**We can update the solr in two ways 1) delete existing stacks and create a new 2) Do it manually**

**delete existing stacks and create a new -**

* At first go to aws cloudformation service and delete existing stack named < give your name here > .
* Have to go to the s3 bucket named < give your bucket name here >.
* There you can see that there is a existing file called **fewsnet-solr.service**
* Just download that file open that file with visual studio code or open with any code editor.
* There we can notice that there are two lines which include solr:5.5 and they are ExecStartPre=/usr/bin/docker pull solr:5.5 and p 8983:8983 solr:5.5
* Now we need to replace those two lines with ExecStartPre=/usr/bin/docker pull solr:8 and p 8983:8983 solr:8
* Now save this file.
* go to your s3 bucket named < give your bucket name here > and click on upload - add files then reupload **fewsnet-solr.service**.
* Now clone your gitlab repository.
* go to the inside of cloned folder.
* do git checkout develop
* go to folder cd infrastructure/cloudformation/ and there you would notice a file named develop-solr-server.sh
* now have to run the script by adding a argument named create-stack with it. The full command would be like ./develop-solr-server.sh create-stack
* After following all the previous steps we would see that the updaion process from **solr:5.5** to **solr:8** is successfull for **develop enviroment**.

**Do it manually -**

* do ssh to your develop solr instance.
* Run command systemctl stop fewsnet-solr
* Run command cd /usr/lib/systemd/system
* Run command vi fewsnet-solr.service
* There we can notice that there are two lines which include solr:5.5 and they are ExecStartPre=/usr/bin/docker pull solr:5.5 and p 8983:8983 solr:5.5
* Now we need to replace those two lines with ExecStartPre=/usr/bin/docker pull solr:8 and p 8983:8983 solr:8
* Now save this file.
* Run docker ps -a and copy the container id for solr:5.5
* Run docker stop < copied container id >
* Run docker rmi -f solr:5.5
* Run command systemctl start fewsnet-solr
* Run command systemctl enable fewsnet-solr

**If we do it manually then just for make sure that it will be not going to create any conflict in future we can do one thing before doing ssh to solr. The steps are - ( if we dont follow following steps also then our manually process is going to be successful )**

* At first go to aws cloudformation service and delete existing stack named < give your name here >
* Have to go to the s3 bucket named < give your bucket name here >
* There you can see that there is a existing file called **fewsnet-solr.service**
* Just download that file open that file with visyal studio code or open with any code editor.
* There we can notice that there are two lines which include solr:5.5 and they are ExecStartPre=/usr/bin/docker pull solr:5.5 and p 8983:8983 solr:5.5
* Now we need to replace those two lines with ExecStartPre=/usr/bin/docker pull solr:8 and p 8983:8983 solr:8
* Now save this file.
* go to your s3 bucket named < give your bucket name here > and click on upload - add files then reupload **fewsnet-solr.service**.
* After following all the previous steps we would see that the updaion process from **solr:5.5** to **solr:8** is successfull for **develop enviroment**.

**Remember that if you do it by creating a new stack then the ipaddress of delevep solr may be changed so I think developer might need to intregate the new ip address with drupal solr module.**