

TrueNAS Software project



Reports



Components

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Critical Permissions issue in ZFS on FreeBSD

Show worklogs

Description

Issue 1:

Users are always granted permissions to cd into a directory. The check for whether execute is present on directories is a de-facto no-op. This cannot be mitigated without upgrading. Even setting an explicit "deny - execute" NFSv4 ACE will be bypassed.

Issue 2:

All ACEs for the owner_group (group@) and regular groups (group:<foo> are granted the current user. This means that POSIX mode 770 is de-facto 777, and the below ACL is also de-facto 777 because the groupmember check for builtin_administrators returns True.

root@TNBETA1[~]# getfacl testfile

- 1. file: testfile
- 2. owner: root
- 3. group: wheel

 $group: builtin_administrators: rwxpDdaARWcCos: -----: allow$

This currently affects FreeBSD port of openzfs.

12.x BETA1/BETA2/MASTER and sysutils/openzfs-kmod are impacted.

Status: Resolved

Links:

Upstream Fix: OpenZFS Commit:

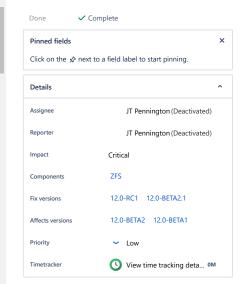
https://github.com/openzfs/zfs/commit/716b53d0a14c72bda16c0872565dd1909757e73f

Ports Code fix: https://reviews.freebsd.org/D26107

Timetracker ···

Error





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