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 time=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

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!