

## Frequently Asked Questions

### Question

I 5 > 48 = A > D B > 2 K 9 @ 5 9 4 = 0 FreeBSD

### Answer

C 4 ; O = 0 G 0 ; 0 = 0 4 > C A B 0 = > 2 8 B L 2 E 0 @ 4 0 , : > B > @ K 5 1 C 4 C B  
8 A ? > ; L 7 > 2 0 B L A O @ 5 9 4 > < , ? > B > < C A B 0 = > 2 8 B L = 0 > 4 8 = 8 7  
= 8 E D @ N , 0 ? > B > < :

C ? @ 0 2 0 < 8 root 7 0 2 0 ; 8 2 0 5 < A O 2 A 8 A B 5 < C , 2 : > = A > ; 8 = 0 1 8 @ 0 5 <  
: > < 0 = 4 C :

sysctl kern.geom.debugflags=16

0 ; 5 5 A > 7 4 0 5 < C A B @ > 9 A B 2 > g m 0 : > B > @ > 5 A > 1 A B 2 5 = = > 8 1 C 4 5  
O 2 ; O B L A O R A I D 1 - < 0 A A 8 2 > < 8 ? > 4 : ; N G 0 5 < : = 5 < C 6 5 A B : 8 9 4 8 A : a d 4 :

gmirror label -v -b round-robin gm0 /dev/ad4

> 1 0 2 ; O 5 < < > 4 C ; L O 4 @ 0 gmirror 2 0 2 B > 7 0 3 @ C 7 : C :

echo geom\_mirror\_load=YES >> /boot/loader.conf

2 /etc/fstab < 5 = O 5 < 2 A 5 C A B @ > 9 B 2 0 = 0 G 8 = 0 N I 8 5 A O A /dev/ad4XXX = 0  
/dev/mirror/gm0XXX

0 ; 5 5 = 0 1 8 @ 0 5 < reboot 8 A < > B @ 8 < = 0 ? > 2 5 4 5 = 8 5 7 0 3 @ C 7 : 8 . A ; 8  
2 A 5 = = > @ < 0 ; L = > ? @ > H ; > ? 5 @ 5 E > 4 8 < : A ; 5 4 C N I 5 < C M B 0 ? C .  
: ; N G 0 5 < 2 7 5 @ : 0 ; > 2 B > @ > 9 6 5 A B : 8 9 4 8 A : @ 0 2 = > 3 > > 1 J 5 < 0 ,  
/dev/ad6.

" 0 : 6 5 , A ? @ 0 2 0 < 8 root = 0 1 8 @ 0 5 < : > < 0 = 4 C :

gmirror insert gm0 /dev/ad6

" C B 5 A B L @ O 4 7 0 < 5 G 0 = 8 9 , 2 > ? 5 @ 2 K E , M B > B 4 8 A : = 5 4 > ; 6 5 =  
1 K B L @ 0 7 4 5 ; 5 = = 0 A ; 0 9 A K , 2 > 2 B > @ K E , 5 3 > @ 0 7 < 5 @ 4 > ; 6 5 =  
B > G = > A > > B 2 5 B A B 2 > 2 0 B L 3 ; 0 2 = > < C 4 8 A : C , 4 > ? C A B 8 < >  
G B > 1 K > = 1 K ; = 5 < = > 3 > 1 > ; L H 5 , = > = 5 < 5 = L H 5 !  
? @ > B 8 2 = > < A ; C G 0 5 : > < 0 = 4 0 2 : ; N G 5 = 8 O M B > 3 > 4 8 A : 0 = 5  
> B @ 0 1 > B 0 5 B 8 2 K 4 0 A B A > > 1 I 5 = 8 5 > B > B G B > 4 8 A : A ; 8 H : > <  
< 0 ; ? > > B = > H 5 = 8 N : > A = > 2 = > < C 4 8 A : C . A ; C G 0 5 5 A ; 8  
2 B > @ > 9 4 8 A : , ? > 4 : ; N G 0 5 < K 9 : 7 5 @ : 0 ; C 1 C 4 5 B = 5 < = > 3 > 8 ; 8  
= 0 < = > 3 > 1 > ; L H 5 , 4 8 A : O 2 ; O N I 8 9 A O > A = > 2 = K < 8 8 < 5 N I 8 9

<5=LH89 @07<5@ 1C45B ? @8> @8B5B=K<. ".5. =0 2B> @>< 48A:5  
1C45B 70=OB ?>4 75@:0;> @07<5@ @02=K9 >1J5<C ?5@2>3>  
48A:0, 2A5 >AB0;L=>5 ? @>AB @0=AB2> 1C45B 15AA<KA;5==>  
?CAB20BL. <5==> ?> MB><C @0F8>=0;L=> 2A5 65 AB028BL  
48A:8 >48=0:>2>3> @07<5@0.

@54?>;>68< GB> A >1J5<0<8 48A:>2 C 20A 2A5 2 ?> @O4:5 8  
:><04=40 gmirror insert >B @01>B0;0 => @<0;L=>, 4;O  
=01;N45=85< 70 ? @>F5AA>< A8=E @>=870F88 B><>2  
?5 @8>48G5A:8 =018 @09B5 :><0=4C:

gmirror status 8 ; 8 gmirror list

>A;5 B>3> :0: A8=E @0=870F8O B><>2 CA?5H=0 7025 @H5=0,  
<>65B5 ? @>25 @8BL @01>B>A?>A>1=>ABL 20H53>RAID1. ;O  
MB>3> 2K:;NG05B5 <0H8=C, >B:;NG05B5 >48= 87 48A:>2,  
70B5< ? @>1C5B5 =5 <5=OO ? @8 MB>< =8:0:8E =0AB @>5: 2 BIOS  
703 @C78BLAO, 5A;8 2A5 ? @>H;> => @<0;L=>, A=>20  
2K:;NG05B5 <0H8=C, 2>72 @0I05B5 B:;NG5==K9 48A: =0  
<5AB> 8 >B:;NG05B5 2B> @>9, 2 A;CG05 CA?5H=>9 703 @C7:8  
AG8B05< =0AB @>9:C 0??0 @0B=>3>RAID1 >:>=G5==>9.

=0 ?>A;54>:. A;CG05 2KE>40 >4=>3> 87 48A:>2 2  
75 @:0;5, =0? @8<5 @ad6 872;5:05< 53> (? @8 2K:;NG5==>9  
<0H8=5) 70<5=O5< =0 =>2K9, A>>B25BAB2CNI53> @07<5@0  
8;8 1>;LH89 8 2K?>;=O5< A;54CNI85 :><0=4K:

gmirror forget gm0

gmirror insert gm0 /dev/ad6

0 2>>1I5 A8;L=> @5:><5=4CN ?>G8B0BLman :0A0B5;L=>  
gmirror, B0< <=>3> 8=B5 @5A=>3>.

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## Details

Info Friday 11 July 2014 - 17:20:02 by vampyr

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