

# Linux 启动过程

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- BIOS
- GRUB

BIOS 启动过程

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## init

init 启动过程

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Linux 7 (runlevel)

- `0` `0`
- `1` `root`
- `2` `(NFS)`
- `3` `(NFS)`
- `4`
- `5` `X11` `GUI`
- `6` `6`

**Network File System (NFS)** is a distributed file system protocol originally developed by Sun Microsystems (Sun) in 1984,[1] allowing a user on a client computer to access files over a computer network much like local storage is accessed. NFS, like many other protocols, builds on the Open Network Computing Remote Procedure Call (ONC RPC) system. NFS is an open standard defined in a Request for Comments (RFC), allowing anyone to implement the protocol.

```
init[ ] si::sysinit:/etc/rc.d/rc.sysinit[ ]/etc/rc.d/rc.sysinit[ ]rc.sysinit[ ]bash shell[ ]
```

```
15:5:wait:/etc/rc.d/rc 5
```

```
5 /etc/rc.d/rc /etc/rc.d/rc Shell 5 /etc/rc5.d/ rc /etc/rc.d/rc.d/
```

```
rc start stop restart status
```

```
/etc/rc.d/rc5.d/[ ]rc[ ]K[ ]S[ ]S[ ]start[ ]
```

#####K#####(/var/lock/subsys/#####)#####stop#####

#####init#####

#####chkconfig--setup--"System Services"#####

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