

NAME

zpool-replace - replace one device with another in ZFS storage pool

SYNOPSIS

zpool replace [-fsw] [-o *property=value*] *pool device* [*new-device*]

DESCRIPTION

Replaces *device* with *new-device*. This is equivalent to attaching *new-device*, waiting for it to resilver, and then detaching *device*. Any in progress scrub will be cancelled.

The size of *new-device* must be greater than or equal to the minimum size of all the devices in a mirror or raidz configuration.

new-device is required if the pool is not redundant. If *new-device* is not specified, it defaults to *device*. This form of replacement is useful after an existing disk has failed and has been physically replaced. In this case, the new disk may have the same */dev* path as the old device, even though it is actually a different disk. ZFS recognizes this.

-f Forces use of *new-device*, even if it appears to be in use. Not all devices can be overridden in this manner.

-o *property=value*

Sets the given pool properties. See the `zpoolprops(7)` manual page for a list of valid properties that can be set. The only property supported at the moment is **ashift**.

-s The *new-device* is reconstructed sequentially to restore redundancy as quickly as possible. Checksums are not verified during sequential reconstruction so a scrub is started when the resilver completes. Sequential reconstruction is not supported for raidz configurations.

-w Waits until the replacement has completed before returning.

SEE ALSO

`zpool-detach(8)`, `zpool-initialize(8)`, `zpool-online(8)`, `zpool-resilver(8)`