rsbackup-cs Client Installation

These are just some notes, with work arounds for some things which made it into the stable release. We'll update the notes as we fix those.

Installation consists of grabbing an SVN repository, then manually moving things into their proper place. Note: the server setup is done (in this case) on a FreeBSD server with ZFS file images.

Grab the project and move files around

```
# make sure subversion is installed
apt install -y subversion mpack gzip
# create a directory to put rsbackup_client into
mkdir -p /opt/camp/rsbackup
cd /opt/camp/rsbackup
# get the two things we need from the subversion repository
svn co http://svn.dailydata.net/svn/rsbackup/tags/stable/rsbackup_client
svn co http://svn.dailydata.net/svn/rsbackup/tags/stable/rsbackup_lib
# fix an issue with the repo where the name is wrong
mv /opt/camp/rsbackup/rsbackup_client/rsbackup
/opt/camp/rsbackup/rsbackup_client/rsbackup_client
# Copy our sample config file to the config directory
mkdir -p /etc/camp/rsbackup_client
cp /opt/camp/rsbackup/rsbackup_client/rsbackup.conf.example
/etc/camp/rsbackup_client/rsbackup_client.conf
# make an ssh key if one does not exist
# just hit enter anytime a question pops up
if [ ! -f /root/.ssh/id_rsa.pub ] ; then ssh-keygen -t rsa -b 4096 ; fi
```

Fix some issues with the "stable" version

Edit /opt/camp/rsbackup/rsbackup_client/rsbackup_client Add

```
my $transports;
```

at line 144

Edit /etc/cron.d/rsbackup.cron and put in the following contents

rsbackup.cron

```
# Control file for rsbackup
# determines when backups will exist, and who will receive any error
# reports
PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin
```

```
# following may be changed to send failure reports to a different e-
mail
# account
MAILTO=root

# daily do a standard backup if previous run has finished
#m  h dom mon dow   user    command
00 1  *   *   *    root    if ! pgrep rsync ; then
/opt/camp/rsbackup/rsbackup_client/rsbackup_client; fi

# if you need to kill backup processes after a certain time, uncomment
the
# following. This would kill any backup jobs running at 7am on any day
#0 7 * * *          root    pkill rsync

# EOF
```

Manually edit config file

edit config file joe /etc/camp/rsbackup_client/rsbackup_client.conf

Change the following values

1. dry run to true (remove comment)
2. $MAIL_TO to your backup report e-mail
3. $BACKUP_SERVER = 'username@backup.server';
4. $PATH_ON_SERVER = '/root/backup/path';
5. $MY_NAME
6. $CLIENT_NAME
7. @DIRS_TO_BACKUP = ('/etc', '/root', '/home', '/opt');
8. $LOGDIR
9. Near bottom (line 103), change the ssh port if necessary

Tell server to accept stuff from us

cat /root/.ssh/id_rsa.pub

On server

copy/paste the output of the above into /root/.ssh/authorized_keys joe /usr/local/etc/rsbackup/rsbackup_server.conf

Create space for the new machine. For example, for client Acme, and server server.example.com, you would run zfs create -o quota=10G -o atime=off storage/backups/Acme/server.example.com

Test

On the client, edit /etc/camp/rsbackup_client/rsbackup_client.conf and change “dry run” to true. Run rsbackup_client from the command line, look for any errors. If no errors, remove (comment out) the dry run parameter and let it run on the next cron cycle.