
Subject: Re: [ckrm-tech] [RFC][PATCH 1/7] UBC: kconfig
Posted by [Chandra Seetharaman](#) on Fri, 18 Aug 2006 19:57:33 GMT
[View Forum Message](#) <> [Reply to Message](#)

As pointed in an earlier email, it would be better if we could have this in a arch-independent Kconfig, unless there is any problem with that.

On Wed, 2006-08-16 at 19:35 +0400, Kirill Korotaev wrote:

```
> Add kernel/ub/Kconfig file with UBC options and
> includes 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/ub/Kconfig | 25 ++++++
> 8 files changed, 39 insertions(+)
>
> --- ./arch/i386/Kconfig.ubkm 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/ub/Kconfig"
> +
> #
> # Use the generic interrupt handling code in kernel/irq/:
> #
> --- ./arch/ia64/Kconfig.ubkm 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/ub/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/series/K
>
> source "lib/Kconfig"
>
> +source "ub/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 "ub/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 "ub/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 "lib/Kconfig"
> --- ./arch/x86_64/Kconfig.ubkm 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/ub/Kconfig"
> --- ./kernel/ub/Kconfig.ubkm 2006-07-28 13:07:38.000000000 +0400
> +++ ./kernel/ub/Kconfig 2006-07-28 13:09:51.000000000 +0400
> @@ -0,0 +1,25 @@

```

```

> +#
> +# User resources part (UBC)
> +#
> +# Copyright (C) 2006 OpenVZ. SWsoft Inc
> +
> +menu "User resources"
> +
> +config USER_RESOURCE
> + bool "Enable user resource accounting"
> + default y
> + 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
>
> -----
> Using Tomcat but need to do more? Need to support web services, security?
> Get stuff done quickly with pre-integrated technology to make your job easier
> Download IBM WebSphere Application Server v.1.0.1 based on Apache Geronimo
> http://sel.as-us.falkag.net/sel?cmd=lnk&kid=120709&b id=263057&dat=121642
>
> -----
> ckrm-tech mailing list
> https://lists.sourceforge.net/lists/listinfo/ckrm-tech
--

```

```

-----
Chandra Seetharaman      | Be careful what you choose....
- sekharan@us.ibm.com    | .....you may get it.
-----

```