

Failed to download metadata for repo 'AppStream' [CentOS]

Written by BiRU

Wednesday, 31 August 2022 18:18 -

I had installed a minimalist CentOS 8 on one of my servers. Installation went successful, however, when I tried to update the system using yum update I see this error message: Failed to download metadata for repo. Below is the complete error.

```
[root@autocontroller ~]# yum update CentOS-8 - AppStream 70 B/s | 38 B 00:00 Error:
Failed to download metadata for repo 'AppStream': Cannot prepare internal mirrorlist: No URLs
in mirrorlist
```

Output from the /var/log/dnf.log for more DEBUG information:

```
2022-02-02T11:39:36Z DEBUG error: Curl error (6): Couldn't resolve host name for
http://mirrorlist.centos.org/?release=8&arch=x86_64&repo=AppStream&infra=stock [Could not
resolve host: mirrorlist.centos.org]
(http://mirrorlist.centos.org/?release=8&arch=x86_64&repo=AppStream&infra=stock).
2022-02-02T11:39:36Z WARNING Errors during downloading metadata for repository
'AppStream': - Curl error (6): Couldn't resolve host name for
http://mirrorlist.centos.org/?release=8&arch=x86_64&repo=AppStream&infra=stock [Could not
resolve host: mirrorlist.centos.org] 2022-02-02T11:39:36Z DDEBUG Cleaning up.
2022-02-02T11:39:36Z SUBDEBUG Traceback (most recent call last): File
"/usr/lib/python3.6/site-packages/dnf/repo.py", line 573, in load ret = self._repo.load() File
"/usr/lib64/python3.6/site-packages/libdnf/repo.py", line 394, in load return
_repo.Repo_load(self) RuntimeError: Failed to download metadata for repo 'AppStream':
Cannot prepare internal mirrorlist: Curl error (6): Couldn't resolve host name for
http://mirrorlist.centos.org/?release=8&arch=x86_64&repo=AppStream&infra=stock [Could not
resolve host: mirrorlist.centos.org]
```

But, then verified with the internet connection and DNS and it works just fine as below:

```
[root@autocontroller ~]# ping google.com PING google.com (172.217.166.206) 56(84) bytes
of data. 64 bytes from del03s13-in-f14.1e100.net (172.217.166.206): icmp_seq=1 ttl=115 ti
me=43.5 ms --- google.com ping statistics --- 1 packets transmitted, 1 received, 0% packet
loss, time 0ms rtt min/avg/max/mdev = 43.508/43.508/43.508/0.000 ms
```

So how did I fix the issue? Here it is.

Fix Failed to download metadata for repo

[CentOS Linux 8 had reached the End Of Life \(EOL\)](#) on December 31st, 2021. It means that

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CentOS 8 will no longer receive development resources from the official CentOS project. After Dec 31st, 2021, if you need to update your CentOS, you need to change the mirrors to

vault.centos.org

where they will be archived permanently. Alternatively, you may want to

[upgrade to CentOS Stream](#)

.

Step 1: Go to the /etc/yum.repos.d/ directory.

```
[root@autocontroller ~]# cd /etc/yum.repos.d/
```

Step 2: Run the below commands

```
[root@autocontroller ~]# sed -i 's/mirrorlist/#mirrorlist/g' /etc/yum.repos.d/CentOS-*  
[root@autocontroller ~]# sed -i  
's|#baseurl=http://mirror.centos.org|baseurl=http://vault.centos.org|g' /etc/yum.repos.d/CentOS-*
```

Step 3: Now run the yum update

```
[root@autocontroller ~]# yum update -y
```

That's it!