

Nginx Installation using dnf:

Sudo dnf install nginx

```
Installed:
nginx-1::1.14.1-9.module_el8.0.0+184+e34fea82.x86_64
nginx-filesystem-1::1.14.1-9.module_el8.0.0+184+e34fea82.noarch
nginx-mod-http-perl-1::1.14.1-9.module_el8.0.0+184+e34fea82.x86_64
nginx-mod-mail-1::1.14.1-9.module_el8.0.0+184+e34fea82.x86_64
nginx-all-modules-1::1.14.1-9.module_el8.0.0+184+e34fea82.noarch
nginx-mod-http-image-filter-1::1.14.1-9.module_el8.0.0+184+e34fea82.x86_64
nginx-mod-http-xslt-filter-1::1.14.1-9.module_el8.0.0+184+e34fea82.x86_64
nginx-mod-stream-1::1.14.1-9.module_el8.0.0+184+e34fea82.x86_64
```

Enabling Nginx services using :

```
sudo systemctl enable nginx
sudo systemctl start nginx
```

```
[cool@localhost ~]$ sudo systemctl enable nginx
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /usr/lib/systemd/system/nginx.service.
[cool@localhost ~]$ sudo systemctl start nginx
```

Adjusting Firewall Rules to allow to listen on port 80:

```
sudo firewall-cmd --permanent --add-service=http
[cool@localhost ~]$ sudo firewall-cmd --permanent --add-service=http
success
[cool@localhost ~]$ sudo firewall-cmd --permanent --list-all
internal
  target: default
  icmp-block-inversion: no
  interfaces:
  sources:
  services: cockpit dhcpcv6-client http mdns openvpn samba-client ssh
  ports: 1194/tcp 1194/udp
  protocols:
  masquerade: yes
  forward-ports:
  source-ports:
  icmp-blocks:
  rich rules:
```

```
sudo firewall-cmd --reload
```

For hosting a index.html saying Hello Nginx:

Modified the index.html file in /usr/share/nginx/html and editing the content to:

```
<h1>Hello Nginx</h1>
```

