

FreeBSD

FreeBSD?FreeBSD????????????????????Unix?????????BSD Unix????????????????????
1975??1993?????BSD Unix?????

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Learning

Tutorials

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Tips

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????? 32 ? 64 bit

```
uname -a
getconf LONG_BIT
```

?? freebsd ??

```
uname -mrs

freebsd-version -k      # 000
freebsd-version -u      # 0000
```

“ freebsd-version ??? freebsd 10.0 ?????

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```
sockstat -l
sockstat -4 -l          # 000 ipv4
sockstat -6 -l          # 000 ipv6

netstat -a -n | grep LISTEN
```

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NOTE: FreeBSD ?? fdisk -l ??????????????????



```
egrep 'da[0-9]|cd[0-9]' /var/run/dmesg.boot
camcontrol devlist
gpart show
```


Linux vs FreeBSD



Linux vs. FreeBSD



Feature	Linux	FreeBSD
  Created by @dan_nanni on Instagram		
First Release	1991	1993
UNIX Heritage	UNIX-like OS	UNIX-based OS
Kernel	Monolithic kernel with modules	
Kernel License	GPL	BSD
Init System	Systemd, SysVinit, OpenRC, runit	rc.d scripts
Package Management	APT, YUM/DNF, Pacman, Zypper, Portage, Snap, Flatpak	Ports Collection and pkg
Userland	GNU Core Utilities	BSD Core Utilities
Default Shell	Bourne Again Shell (bash)	Bourne Shell (sh)
Default Filesystem	EXT4, XFS, Btrfs	UFS, ZFS
Security	SELinux, AppArmor, namespaces, cgroups	Jails, MAC, Capsicum
Documentation	Distro-dependent, community-driven documentation	Extensive and coherent official documentation
Use Cases	Server, desktop, embedded system, enterprise, cloud	Server, networking, NAS, firewall, embedded system