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Subject: Re: [PATCH -mm] uts namespace : remove CONFIG\_UTS\_NS

Posted by [Herbert Poetzl](#) on Mon, 22 Jan 2007 22:09:58 GMT

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On Tue, Jan 16, 2007 at 09:27:34AM -0600, Serge E. Hallyn wrote:

> Quoting Cedric Le Goater (clg@fr.ibm.com):

> > CONFIG\_UTS\_NS has very little value as it only deactivates the unshare

> > of the uts namespace and does not improve performance.

> >

> > Signed-off-by: Cedric Le Goater <clg@fr.ibm.com>

>

> It really is worthless complication, with the sole effect being to

> complicate testing...

we already force that on by default (in Linux-VServer)

and I don't think the code can be considered critical

enough for special casing that ...

so I'm perfectly fine with removing that for UTS

best,

Herbert

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

>

> > ---

> > include/linux/utsname.h | 19 -----

> > init/Kconfig | 8 -----

> > kernel/Makefile | 3 +-+

> > kernel/sysctl.c | 3 +-+

> > 4 files changed, 2 insertions(+), 31 deletions(-)

> >

> > Index: 2.6.20-rc4-mm1/include/linux/utsname.h

> > =====

> > --- 2.6.20-rc4-mm1.orig/include/linux/utsname.h

> > +++ 2.6.20-rc4-mm1/include/linux/utsname.h

> > @@ -48,7 +48,6 @@ static inline void get\_uts\_ns(struct uts

> > kref\_get(&ns->kref);

> > }

> >

> > -#ifdef CONFIG\_UTS\_NS

> > extern int unshare\_utsname(unsigned long unshare\_flags,

> > struct uts\_namespace \*\*new\_uts);

> > extern int copy\_utsname(int flags, struct task\_struct \*tsk);

> > @@ -58,24 +57,6 @@ static inline void put\_uts\_ns(struct uts

> > {

> > kref\_put(&ns->kref, free\_uts\_ns);

> > }

```

> > -#else
> > -static inline int unshare_utsname(unsigned long unshare_flags,
> > - struct uts_namespace **new_uts)
> > -{
> > - if (unshare_flags & CLONE_NEWUTS)
> > - return -EINVAL;
> > -
> > - return 0;
> > -}
> > -
> > -static inline int copy_utsname(int flags, struct task_struct *tsk)
> > -{
> > - return 0;
> > -}
> > -static inline void put_uts_ns(struct uts_namespace *ns)
> > -{
> > -}
> > -#endif
> >
> > static inline struct new_utsname *utsname(void)
> > {
> > Index: 2.6.20-rc4-mm1/init/Kconfig
> > =====
> > --- 2.6.20-rc4-mm1.orig/init/Kconfig
> > +++ 2.6.20-rc4-mm1/init/Kconfig
> > @@ -205,14 +205,6 @@ config TASK_DELAY_ACCT
> >
> > Say N if unsure.
> >
> > -config UTS_NS
> > - bool "UTS Namespaces"
> > - default n
> > - help
> > - Support uts namespaces. This allows containers, i.e.
> > - vservers, to use uts namespaces to provide different
> > - uts info for different servers. If unsure, say N.
> > -
> > config AUDIT
> > bool "Auditing support"
> > depends on NET
> > Index: 2.6.20-rc4-mm1/kernel/Makefile
> > =====
> > --- 2.6.20-rc4-mm1.orig/kernel/Makefile
> > +++ 2.6.20-rc4-mm1/kernel/Makefile
> > @@ -8,7 +8,7 @@ obj-y = sched.o fork.o exec_domain.o
> > signal.o sys.o kmod.o workqueue.o pid.o \
> > rcupdate.o extable.o params.o posix-timers.o \
> > kthread.o wait.o kfifo.o sys_ni.o posix-cpu-timers.o mutex.o \

```

```
> > - hrtimer.o rwsem.o latency.o nsproxy.o srcu.o
> > + hrtimer.o rwsem.o latency.o nsproxy.o srcu.o utsname.o
> >
> > obj-$(CONFIG_STACKTRACE) += stacktrace.o
> > obj-y += time/
> > @@ -48,7 +48,6 @@ obj-$(CONFIG_SECCOMP) += seccomp.o
> > obj-$(CONFIG_RCU TORTURE_TEST) += rcutorture.o
> > obj-$(CONFIG_DEBUG_SYNCHRO_TEST) += synchro-test.o
> > obj-$(CONFIG_RELAY) += relay.o
> > -obj-$(CONFIG_UTS_NS) += utsname.o
> > obj-$(CONFIG_TASK_DELAY_ACCT) += delayacct.o
> > obj-$(CONFIG_TASKSTATS) += taskstats.o tsacct.o
> >
> > Index: 2.6.20-rc4-mm1/kernel/sysctl.c
> > =====
> > --- 2.6.20-rc4-mm1.orig/kernel/sysctl.c
> > +++ 2.6.20-rc4-mm1/kernel/sysctl.c
> > @@ -187,10 +187,9 @@ int sysctl_legacy_va_layout;
> > static void *get_uts(ctl_table *table, int write)
> > {
> >     char *which = table->data;
> > #ifndef CONFIG_UTS_NS
> >     struct uts_namespace *uts_ns = current->nsproxy->uts_ns;
> >     which = (which - (char *)&init_uts_ns) + (char *)uts_ns;
> > #endif
> > +
> >     if (!write)
> >         down_read(&uts_sem);
> >     else
> > _____
> > Containers mailing list
> > Containers@lists.osdl.org
> > https://lists.osdl.org/mailman/listinfo/containers
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