Upgrading ELK stack on Linux(Red-Hat)

1- Unzip the RPM files on any folder you want:

```
[root@        tmp]# cd ELK/
[root@        ELK]# ls
elasticsearch-7.13.0-x86_64.rpm  kibana-7.13.0-x86_64.rpm
[root@        ELK]#
```

2- Stop all your ELK running nodes

```
[root@        ELK]# systemctl stop elasticsearch
[root@        ELK]# systemctl stop kibana
[root@        ELK]#
```

3- By using Uvh command in Linux will helps you to "upgrade operation that means installing a new version of a package and removing all previous versions of the same package"[1].

```
[root@        ELK]# rpm -Uvh elasticsearch-7.13.0-x86_64.rpm
```

```
[root@      ELK]# rpm -Uvh elasticsearch-7.13.0-x86_64.rpm
warning: elasticsearch-7.13.0-x86_64.rpm: Header V4 RSA/SHA512 Signature, key ID d88e42b4: NOKEY
Preparing...                          ################################# [100%]
Updating / installing...
   1:elasticsearch-0:7.13.0-1         warning: /etc/elasticsearch/elasticsearch.yml created as /etc/elasticsearch/elasticsearch.yml.rpmnew
warning: /etc/elasticsearch/jvm.options created as /etc/elasticsearch/jvm.options.rpmnew
################################# [ 50%]
Cleaning up / removing...
   2:elasticsearch-0:7.10.0-1         ################################# [100%]
Created elasticsearch keystore in /etc/elasticsearch/elasticsearch.keystore
[root@      ELK]#
```

```
[root@        ELK]# rpm -Uvh kibana-7.13.0-x86_64.rpm
```

```
[root@      ELK]# rpm -Uvh kibana-7.13.0-x86_64.rpm
warning: kibana-7.13.0-x86_64.rpm: Header V4 RSA/SHA512 Signature, key ID d88e42b4: NOKEY
Preparing...                          ################################# [100%]
Stopping kibana (via systemctl):                           [  OK  ]
Updating / installing...
   1:kibana-7.13.0-1                  warning: /etc/kibana/kibana.yml created as /etc/kibana/kibana.yml.rpmnew
################################# [ 50%]
Stopping kibana service...Stopping kibana (via systemctl): [  OK  ]
 OK
Cleaning up / removing...
   2:kibana-7.10.0-1                  ################################# [100%]
Created Kibana keystore in /etc/kibana/kibana.keystore
[root@      ELK]#
```

4- Enable Elasticsearch first then start it.

```
[root@        ELK]# systemctl enable elasticsearch
[root@        ELK]# systemctl start elasticsearch
```

```
[root@      ELK]# systemctl status elasticsearch
● elasticsearch.service - Elasticsearch
   Loaded: loaded (/usr/lib/systemd/system/elasticsearch.service; enabled; vendor preset: disabled)
   Active: active (running) since Tue 2021-06-01 11:56:50 +03; 9s ago
     Docs: https://www.elastic.co
 Main PID: 28942 (java)
   CGroup: /system.slice/elasticsearch.service
           ├─28942 /usr/share/elasticsearch/jdk/bin/java -Xshare:auto -Des.networkaddress.cache.ttl=60 -Des.networkaddress.cach
           └─29151 /usr/share/elasticsearch/modules/x-pack-ml/platform/linux-x86_64/bin/controller

Jun 01 11:56:32 UNIENT.nicwan.moi.gov systemd[1]: Starting Elasticsearch...
Jun 01 11:56:50 UNIENT.nicwan.moi.gov systemd[1]: Started Elasticsearch.
[root@      ELK]#
```

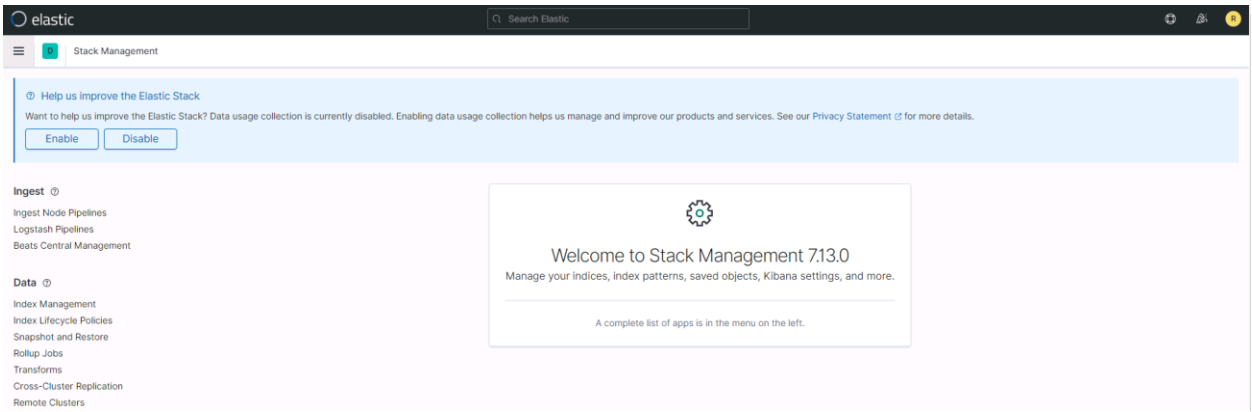
5- After starting Elasticsearch and check it running enable Kibana and restart it.

```
[root@ ELK]# systemctl enable kibana
[root@ ELK]# systemctl start kibana
```

```
[root@ ELK]# systemctl status kibana
● kibana.service - Kibana
   Loaded: loaded (/etc/systemd/system/kibana.service; enabled; vendor preset: disabled)
   Active: active (running) since Tue 2021-06-01 11:57:26 +03; 26s ago
     Docs: https://www.elastic.co
 Main PID: 29296 (node)
   CGroup: /system.slice/kibana.service
           ├─29296 /usr/share/kibana/bin/../node/bin/node /usr/share/kibana/bin/../src/cli/dist --logging.dest=
           └─29308 /usr/share/kibana/node/bin/node --preserve-symlinks-main --preserve-symlinks /usr/share/kiba

Jun 01 11:57:26 UNIENT.nicwan.moi.gov systemd[1]: Started Kibana.
[root@ ELK]#
```

6- Now open Kibana in the browser and start using the latest version.



References:

1- https://www.thegeekdiary.com/what-is-the-difference-between-the-i-and-u-options-used-in-rpm-command-in-linux/

2- https://www.elastic.co/