
Subject: Creating a local mirror
Posted by [MartinR](#) on Wed, 17 Feb 2016 12:23:37 GMT
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I look after some machines that are behind an air gap. to do this I have to build my own repos, currently CentOS, EPEL and ELrepo at versions 5, 6 and 7. I have tried downloading nux using the command:

```
wget --mirror --no-parent --no-verbose --directory-prefix=/home/CentOS/nux-$version/  
--no-host-directories ____:/li.nux.ro/download/nux/dextop/el$version
```

where \$version is either 6 or 7. For ____ read http, the forum is blocking the posting of links.

There are a number of problems with this approach. First it builds in /home/CentOS/nux-7/download/nux/dextop, I'm guessing that this means my wget command is not correct. Second I get both el6 and el7 whatever the \$version. Third I get el?, el?Client, el?Server and el?Workstation. The upshot is that I ended up downloading 8 times too much.

It is, of course, relatively trivial to move the el? repos to where I expected but I would prefer to get it right first time!

Any assistance would be gratefully received.

Subject: Re: Creating a local mirror
Posted by [nux](#) on Wed, 17 Feb 2016 15:25:35 GMT
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Pro tip :)

```
rsync -av li.nux.ro::li.nux.ro/nux/dextop/el7/x86_64/ /local/mirror/
```

You might want to add a --delete in the command once you get everything tested a bit; though I rarely delete anything.

Subject: Re: Creating a local mirror
Posted by [MartinR](#) on Wed, 17 Feb 2016 16:40:11 GMT
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Smack (hand hitting head)!

CentOS and EPEL offer rsync hosts - so I used them. A few months later I only saw http on nux and ELrepo, so tried using that! A good case of an initial wrong choice leading to more and more complexity and grief. Thanks for the gentle prod. :blush:

Subject: Re: Creating a local mirror
Posted by [schotty](#) on Fri, 06 May 2016 21:02:53 GMT
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Here is the Red Hat (tm) way (<https://access.redhat.com/solutions/23016>) using reposync

```
yum install yum-utils createrepo
```

```
reposync --gpgcheck -l --repoid=rhel-x86_64-server-5 --download_path=/download/path
```

```
cd /var/www/html/<download directory>
```

```
createrepo -v /var/www/html/<download directory>/
```

I think that in the background, reposync is just calling rsync. But either way, this is what I use to get the job done, just had to dig up the support page.
