Subject: [RFC] [PATCH -mm] reiser4: replace uid==0 check with capability
Posted by serue on Wed, 12 Dec 2007 21:01:07 GMT
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>From c257cb67ce00c8769730cfa92379a53009d99b28 Mon Sep 17 00:00:00 2001
From: serue@us.ibm.com <serue@us.ibm.com>
Date: Wed, 5 Dec 2007 14:02:45 -0800
Subject: [RFC] [PATCH -mm] 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-guid 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;
}
--
1.5.1

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