

NAME

zfs-upgrade - manage on-disk version of ZFS filesystems

SYNOPSIS

zfs upgrade

zfs upgrade -v

zfs upgrade [-r] [-V *version*] -a|*filesystem*

DESCRIPTION

zfs upgrade

Displays a list of file systems that are not the most recent version.

zfs upgrade -v

Displays a list of currently supported file system versions.

zfs upgrade [-r] [-V *version*] -a|*filesystem*

Upgrades file systems to a new on-disk version. Once this is done, the file systems will no longer be accessible on systems running older versions of ZFS. **zfs send** streams generated from new snapshots of these file systems cannot be accessed on systems running older versions of ZFS.

In general, the file system version is independent of the pool version. See [zpool-features\(7\)](#) for information on features of ZFS storage pools.

In some cases, the file system version and the pool version are interrelated and the pool version must be upgraded before the file system version can be upgraded.

-V *version*

Upgrade to *version*. If not specified, upgrade to the most recent version. This option can only be used to increase the version number, and only up to the most recent version supported by this version of ZFS.

-a Upgrade all file systems on all imported pools.

filesystem Upgrade the specified file system.

-r Upgrade the specified file system and all descendent file systems.

SEE ALSO

[zpool-upgrade\(8\)](#)