

# 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

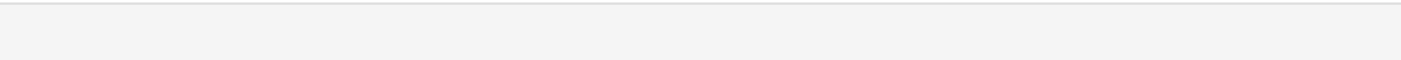
```
# nginx.service
vi /etc/systemd/system/nginx.service
```

```
[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
- ExecStart                      DBus                      BusName=                      DBus                      arp
- ExecStop                      start                      /sbin/arp
- ExecReload                      stop                      service                      restart                      ExecStart                      ExecStop
- User:
- Group:
- WorkingDirectory:

# [install]

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

- WantedBy                      multi-user.target

Systemd Service                      /etc/init.d/

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