (please note that you can add multiple backup schedules to a backup set)
  - iv. Setup the encryption setting for your backup set (if you don't know much about encryption, just accept the default values here)
  - v. Press the [Finish] button
11. To run a backup immediately, select your backup set from the left panel and press the [Start Backup] button above. Select [Off-site Backup Server] and press the [OK] button.
12. Select the backup set to run and press the [Start Backup] button
13. If you want scheduled backup to run automatically, you must start the backup scheduler by

```
nohup sh $OBM_HOME/bin/Scheduler.sh > /dev/null
```

All backup sets will now be run at their scheduled times automatically.

14. (Optional) Start backup scheduler on machine startup
  - i. Copy the startup file, S99Obs, to machine startup script location /etc/rc3.d

```
cp $OBM_HOME/bin/S99Obs /etc/rc3.d
```
  - ii. if you have not installed Backups4All Online Backup Manager to /usr/local/obm, you need to open the startup file S99Obs and change the OBM\_HOME environment variable setting, which can be found at the beginning of the file, to the directory where you have installed the software.
15. Setup completed.

#### Get Started – Command Line Mode:

1. Download the setup file (obm-solaris.tar.gz) above
2. Set the OBM\_HOME environment variable (directory to where Backups4All Online Backup Manager is to be installed)

```
export OBM_HOME=/usr/local/obm
```

3. Set the JAVA\_HOME environment variable (directory where J2SE Java Runtime Environment (JRE) 1.4.x has been installed)

```
JAVA_HOME=/usr/java/j2re1.4.x; export JAVA_HOME
```

4. Unpack the install file to OBM\_HOME

```
mkdir $OBM_HOME
cd $OBM_HOME
gunzip -c obm-solaris.tar.gz | tar -xf -
```

5. Adding, updating and removing a backup set
  - i. If you want to update a backup set, make changes to a backup set and press the [Update] button
  - ii. If you want to add a new backup set, click the [Add] link
  - iii. If you want to remove a backup set, Select the backup set to be remove and click the [Remove] link
6. Using Backup Configurator

```
sh $OBM_HOME/bin/Configurator.sh
```

7. Enter your Login Name, Password, Backup Server URL and proxy setting as shown below

```
Login Name: userXXX
Password: *****
Backup Server URL: xxx.yyy.com
Which Protocol ? (1) Http (2) Https : 1
```

```
Use proxy ? (Y)es or (N)o : Y
Proxy Type ? (1) Http/Https Proxy (2) SOCKS : 1
Enter proxy server : aaa.bbb.com
Enter proxy port : xxx
Enter proxy username (optional) : administrator
Enter proxy password (optional) : *****
```

8. If you have created a new backup set using the web interface, you set the encrypting key, the encrypting algorithm and the encrypting mode of this backup set by following instructions below.

**Important: You cannot change these parameters once they are set**

```
Found new backup set 'xxx'
Please enter the following values for this backup set:
```

```
Encrypting Algorithm ?
(1) Twofish (2) AES (3) Triple DES (4) No encryption : 1
Encrypting Key: *****
Re-Enter Encrypting Key: *****
Encrypting Mode ? (1) ECB (2) CBC : 1
Run scheduled backup on this computer ? (Y)es or (N)o : Y
```

9. If you want to make any changes to the setting above, you can use the main menu below to do so.

```
Main Menu:
-----
(1). List Backup Setting
(2). Change Password
(3). Change Network Setting
(4). Change run scheduled backup setting
(5). Quit
```

Your Choice:

10. You can then run a backup by executing the command below.

```
sh $OBM_HOME/bin/RunBackupSet.sh [BACKUP_SET]
```

where [BACKUP\_SET] is the name of backup set to be run

11. If you want scheduled backup to run automatically, you must start the backup scheduler by

```
nohup sh $OBM_HOME/bin/Scheduler.sh > /dev/null
```

All backup sets will now be run at their scheduled times automatically.

12. (Optional) Start backup scheduler on machine startup
- Copy the startup file, S99Obs, to machine startup script location /etc/rc3.d

```
cp $OBM_HOME/bin/S99Obs /etc/rc3.d
```

- if you have not installed Backups4All Online Backup Manager to /usr/local/obm, you need to open the startup file S99Obs and change the OBM\_HOME environment variable setting, which can be found at the beginning of the file, to the directory where you have installed the software.

13. Setup is complete.