

Enabling HTTP/HTTPS proxy commands

1. Create a systemd drop-in directory for the docker service.

```
sudo mkdir -p /etc/systemd/system/docker.service.d
```

```
ubuntu@ip-172-31-90-137: ~  
ubuntu@ip-172-31-90-137:~$ sudo mkdir -p /etc/systemd/system/docker.service.d  
ubuntu@ip-172-31-90-137:~$
```

```
cd /etc/systemd/system/docker.service.d (change directory)
```

2. Create a file called /etc/systemd/system/docker.service.d/http-proxy.conf that adds the HTTP_PROXY environment variable:

```
nano http-proxy.conf
```

now copy paste the below command

```
[Service]
```

```
Environment="HTTP_PROXY=http://proxy.example.com:80/"
```

```
ubuntu@ip-172-31-90-137: /etc/systemd/system/docker.service.d  
GNU nano 2.9.3 http-proxy.conf  
[Service]  
Environment="HTTP_PROXY=http://proxy.example.com:80/"
```

Ctrl+s and ctrl+x to save and exit from nano editor

NOTE: if you are behind an HTTPS proxy server, add the environment variable in this way:

[Service]

Environment="HTTPS_PROXY=http://proxy.example.com:443/"

```
ubuntu@ip-172-31-90-137: /etc/systemd/system/docker.service.d
GNU nano 2.9.3 http-proxy.conf

[Service]
Environment="HTTP_PROXY=http://proxy.example.com:80/"
```

3. If you have internal Docker registries that you need to contact without proxying, you can specify them via the NO_PROXY environment variable.

[Service]

Environment="HTTP_PROXY=http://proxy.example.com:80/"

"NO_PROXY=localhost,127.0.0.1,docker-registry.example.com,.corp"

```
aws Services Search [Alt+S]
GNU nano 6.2 http-proxy.config *
[Service]
Environment="HTTPS_PROXY=http://proxy.example.com:443/" "NO_PROXY=localhost,127.0.0.1,docker-registry.example.com,.corp"
```

Ctrl+s and ctrl+x to save and exit from nano editor

4. Flush changes

sudo systemctl daemon-reload

```
ubuntu@ip-172-31-90-137: /etc/systemd/system/docker.service.d
ubuntu@ip-172-31-90-137:/etc/systemd/system/docker.service.d$ sudo systemctl daemon-reload
ubuntu@ip-172-31-90-137:/etc/systemd/system/docker.service.d$
```

5. Restart docker

```
sudo systemctl restart docker
```

```
ubuntu@ip-172-31-90-137: /etc/systemd/system/docker.service.d
ubuntu@ip-172-31-90-137:/etc/systemd/system/docker.service.d$ sudo systemctl restart docker
ubuntu@ip-172-31-90-137:/etc/systemd/system/docker.service.d$
```

6. Verify that the configuration has been loaded

```
systemctl show --property=Environment docker
```

```
ubuntu@ip-172-31-90-137: /etc/systemd/system/docker.service.d
ubuntu@ip-172-31-90-137:/etc/systemd/system/docker.service.d$ systemctl show --property=Environment docker
Environment=HTTP_PROXY=http://proxy.example.com:80/
ubuntu@ip-172-31-90-137:/etc/systemd/system/docker.service.d$ Environment=HTTP_PROXY=http://proxy.example.com:80/
```