Linux Systemd Service

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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/

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