What I did to setup Cygwin mirror

sudo useradd archvsync #Low-privilege account for rsync jobs

sudo usermod -m -d /u/users/archvsync archvsync #Creates a home directory for archvsync

sudo usermod archvsync -L #Disable login for archvsync

sudo usermod archvsync -s /bin/false #Change the shell to /bin/fals for extra hardening

**reference**:

<https://sourceware.org/cygwin-apps/package-server.html>

<https://cygwin.com/mirrors.html>

mkdir /repos/cygwin-mirror-scripts

mkdir /repos/cygwin

chown -R archvsync:archvsync cygwin

export RSYNC\_PROXY

rsync -vaz rsync://mirrors.kernel.org/sourceware/cygwin/ /repos/cygwin/

create /opt/rh/httpd24/root/etc/httpd/conf.d/cygwin-mirror.conf 🡸 on all machines behind load balancer

cat cygwin-mirror.conf

<VirtualHost \*:80>

ServerName Cygwin.mmm13.com

DocumentRoot /repos/cygwin

<Directory "/repos/cygwin">

AllowOverride None

Require all granted

Options Indexes

</Directory>

</VirtualHost>

wget https://cygwin.com/setup-x86.exe

wget https://cygwin.com/setup-x86\_64.exe

Created /repos/Cygwin-mirror-scripts/cygwin\_rsync.sh 🡨 runs sync of mirror

crontab -e -u archvsync #Modify the crontab of archvsync and add the line to rsync daily

#sync mirror daily at 4:35

35 4 \* \* \* /repos/cygwin-mirror-scripts/cygwin\_rsync.sh > /tmp/crsync.log 2>&1