Linux　Systemd Service

> **"** Linux　　Systemd Service

Systemd　　　.service　　　unit　　　　Systemd　　　　　daemon　　Syste
Enterprise CentOS Fedora openSUSE　　　　　service

Systemd　　　　　`/etc/systemd/system`　`/usr/lib/systemd/system`　`.service`　　　unit　　　　　n
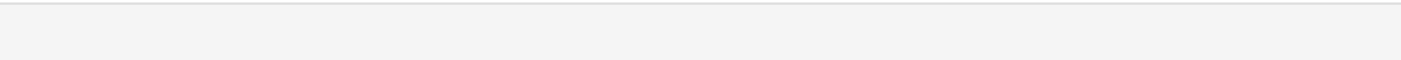service　　　　　　　nginx　　　nginx service

```
#   nginx.service
vi /etc/systemd/system/nginx.service
```

```
[Unit]
Description=Nginx - high performance web server
After=network.target

[Service]
Type=forking
ExecStart=/usr/local/nginx/sbin/nginx
ExecReload=/usr/local/nginx/sbin/nginx -s reload
ExecStop=/usr/local/nginx/sbin/nginx -s stop

[Install]
WantedBy=multi-user.target
```

`systemctl daemon-reload`　　　nginx　　　　Systemd　　　nginx

```
# nginx
systemctl start nginx
# nginx
systemctl reload nginx
# nginx
systemctl stop nginx
# nginx
systemctl restart nginx
#
systemctl enable nginx
#
systemctl disable nginx
```

[Unit]

Unit

```
[Unit]
Description=Nginx - high performance web server
After=network.target
```

- Description
- Before/After
- network.target   network-online.target

[service]

Service

```
[Service]
Type=forking
ExecStart=/usr/local/nginx/sbin/nginx
ExecReload=/usr/local/nginx/sbin/nginx -s reload
ExecStop=/usr/local/nginx/sbin/nginx -s stop
```

- Type:
  - simple
  - forking   Unix Daemon   fork()
  - oneshot   RemainAfterExit=yes

- ○ dbus   DBus   BusName=   DBus
- ExecStart   start   /sbin/arp   arp
- ExecStop   stop
- ExecReload   service   restart   ExecStart ExecStop

- User:
- Group:
- WorkingDirectory:

[install]

```
[Install]
WantedBy=multi-user.target
```

- WantedBy   multi-user.target

Systemd Service   /etc/init.d/