NAME

zfs-jail - attach or detach ZFS filesystem from FreeBSD jail

SYNOPSIS

zfs jail *jailid|jailname filesystem*
zfs unjail *jailid|jailname filesystem*

DESCRIPTION

The **zfs-jail** utility can be used to assign a dataset onto a running FreeBSD system jail(4), allowing zfs(8) management utilities to be run inside of the jail(4).

To allow management of the dataset from within a jail, the **jailed** property has to be set and the jail needs access to the */dev/zfs* device. The **quota** property cannot be changed from within a jail.

To use this functionality, the jail needs the **allow.mount** and **allow.mount.zfs** parameters set to **1** and the **enforce_statfs** parameter set to a value lower than **2**.

The subcommands are as follows:

jail *jailid|jailname filesystem*
Attach the specified *filesystem* to the jail identified by JID *jailid* or name *jailname*. From now on this file system tree can be managed from within a jail if the **jailed** property has been set.

You cannot attach a jailed dataset's children to another jail. You can also not attach the root file system of the jail or any dataset which needs to be mounted before the zfs rc script is run inside the jail, as it would be attached unmounted until it is mounted from the rc script inside the jail.

After a dataset is attached to a jail and the **jailed** property is set, a jailed file system cannot be mounted outside the jail, since the jail administrator might have set the mount point to an unacceptable value.

unjail *jailid|jailname filesystem*
Detaches the specified *filesystem* from the jail identified by JID *jailid* or name *jailname*.

SEE ALSO

zfsprops(7), jail(8)

CAVEATS

The root directory of jail can not be delegated to the jail with this utility because the jail must be running with a valid root directory.

Jails are a FreeBSD feature and are not relevant on other platforms. See jail(8) for more information on managing jails.