

# ZPOOL: Detach a submirror from a mirrored zpool

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## ZPOOL: Detach a submirror from a mirrored zpool

```
# Tested on RHEL 6 & 7
```

```
# Even if ZFS can use individual slices or partitions, it is  
recommended to use whole disks.
```

```
# Having a mirrored zpool like following one
```

```
POOLNAME=my_pool
```

```
zpool status $POOLNAME
```

```
pool: my_pool  
state: ONLINE  
scan: resilvered 65K in 0h0m with 0 errors on Tue Sep 1 16:37:43  
2015  
config:
```

NAME	STATE	READ	WRITE	CKSUM
my_pool	ONLINE	0	0	0
mirror-0	ONLINE	0	0	0
sdb	ONLINE	0	0	0
sdd	ONLINE	0	0	0
mirror-1	ONLINE	0	0	0
sdc	ONLINE	0	0	0
sde	ONLINE	0	0	0

```
errors: No known data errors
```

```
# we would like to detach one of the sides of the mirror
```

```
DEVICE01=/dev/sdd
```

```
DEVICE02=/dev/sde
```

```
# We detach one by one the devices from one of the sides of the  
mirror:
```

```
zpool detach $POOLNAME $DEVICE02
```

```
zpool status $POOLNAME
```

```
pool: my_pool
```

```
state: ONLINE
```

```
scan: resilvered 65K in 0h0m with 0 errors on Tue Sep 1 16:37:43  
2015
```

```
config:
```

NAME	STATE	READ	WRITE	CKSUM
my_pool	ONLINE	0	0	0
mirror-0	ONLINE	0	0	0
sdb	ONLINE	0	0	0
sdd	ONLINE	0	0	0
sdc	ONLINE	0	0	0

```
errors: No known data errors
```

```
zpool detach $POOLNAME $DEVICE01
```

```
zpool status $POOLNAME
```

```
pool: my_pool
state: ONLINE
scan: resilvered 65K in 0h0m with 0 errors on Tue Sep 1 16:37:43
2015
config:

    NAME          STATE          READ  WRITE CKSUM
    my_pool       ONLINE         0     0     0
    sdb           ONLINE         0     0     0
    sdc           ONLINE         0     0     0

errors: No known data errors
```

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