

## Frequently Asked Questions

### Question

1 = > 2 ; 5 = 8 5 FreeBSD

### Answer

8 = 0 @ = > 5 > 1 = > 2 ; 5 = 8 5:

# freebsd-update upgrade -r 8.3-RELEASE

5 @ 2 > = 0 G 0 ; L = K 9 ? @ > F 5 A A 0 ? 3 @ 5 9 4 0, O 4 @ > A B 0 2 8 B A O GENERIC,  
7 0 4 0 N B A O 2 > ? @ > A K ? @ > : > = D 8 3 D 0 9 ; K.

# freebsd-update install

# shutdown -r now

/ 4 @ > > 1 = > 2 ; O 5 B A O, ? 5 @ 5 3 @ C 6 0 5 < A O.

# freebsd-update install

4 5 A L freebsd-update 3 > 2 > @ 8 B, = 0 4 > ; 8 ? 5 @ 5 : > < ? 8 ; 8 B L  
C A B 0 = > 2 ; 5 = = > 5 8 7 ? > @ B > 2 2 A 2 O 7 8 A > A < 5 = > 9 2 5 @ A 8 8 ; 8 1.

# freebsd-update install

# 1 8 2 0 N B A O A B 0 @ K 5 ; 8 1 K 8 7 0 : 0 = G 8 2 0 5 B A O ? @ > F 5 A A ? 5 @ 5 E > 4 0  
= 0 = > 2 C N 2 5 @ A 8 N.

# shutdown -r now

1 = > 2 ; 5 = 8 5 G 5 @ 5 7 8 A E > 4 = 8 : 8, csup:

@ > 2 5 @ O 5 < 2 5 @ A 8 N 8 A E > 4 = 8 : > 2:

freebsd /# grep -A 2 'TYPE=' /usr/src/sys/conf/newvers.sh

TYPE="FreeBSD"

REVISION="8.1"

BRANCH="RELEASE-p2"

4 5 < 2 /usr/share/examples/cvsup, 1 5 @ 5 < D 0 9 ; standard-supfile 8 : > ? 8 @ C 5 < 2 1 > ; 5 5  
C 4 > 1 = > 5 < 5 A B >.

freebsd /# cp /usr/share/examples/cvsup/standard-supfile /etc/supfile

@ 8 2 > 4 8 < 5 3 > : B 0 : > < C 2 8 4 C:

```
*default host=cvsup6.ru.FreeBSD.org
# ! ? 8 A > : 7 5 @ : 0 ; < > 6 = > = 0 9 B 8 B C B
http://www.freebsd.org/doc/handbook/cvsup.html#CVSUP-MIRRORS
*default base=/var/db
*default prefix=/usr
*default release=cvs tag=RELENG_8_3
# ! ? 8 A > : B 5 3 > 2 http://www.freebsd.org/doc/handbook/cvs-tags.html
*default delete use-rel-suffix
*default compress
src-all
```

> A ; 5 A > E @ 0 = 5 = 8 O, 7 0 ? C A : 0 5 <:

csup -g -L 2 /etc/supfile

0 ? C A B 8 B A O A 8 = E @ > = 8 7 0 F 8 O 8 A E > 4 = K E B 5 : A B > 2 A 8 A B 5 < K.  
; 8 B 5 ; L = > A B L 7 0 2 8 A 8 B > B A : > @ > A B 8 : 0 = 0 ; 0.

**1 = > 2 ; 5 = 8 5 G 5 @ 5 7 8 A E > 4 = 8 : 8, svn:**

> B ; 8 G 8 8 > B csup, svn = 5 2 E > 4 8 B 2 A B 0 = 4 0 @ B = C N ? > A B 0 2 : C  
> ? 5 @ 0 F 8 > == > 9 A 8 A B 5 < K FreeBSD, 5 5 = C 6 = > C A B 0 = > 2 8 B L  
4 > ? > ; = 8 B 5 ; L = >. ? > @ B 0 E FreeBSD, : @ > < 5 > 1 K G = > 9 subversion  
A C I 5 A B 2 C 5 B 5 I 5 8 A ? 5 F 8 0 ; 8 7 8 @ > 2 0 == K 9 2 0 @ 8 0 = B subversion-freebsd,  
4 ; O > 1 = > 2 ; 5 = 8 O 8 A E > 4 = 8 : > 2 = 0 A 8 = B 5 @ 5 A C 5 B 8 < 5 == > > =.

freebsd /# cd /usr/ports

freebsd /# make -C devel/subversion-freebsd install clean

; O A 8 = E @ > = 8 7 0 F 8 8 G 5 @ 5 7 svn < > 6 = > 8 A ? > ; L 7 > 2 0 B L HTTP 8 ; 8  
SVN A 5 @ 2 5 @:

freebsd /# svn checkout http://svn.freebsd.org/base/releng/8.2/ /usr/src # G 5 @ 5 7 HTTP

8 ; 8 A > > B 2 5 B A B 2 5 == >

freebsd /# svn checkout svn://svn.freebsd.org/base/releng/8.2/ /usr/src # G 5 @ 5 7 SVN

> A ; 5 7 0 2 5 @ H 5 = 8 O, A = > 2 0 A < > B @ 8 < 2 5 @ A 8 N:

freebsd /# grep -A 2 "TYPE=" /usr/src/sys/conf/newvers.sh

TYPE="FreeBSD"

REVISION="8.2"

BRANCH="RELEASE-p1"

A 5 : 0 : = 0 4 >.

4 0 ; L = 5 9 H 5 <, 4 ; O A 8 = E @ > = 8 7 0 F 8 8, 4 > A B 0 B > G = > A 4 5 ; 0 B L:

```
freebsd /# svn update /usr/src/
```

```
! 1 > @ : 0 2 A 5 3 > A > 1 = > 2 ; 5 = = K < 8 8 A E > 4 = 8 : 0 < 8 :
```

```
' 8 A B 8 < = 0 2 A O : 8 9 A ; C G 0 9 4 8 @ 5 : B > @ 8 N /usr/obj : 0 : @ 5 : > < 5 = 4 C 5 B  
E 5 = 4 1 C ::
```

```
freebsd /# cd /usr/obj
```

```
freebsd /# chflags -R noschg *
```

```
freebsd /# rm -rf *
```

```
freebsd /# cd /usr/src
```

```
freebsd /# make cleandir # E 5 = 4 1 C : @ 5 : > < 5 = 4 C 5 B 2 K ? > ; = O B L M B C
```

```
: > < 0 = 4 C 4 2 0 6 4 K (!)
```

```
freebsd /# make cleandir
```

```
4 5 < 4 5 @ 5 2 > 8 A E > 4 = K E B 5 : A B > 2 :
```

```
freebsd /# cd /usr/src
```

```
8 @ 2 : > = B 5 : A B 5 > ? 5 @ 0 F 8 > = = > 9 A 8 A B 5 < K FreeBSD, M B > 2 A 5, G B >  
= 5 O 4 @ >. ; N G - j : > < 0 = 4 K make ? > 7 2 > ; O 5 B 7 0 ? C A B 8 B L ? @ > F 5 A A 2  
= 5 A : > ; L : > ? > B > : > 2, ; ; N G - s C < 5 = L H 0 5 B : > ; 8 G 5 A B 2 >  
8 = D > @ < 0 F 8 8 2 K 2 > 4 8 < > 9 = 0 M : @ 0 = 2 ? @ > F 5 A A 5 A 1 > @ : 8.  
> < 0 = 4 0 time ? @ > A B > A G 8 B 0 5 B 2 @ 5 < O. 7 0 B @ 0 G 5 = = > 5 = 0  
2 K ? > ; = 5 = 8 5 A ; 5 4 C N I 5 9 7 0 = 5 9 : > < 0 = 4 K, G 8 A B > 4 ; O  
8 = B 5 @ 5 A 0). 0 ? C A : 0 5 < A 1 > @ : C < 8 @ 0 8 6 4 5 <.
```

```
freebsd /usr/src# time make -s -j4 buildworld
```

```
A ; 8 2 A 5 ? @ > H ; > C A ? 5 H = >, ? > ; C G 0 5 <:
```

```
>>> World build completed on Thu Apr 21 06:43:20 UTC 2011
```

```
" 5 ? 5 @ L A > 1 8 @ 0 5 < O 4 @ >. ? 0 @ 0 < 5 B @ 5 KERNCONF, C : 0 7 K 2 0 5 B A O  
= 0 7 2 0 = 8 5 = 0 H 5 3 > O 4 @ 0, 5 A ; 8 B 0 : > 2 > 5 8 < 5 5 B A O, 5 A ; 8 4 0 = = 0 O  
> ? F 8 O = 5 C A B 0 = > 2 ; 5 = 0, 1 C 4 5 B A > 1 @ 0 = > O 4 @ > GENERIC,  
8 A ? > ; L 7 C 5 < > 5 A 8 A B 5 < > 9 FreeBSD ? > C < > ; G 0 = 8 N.  
4 0 = = > < A ; C G 0 5 O A > 1 8 @ 0 N A 2 > 5 O 4 @ >:
```

```
freebsd /usr/src# make -j4 -s buildkernel KERNCONF=GARROTTE
```

```
# A B 0 = 0 2 ; 8 2 0 5 < B > ; L : > G B > A : > < ? 8 ; 8 @ > 2 0 = = > 5 O 4 @ >:
```

```
freebsd /usr/src# make -s installkernel KERNCONF=GARROTTE
```

```
@ 8 C A B 0 = > 2 : 5 = > 2 > 3 > O 4 @ 0 ? @ > 8 A E > 4 8 B A ; C 4 C N I 5 5:
```

=>2>5 O4 @> :>?8 @ C5BAO 2 ?0?: C /boot/kernel, B5: C I 55  
?5 @5<5 I 05BAO 2 /boot/kernel.old. A; C G 05, 5A; 8 A =>2K< O4 @><  
A8AB5<0=5 7025;0AL, 5ABL 2>7<>6=>ABL 703 @C78BL  
? @54K4C I C N 25 @A8N 87 :><0=4=>9 AB @>:8 703 @CG8:0.

"5?5 @L =C6=> A45;0BL ?5 @5703 @C7:C 2  
>4=>?>;L7>20B5;LA:89 @568<. 5;05< ;81>reboot, 0 70B5<  
=0 M: @0=5 703 @C7G8:0 2K18 @05<Single user mode, F8D @04 2 >:=5  
703 @C7G8:0; ;81> 8A?>;L7C5< :><0=4 C shutdown now,  
?5 @52>4O I C N <0H8=C 2 @568<single user.

? @>F5AA5 703 @C7:8, 1C45B 2K40= 70? @>A, 225AB8 ?>;=K9  
?CBL : A8AB5<=>9 >1>;>G:5, BCB <>6=> ? @>AB> =060BL  
Enter, A>3;0A82H8AL A ? @54;>65==K</bin/sh.  
A;8 8A?>;L7>20;8 shutdown now, @0745;K 1C4CB A<>=B8 @>20=K  
:0:=C6=>, ? @8 8A?>;L7>20=88 reboot, 1C4CB A<>=B8 @>20=K2  
@0745;0, devfs 8 :> @=52>9 @0745;; ? @8 MB>< :> @=52>9 1C45B  
A<>=B8 @>20= 2 @568<5 read only, B> 5ABL B>;L:> GB5=85.

A;8 45;0;8 reboot, ?>ABC?05< A;54CNI8< >1 @07><:

# mount -u / # 5 @5<>=B8 @C5< :> @=52>9 @0745; 2 @568<  
GB5=85/70?8AL  
# mount -a # >=B8 @C5< 2A5 GB> ? @>?8A0=> 2/etc/fstab

B5?5 @L 2K?>;=O5< :><0=4C

freebsd /# mergemaster -p

"CB =C6=> 1KBL 2=8<0B5;L=K< A<>B @5BL, GB>mergemaster  
? @54;0305B A45;0BL A B5< 8;8 8=K< :>=D83><, 8 2K18 @0BL  
CAB @0820NI89 20A 20 @80=B 459AB289.

d- >AB028BL AB0 @K9 20 @80=B D09;0, C40;82 =>2K9;  
i- CAB0=>28BL =>2K9, C40;82 AB0 @K9;  
m- ?>AB @>G=>5 A @02=5=85 AB0 @>3> 8 =>2>3> D09;0;  
v- A @02=8BL D09;K 5I5 @07.

@8 2K1> @5 ?>AB @>G=>3> A @02=5=8O. =0 M: @0= 1K4CB  
2K2545=K >15 25 @A88 D09;0, A;520 A>45 @68<>5 AB0 @>3>  
D09;0, A? @020 =>2>3>. >7<>6=K5 20 @80=BK 459AB289:

l- 8A?>;L7>20BL 20 @80=B A;520, B> 5ABL AB0 @K9;  
r- 8A?>;L7>20BL 20 @80=B A? @020, B> 5ABL =>2K9;

<59B5 2 284C, BC?0O CAB0=>2:0 A2568E 25 @A89 :>=D83>2, =5  
2A5340 O2;O5BAO B5<, GB> 20< =C6=>, ?>A:>;L:C 2

? @ > F 5 A A 5 @ 0 1 > B K 2 K < > 3 ; 8 = 0 A B @ 0 8 2 0 B L : 0 : 8 5 - B > : > = D 8 3 8  
? > 4 A 2 > 8 = C 6 4 K 8 2 K 1 @ 0 2 C A B 0 = > 2 : C = > 2 > 9 2 5 @ A 8 8 D 0 9 ; 0 , 2 A 5  
A 4 5 ; 0 = = K 5 8 7 < 5 = 5 = 8 O 2 A B 0 @ > < D 0 9 ; 5 1 C 4 C B C B 5 @ O = K.

> A ; 5 7 0 2 5 @ H 5 = 8 O @ 0 1 > B K = 0 4 : > = D 8 3 0 < 8 , C A B 0 = 0 2 ; 8 2 0 5 <  
< 8 @ :

freebsd /# make installworld

@ > F 5 A A = 5 < = > 3 8 < 4 > ; L H 5 C A B 0 = > 2 : 8 O 4 @ 0 , ? > A ; 5  
> : > = G 0 = 8 O 4 5 ; 0 5 < reboot 8 ? @ > 2 5 @ O 5 < G B > ? > ; C G 8 ; > A L :

freebsd /# uname -r  
8.2-RELEASE-p1

> = 5 > 1 E > 4 8 < > A B 8 , C 4 0 ; O 5 < A B 0 @ K 5 1 8 1 ; 8 > B 5 : 8 :

freebsd /# cd /usr/src && make check-old  
freebsd /# yes | make delete-old  
freebsd /# yes | make delete-old-libs

G 8 A B 8 < 7 0 A > 1 > 9 /usr/obj

freebsd /# cd /usr/obj && chflags -R noschg \* && rm -rf \*

---

## Details

Info Thursday 26 April 2012 - 02:23:14 by