Subject: Re: [ckrm-tech] [PATCH 1/6] BC: kconfig
Posted by dev on Thu, 24 Aug 2006 11:47:07 GMT
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> Is there a reason why these can be moved to a arch-neutral place ?
I think a good place for BC would be kernel/Kconfig.bc
but still this should be added into archs.
ok?

> PS: Please keep ckrm-tech on Cc: please.
Sorry, it is very hard to track emails coming from authors and 3 mailing lists.
Better tell me the interested people emails.

Thanks,
Kirill

>
> On Wed, 2006-08-23 at 15:01 +0400, Kirill Korotaev wrote:
>
>>Add kernel/bc/Kconfig file with BC options and
>>include it into arch Kconfigs
>>
>>Signed-off-by: Pavel Emelianov <xemul@sw.ru>
>>Signed-off-by: Kirill Korotaev <dev@sw.ru>
>>
>>---
>>
>> arch/i386/Kconfig | 2 ++
>> arch/ia64/Kconfig | 2 ++
>> arch/powerpc/Kconfig | 2 ++
>> arch/ppc/Kconfig | 2 ++
>> arch/sparc/Kconfig | 2 ++
>> arch/sparc64/Kconfig | 2 ++
>> arch/x86_64/Kconfig | 2 ++
>> kernel/bc/Kconfig | 25 +++++++++++++++++++++++++
>> 8 files changed, 39 insertions(+)
>>
>>--- ./arch/i386/Kconfig.bckm 2006-07-10 12:39:10.000000000 +0400
>>+++ ./arch/i386/Kconfig 2006-07-28 14:10:41.000000000 +0400
>>@@ -1146,6 +1146,8 @@ source "crypto/Kconfig"
>>
>> source "lib/Kconfig"
>>
>>+source "kernel/bc/Kconfig"
>>+
>> #
>> # Use the generic interrupt handling code in kernel/irq/:
>> #

>>--- ./arch/ia64/Kconfig.bckm 2006-07-10 12:39:10.000000000 +0400
>>+++ ./arch/ia64/Kconfig 2006-07-28 14:10:56.000000000 +0400
>>@@ -481,6 +481,8 @@ source "fs/Kconfig"
>>
>> source "lib/Kconfig"
>>
>>+source "kernel/bc/Kconfig"
>>+
>> #
>> # Use the generic interrupt handling code in kernel/irq/:
>> #Add kernel/bc/Kconfig file with BC options and
>>include it into arch Kconfigs
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>> source "lib/Kconfig"
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>>+source "kernel/bc/Kconfig"
>>+
>> #

```
>> # Use the generic interrupt handling code in kernel/irq/:
>> #
>>--- ./arch/powerpc/Kconfig.arkcfg 2006-08-07 14:07:12.000000000 +0400
>>+++ ./arch/powerpc/Kconfig 2006-08-10 17:55:58.000000000 +0400
>>@@ -1038,6 +1038,8 @@ source "arch/powerpc/platforms/iseries/K
>>
>> source "lib/Kconfig"
>>
>>+source "kernel/bc/Kconfig"
>>+
>> menu "Instrumentation Support"
>>         depends on EXPERIMENTAL
>>
>>--- ./arch/ppc/Kconfig.arkcfg 2006-07-10 12:39:10.000000000 +0400
>>+++ ./arch/ppc/Kconfig 2006-08-10 17:56:13.000000000 +0400
>>@@ -1414,6 +1414,8 @@ endmenu
>>
>> source "lib/Kconfig"
>>
>>+source "kernel/bc/Kconfig"
>>+
>> source "arch/powerpc/oprofile/Kconfig"
>>
>> source "arch/ppc/Kconfig.debug"
>>--- ./arch/sparc/Kconfig.arkcfg 2006-04-21 11:59:32.000000000 +0400
>>+++ ./arch/sparc/Kconfig 2006-08-10 17:56:24.000000000 +0400
>>@@ -296,3 +296,5 @@ source "security/Kconfig"
>> source "crypto/Kconfig"
>>
>> source "lib/Kconfig"
>>+
>>+source "kernel/bc/Kconfig"
>>--- ./arch/sparc64/Kconfig.arkcfg 2006-07-17 17:01:11.000000000 +0400
>>+++ ./arch/sparc64/Kconfig 2006-08-10 17:56:36.000000000 +0400
>>@@ -432,3 +432,5 @@ source "security/Kconfig"
>> source "crypto/Kconfig"
>>
>> source "lib/Kconfig"
>>+
>>+source "kernel/bc/Kconfig"
>>--- ./arch/x86_64/Kconfig.bckm 2006-07-10 12:39:11.000000000 +0400
>>+++ ./arch/x86_64/Kconfig 2006-07-28 14:10:49.000000000 +0400
>>@@ -655,3 +655,5 @@ source "security/Kconfig"
>> source "crypto/Kconfig"
>>
>> source "lib/Kconfig"
>>+
>>+source "kernel/bc/Kconfig"
```

```
>>--- ./kernel/bc/Kconfig.bckm 2006-07-28 13:07:38.000000000 +0400
>>+++ ./kernel/bc/Kconfig 2006-07-28 13:09:51.000000000 +0400
>>@@ -0,0 +1,25 @@
>>+#
>>+# Resource beancounters (BC)
>>+#
>>+# Copyright (C) 2006 OpenVZ. SWsoft Inc
>>+
>>+menu "User resources"
>>+
>>+config BEANCOUNTERS
>>+ bool "Enable resource accounting/control"
>>+ default n
>>+ help
>>+         This patch provides accounting and allows to configure
>>+         limits for user's consumption of exhaustible system resources.
>>+         The most important resource controlled by this patch is unswappable
>>+         memory (either mlock'ed or used by internal kernel structures and
>>+         buffers). The main goal of this patch is to protect processes
>>+         from running short of important resources because of an accidental
>>+         misbehavior of processes or malicious activity aiming to ``kill''
>>+         the system. It's worth to mention that resource limits configured
>>+         by setrlimit(2) do not give an acceptable level of protection
>>+         because they cover only small fraction of resources and work on a
>>+         per-process basis.  Per-process accounting doesn't prevent malicious
>>+         users from spawning a lot of resource-consuming processes.
>>+
>>+endmenu
>>
>>--- ./arch/powerpc/Kconfig.arkcfg 2006-08-07 14:07:12.000000000 +0400
>>+++ ./arch/powerpc/Kconfig 2006-08-10 17:55:58.000000000 +0400
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>>@@ -1414,6 +1414,8 @@ endmenu
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>> source "lib/Kconfig"
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>>+source "kernel/bc/Kconfig"
>>+
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>> source "arch/powerpc/oprofile/Kconfig"
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>>+endmenu