

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.

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
```

```
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
```

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	-	

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