

# Systemd

- [Unit Files](#)
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[Unit]

Description=<Description>

[Service]

Type=oneshot

User=<user>

Group=<groups>

ExecStart=<command>

[Install]

WantedBy=multi-user.target



[Unit]

- Description :

[Service]

- Type :
  - simple :
  - oneshot : e.g.
- User :
- Group :
- ExecStart : shell script

[Install]

- WantedBy : `network.target` `systemctl enable` `networkd`

# Systemd-boot

UEFI



- [ESP](#) 512MB 1GB
  - Systemd-boot Kernel ESP
- UEFI BIOS CSM BIOS
- Linux Systemd init daemon



chroot /boot /efi ESP Linux

```
sudo bootctl install # sudo root sudo
```

Systemd ESP UEFI

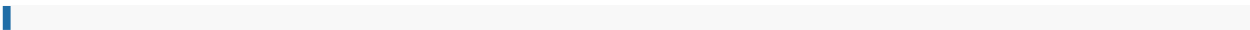
ArchWiki

## ESP /boot

Windows 100MB ESP

/boot "Linux extended boot"

ArchWiki



In other cases, it is recommended to set the partition type to **Extended Boot Loader (XBOOTLDR)** Partition which is GPT partition type GUID **BC13C2FF-59E6-4262-A352-B275FD6F7172** (ea00 type for gdisk) or MBR partition type ID **ea**.

mkdir -p /boot /efi

```
sudo bootctl --esp-path=/efi --boot-path=/boot install
```

done

## Kernel Cmdline

cat /etc/kernel/cmdline

```
sudo kernel-install add-all
```

Kernel Systemd-boot Cmdline