

Gentoo handbook <https://wiki.gentoo.org/wiki/Handbook:AMD64>

LUKS [https://wiki.gentoo.org/wiki/Full\\_Disk\\_Encryption\\_From\\_Scratch](https://wiki.gentoo.org/wiki/Full_Disk_Encryption_From_Scratch)

Gentoo + LVM + LUKS

<https://amedeos.github.io/gentoo/2019/01/14/install-gentoo-with-luks-lvm-and-systemd.html>

DRACUT [https://wiki.gentoo.org/wiki/Rootfs\\_encryption#Dracut](https://wiki.gentoo.org/wiki/Rootfs_encryption#Dracut)

LVM <https://wiki.gentoo.org/wiki/LVM>

```
linux-4.9 Enabling LVM
```

```
Device Drivers --->
```

```
  Multiple devices driver support (RAID and LVM) --->
```

```
    <*> Device mapper support
```

```
      <*> Crypt target support
```

```
      <*> Snapshot target
```

```
      <*> Mirror target
```

```
      <*> Multipath target
```

```
        <*> I/O Path Selector based on the number of in-flight I/Os
```

```
        <*> I/O Path Selector based on the service time
```

install lvm

```
emerge --ask sys-fs/lvm2
```

LUKS

```
emerge --ask sys-fs/cryptsetup
```

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