

CentOs 7 no WGET install EPEL

Jan 2017

Today I started to use some brand new G7 MFEL Servers, that have CentOS 7.2 preinstalled. The preinstalled CentOS is a 'minimal' install. And while it contains everything you need to run the MFEL, it has some files missing that we have been using on MFEL G6s that were setup long before we got them.

Linux Repository

A Repository has a few meanings, but in the sense I am referring to, a repository is a location maintained by the Linux distribution provider, that contains the latest versions of all of the components required for that Linux distribution, be it essential components for the OS to run, or addons that might be required later (htop for example).

It seems by default the MFEL has a reference to a repository that is located on its own internal drive, this contains nothing, so we need to update this first.

The repository refers to Extra Packages for Enterprise Linux (EPEL). So we are installing the epel repositories, they may be others, but I am not looking at alternatives at this point.

Update Repositories

To update the repositories, you have to download the latest version and install it. Most instructions on the internet will tell you to use wget, however I have found two issues:

wget is not installed, and to install it you would need to update the repositories (chicken and egg) wget does not seem to be listed as a repository item, so is not available via the repository I am installing (epel)

curl is installed, and so we can use Curl as a drop in replacement for wget.

Before downloading anything, you need to know your Linux version (just 5,6,7 etc) for this you can use:

```
rpm --query centos-release
centos-release-7-2.1511.el7.centos.2.10.x86_64
```

Now you can install the correct epel version

```
Instead of using      wget https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm

You can use          curl -O https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
curl -O https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left   Speed
100 14704  100 14704    0     0  15144      0 --:--:-- --:--:-- --:--:-- 15143
```

Remember to use the correct version `../pub/epel/epel-release-latest-7.noarch.rpm`

```
sudo rpm -ivh epel-release-latest-7.noarch.rpm
sudo yum clean all
sudo rpmdb -v --rebuilddb
sudo yum -y install libselinux-python
```

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That's it, epel repository is now installed. You can check from the website what is available. So for instance, from a web browser navigate to:

<https://dl.fedoraproject.org/pub/epel>

Here you will see a list like:

dl.fedoraproject.org/pub/epel

Index of /pub/epel

Name	Last modified	Size	Description
Parent Directory	-		
4/	2012-02-29 23:53	-	
4AS/	2012-02-29 23:53	-	
4ES/	2012-02-29 23:53	-	
4WS/	2012-02-29 23:53	-	
5/	2017-01-12 07:58	-	
5Client/	2017-01-12 07:58	-	
5Server/	2017-01-12 07:58	-	
6/	2017-01-12 01:52	-	
6Server/	2017-01-12 01:52	-	
7/	2017-01-12 02:00	-	
7Server/	2017-01-12 02:00	-	
RPM-GPG-KEY-EPEL	2007-03-03 14:11	1.7K	
RPM-GPG-KEY-EPEL-4	2007-03-03 14:11	1.7K	
RPM-GPG-KEY-EPEL-5	2007-03-03 14:11	1.7K	
RPM-GPG-KEY-EPEL-6	2010-05-12 01:25	1.6K	
RPM-GPG-KEY-EPEL-6Server	2010-05-12 01:25	1.6K	
RPM-GPG-KEY-EPEL-7	2014-06-20 18:54	1.6K	
RPM-GPG-KEY-EPEL-7Server	2014-06-20 18:54	1.6K	
epel-release-latest-5.noarch.rpm	2010-08-12 17:13	12K	
epel-release-latest-6.noarch.rpm	2012-11-05 15:31	14K	
epel-release-latest-7.noarch.rpm	2016-12-27 17:40	14K	
fullfilelist	2017-01-12 08:47	8.1M	
fullfiletimelist-epel	2017-01-12 08:47	11M	
imagelist-epel	2016-11-23 18:20	0	
testing/	2014-08-30 16:49	-	

Navigate to

7Server/x86_64/h

And scroll down until you see htop

hscolor-1.20.3-9.el7.x86_64.rpm	2016-12-09 06:01	290K
hstr-1.19-1.el7.x86_64.rpm	2016-02-10 12:07	32K
html2text-1.3.2a-14.el7.x86_64.rpm	2014-11-22 01:58	98K
html401-dtds-4.01-19991224.12.el7.3.noarch.rpm	2014-02-16 20:00	25K
htmldoc-1.8.28-4.el7.x86_64.rpm	2014-08-12 19:58	1.9M
htop-2.0.2-1.el7.x86_64.rpm	2016-07-24 18:22	98K
http-parser-2.7.1-3.el7.x86_64.rpm	2016-11-18 22:23	30K
http-parser-devel-2.7.1-3.el7.x86_64.rpm	2016-11-18 22:23	12K
httpd-itk-2.4.7.01-5.el7.x86_64.rpm	2015-03-08 19:29	20K
htping-2.4-1.el7.x86_64.rpm	2015-03-18 13:13	60K
httpress-1.1.0-2.el7.x86_64.rpm	2014-08-12 19:59	17K
htppry-0.1.8-1.el7.x86_64.rpm	2014-08-02 16:10	37K
httrack-3.48.22-1.el7.x86_64.rpm	2016-04-27 17:16	1.0M
httrack-devel-3.48.22-1.el7.x86_64.rpm	2016-04-27 17:16	44K
hub-1.12.1-2.el7.noarch.rpm	2014-09-19 01:54	53K
hub-doc-1.12.1-2.el7.noarch.rpm	2014-09-19 01:54	195K
hugs98-2006.09-19.el7.x86_64.rpm	2016-12-03 22:40	1.2M
hugs98-alut-2006.09-19.el7.x86_64.rpm	2016-12-03 22:40	17K
hugs98-demos-2006.09-19.el7.x86_64.rpm	2016-12-03 22:40	157K
hugs98-glut-2006.09-19.el7.x86_64.rpm	2016-12-03 22:40	56K
hugs98-hgl-2006.09-19.el7.x86_64.rpm	2016-12-03 22:40	36K
hugs98-openal-2006.09-19.el7.x86_64.rpm	2016-12-03 22:40	72K
hugs98-opengl-2006.09-19.el7.x86_64.rpm	2016-12-03 22:40	103K
hugs98-x11-2006.09-19.el7.x86_64.rpm	2016-12-03 22:40	79K
hydra-8.2-1.el7.x86_64.rpm	2016-06-20 13:48	275K
hydra-frontend-8.2-1.el7.x86_64.rpm	2016-06-20 13:48	243K
hylafox+-5.5.8-1.el7.x86_64.rpm	2016-02-07 23:44	766K
hylafox+-client-5.5.8-1.el7.x86_64.rpm	2016-02-07 23:44	410K
hypr-2.11.1-4.el7.x86_64.rpm	2016-07-23 16:29	1.5M
hypr-devel-2.11.1-4.el7.x86_64.rpm	2016-07-23 16:29	152K
hypr-doc-2.11.1-4.el7.noarch.rpm	2016-07-23 16:29	1.4M

So we can see that htop is part of the epel repository and can be installed.

From:
<http://cameraangle.co.uk/> - WalkerWiki - wiki.alanwalker.uk

Permanent link:
http://cameraangle.co.uk/doku.php?id=wiki:centos_7_no_wget_install_epel&rev=1484251481

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