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Subject: Re: [PATCH] change inotifyfs magic as the same magic is used for futexfs  
Posted by [Randy Dunlap](#) on Fri, 21 Sep 2007 15:53:13 GMT  
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On Fri, 21 Sep 2007 17:35:43 +0400 Andrey Mirkin wrote:

> From: Andrey Mirkin <major@openvz.org>  
>  
> Right now futexfs and inotifyfs have one magic 0xBAD1DEA, that looks a little  
> bit confusing.  
> Use 0xBAD1DEA as magic for futexfs and 0x2BAD1DEA as magic for inotifyfs.  
>  
> Signed-off-by: Andrey Mirkin <major@openvz.org>

A 'diffstat -p 1 -w 70' would be helpful so we can see which files are touched.

Please add these magic numbers to include/linux/magic.h so that they are clearly visible and conflicts can be seen easier, then #include <linux/magic.h> in these source files.

```
> ----  
>  
> diff --git a/fs/inotify_user.c b/fs/inotify_user.c  
> index 9bf2f6c..9b1a195 100644  
> --- a/fs/inotify_user.c  
> +++ b/fs/inotify_user.c  
> @@ -684,7 +684,7 @@ static int  
> inotify_get_sb(struct file_system_type *fs_type, int flags,  
>      const char *dev_name, void *data, struct vfsmount *mnt)  
> {  
> - return get_sb_pseudo(fs_type, "inotify", NULL, 0xBAD1DEA, mnt);  
> + return get_sb_pseudo(fs_type, "inotify", NULL, INOTIFYFS_MAGIC, mnt);  
> }  
>  
> static struct file_system_type inotify_fs_type = {  
> diff --git a/include/linux/futex.h b/include/linux/futex.h  
> index 9965035..89611cc 100644  
> --- a/include/linux/futex.h  
> +++ b/include/linux/futex.h  
> @@ -3,6 +3,8 @@ #define _LINUX_FUTEX_H  
>  
> #include <linux/sched.h>  
>  
> +#define FUTEXFS_MAGIC 0xBAD1DEA  
> +  
> union ktime;
```

```
>
> /* Second argument to futex syscall */
> diff --git a/include/linux/inotify.h b/include/linux/inotify.h
> index d4f48c6..2579c4d 100644
> --- a/include/linux/inotify.h
> +++ b/include/linux/inotify.h
> @@ -9,6 +9,8 @@ #define _LINUX_INOTIFY_H
>
> #include <linux/types.h>
>
> +#define INOTIFYFS_MAGIC 0x2BAD1DEA
> +
> /*
>  * struct inotify_event - structure read from the inotify device for each
>  * event
>  *
> diff --git a/kernel/futex.c b/kernel/futex.c
> index e8935b1..6b57355 100644
> --- a/kernel/futex.c
> +++ b/kernel/futex.c
> @@ -2074,7 +2074,7 @@ static int futexfs_get_sb(struct file_sy
>      int flags, const char *dev_name, void *data,
>      struct vfsmount *mnt)
> {
> - return get_sb_pseudo(fs_type, "futex", NULL, 0xBAD1DEA, mnt);
> + return get_sb_pseudo(fs_type, "futex", NULL, FUTEXFS_MAGIC, mnt);
> }
>
> static struct file_system_type futex_fs_type = {
> -
---
~Randy
*** Remember to use Documentation/SubmitChecklist when testing your code ***
```