

OpenBSD 6.6 系统安装简易说明

version:20191216

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Mac OS X 如何使用 USB 做系统引导镜像

获取 U 盘镜像文件 install66.fs

OpenBSD 官方从 OpenBSD5.5 已经开始提供 U 盘镜像文件

从清华大学开源软件镜像站获取 install66.fs

```
wget -c
https://mirror.tuna.tsinghua.edu.cn/OpenBSD/6.6/amd64/install66.fs
.
```

将 U 盘镜像文件写入 U 盘

```
atyu30@ns198:/opt/openbsd/6.6/amd64/iso $diskutil list
/dev/disk0 (internal):
```

#:	TYPE	NAME	SIZE
IDENTIFIER			
0:	GUID_partition_scheme		121.3 GB
disk0			
1:	EFI	EFI	314.6 MB
disk0s1			
2:	Apple_APFS Container	disk1	121.0 GB
disk0s2			

```
/dev/disk1 (synthesized):
```

#:	TYPE	NAME	SIZE
IDENTIFIER			
0:	APFS Container Scheme -		+121.0 GB
disk1			
Physical Store disk0s2			
1:	APFS Volume	Macintosh HD	106.9 GB
disk1s1			
2:	APFS Volume	Preboot	20.6 MB
disk1s2			
3:	APFS Volume	Recovery	519.6 MB
disk1s3			

4: APFS Volume VM 4.3 GB
disk1s4

/dev/disk2 (external, physical):

#:	TYPE NAME	SIZE
IDENTIFIER		
0:	FDisk_partition_scheme	*15.5 GB
disk2		
1:	DOS_FAT_32 UNTITLED	15.5 GB
disk2s1		

atyu30@ns198:/opt/openbsd/6.6/amd64/iso \$diskutil

atyu30@ns198:/opt/openbsd/6.6/amd64/iso \$diskutil unmountDisk

/dev/disk2

Unmount of all volumes on disk2 was successful

atyu30@ns198:/opt/openbsd/6.6/amd64/iso \$

atyu30@ns198:/opt/openbsd/6.6/amd64/iso \$df -h

Filesystem	Size	Used	Avail	Capacity	iused
------------	------	------	-------	----------	-------

ifree	%iused	Mounted on
-------	--------	------------

/dev/disk1s1	113Gi	100Gi	8.5Gi	93%	1191023
--------------	-------	-------	-------	-----	---------

9223372036853584784	0%	/
---------------------	----	---

devfs	348Ki	348Ki	0Bi	100%	1204
-------	-------	-------	-----	------	------

0	100%	/dev
---	------	------

/dev/disk1s4	113Gi	4.0Gi	8.5Gi	32%	4
--------------	-------	-------	-------	-----	---

9223372036854775803	0%	/private/var/vm
---------------------	----	-----------------

map -hosts	0Bi	0Bi	0Bi	100%	0
------------	-----	-----	-----	------	---

0	100%	/net
---	------	------

map auto_home	0Bi	0Bi	0Bi	100%	0
---------------	-----	-----	-----	------	---

0	100%	/home
---	------	-------

atyu30@ns198:/opt/openbsd/6.6/amd64/iso \$

atyu30@ns198:/opt/openbsd/6.6/amd64/iso \$sudo dd if=install66.fs

of=/dev/disk2 bs=1m

Password:

450+1 records in

450+1 records out

472317952 bytes transferred in 185.063192 secs (2552198 bytes/sec)

atyu30@ns198:/opt/openbsd/6.6/amd64/iso \$

atyu30@ns198:/opt/openbsd/6.6/amd64/iso \$diskutil list

/dev/disk0 (internal):

#:	TYPE NAME	SIZE
IDENTIFIER		
0:	GUID_partition_scheme	121.3 GB
disk0		
1:	EFI EFI	314.6 MB
disk0s1		
2:	Apple_APFS Container disk1	121.0 GB
disk0s2		

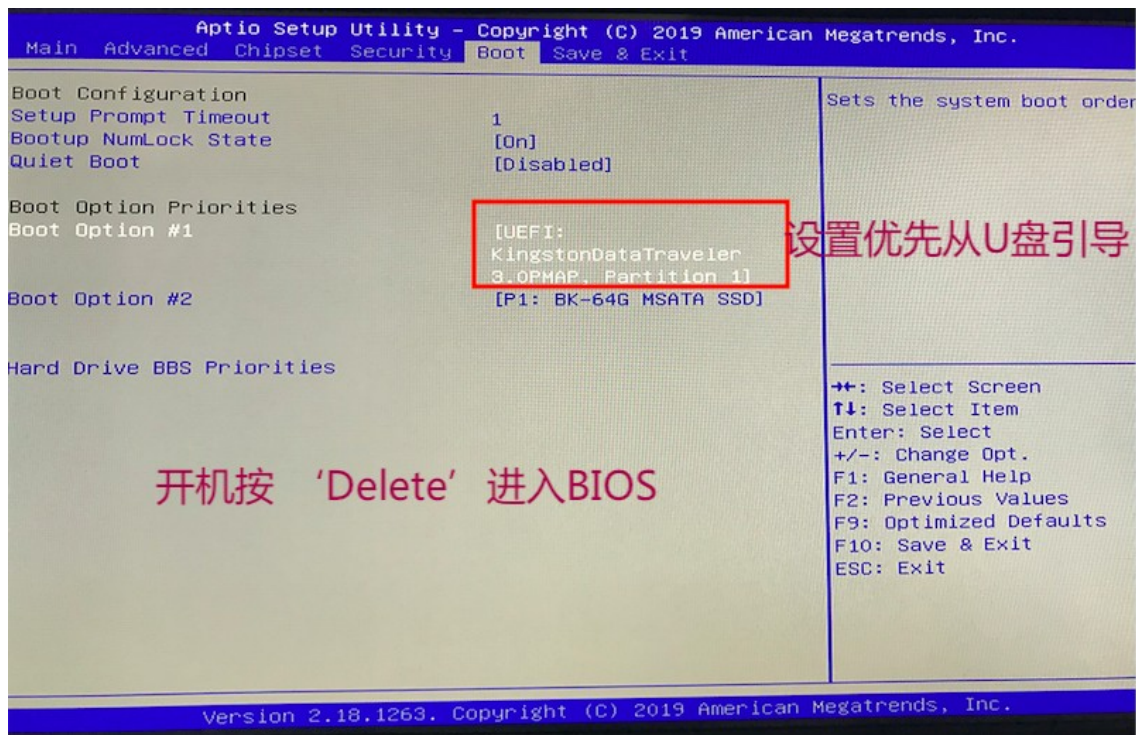
/dev/disk1 (synthesized):

#:	TYPE NAME	SIZE
IDENTIFIER		
0:	APFS Container Scheme -	+121.0 GB
disk1		

	Physical Store disk0s2	
1:	APFS Volume Macintosh HD	106.9 GB
disk1s1		
2:	APFS Volume Preboot	20.6 MB
disk1s2		
3:	APFS Volume Recovery	519.6 MB
disk1s3		
4:	APFS Volume VM	4.3 GB
disk1s4		
/dev/disk2 (external, physical):		
#:	TYPE NAME	SIZE
IDENTIFIER		
0:	FDisk_partition_scheme	*15.5 GB
disk2		
1:	0xEF	491.5 KB
disk2s1		
2:	OpenBSD	471.3 MB
disk2s4		

使用 u 盘引导 OpenBSD 6.6 系统安装

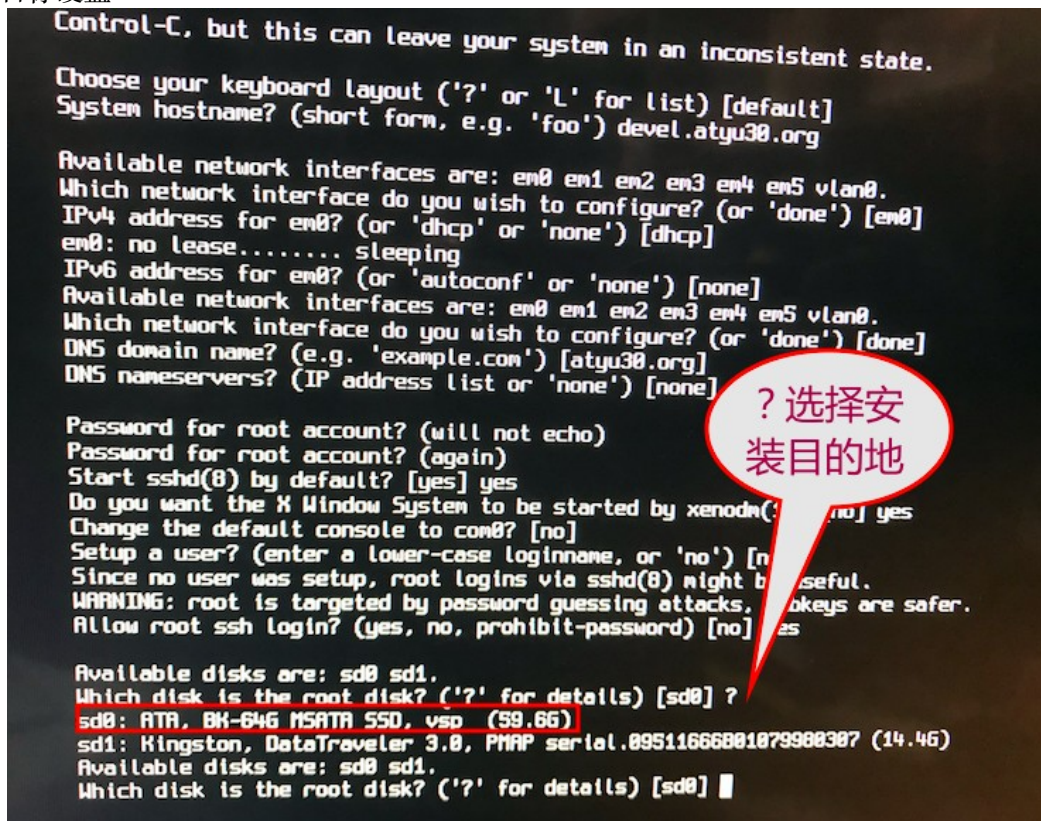
1.进入 BIOS 设置引导项



2. 保存 BIOS 设置

3. 将 OpenBSD 6.6 系统安装到本地硬盘

选择安装目标硬盘



4. 设置 OpenBSD 6.6 系统在线安装源

```
Location of sets?[http]
HTTP Server?(hostname, list#, 'done' or '?') [mirror.tuna.tsinghua.edu.cn] #使用清华大学开源
软件镜像站
Server directory? [OpenBSD/6.6/amd64] #使用清华大学开源软件镜像站OpenBSD源

Location of sets? (disk http nfs or 'done') [http]
HTTP proxy URL? (e.g. 'http://proxy:8080', or 'none') [none]
HTTP Server? (hostname, list#, 'done' or '?') [mirror.tuna.tsinghua.edu.c
n
Server directory? [pub/OpenBSD/6.6/amd64] OpenBSD/6.6/amd64

Select sets by entering a set name, a file name pattern or 'all'. De-select
sets by prepending a '-', e.g.: '-game*'. Selected sets are labelled '[X]'.
[X] bsd [X] base66.tgz [X] game66.tgz [X] xfont66.tgz
[X] bsd.mp [X] comp66.tgz [X] xbase66.tgz [X] xserv66.tgz
[X] bsd.rd [X] man66.tgz [X] xshare66.tgz
Set name(s)? (or 'abort' or 'done') [done]
Get/Verify SHA256.sig 100% |*****| 2141 00:00
Signature Verified
Get/Verify bsd 100% |*****| 18258 KB 00:21
Get/Verify bsd.mp 100% |*****| 18336 KB 00:09
Get/Verify bsd.rd 100% |*****| 18058 KB 00:06
Get/Verify base66.tgz 100% |*****| 236 KB 01:16
Get/Verify comp66.tgz 2% |*****| 2815 KB 28:23 ETA
```

设置在线安装源

Note:

Location of sets?[http]

HTTP Server?(hostname, list#, 'done' or '?') [mirror.tuna.tsinghua.edu.cn] #使用清华大学开源软件镜像站

Server directory? [OpenBSD/6.6/amd64] #使用清华大学开源软件镜像站OpenBSD 源