
Subject: [RFC] [PATCH 7/8] userns: reiser4: replace uid==0 check with capability
Posted by [serue](#) on Fri, 07 Dec 2007 19:15:28 GMT

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>From c257cb67ce00c8769730cfa92379a53009d99b28 Mon Sep 17 00:00:00 2001
From: sergeh@us.ibm.com <sergeh@us.ibm.com>
Date: Wed, 5 Dec 2007 14:02:45 -0800
Subject: [RFC] [PATCH 7/8] userns: reiser4: replace uid==0 check with capability

Reiser4 gives root some reserved blocks. Replace the uid==0 check, which is not safe in the face of user namespaces, with a CAP_SYS_RESOURCE check, which seems appropriate.

The per-uid and per-gid reservations appear unimplemented so I'm ignoring them.

Signed-off-by: Serge Hallyn <serue@us.ibm.com>

fs/reiser4/super.c | 2 +-
1 files changed, 1 insertions(+), 1 deletions(-)

diff --git a/fs/reiser4/super.c b/fs/reiser4/super.c
index bc4113e..50e3d09 100644

--- a/fs/reiser4/super.c

+++ b/fs/reiser4/super.c

@@ -144,7 +144,7 @@ long reiser4_reserved_blocks(const struct super_block *super /* super block

```
    reserved += reserved_for_gid(super, gid);  
    if (REISER4_SUPPORT_UID_SPACE_RESERVATION)  
        reserved += reserved_for_uid(super, uid);  
- if (REISER4_SUPPORT_ROOT_SPACE_RESERVATION && (uid == 0))  
+ if (REISER4_SUPPORT_ROOT_SPACE_RESERVATION &&  
capable(CAP_SYS_RESOURCE))  
    reserved += reserved_for_root(super);  
    return reserved;  
}
```

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1.5.1

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