
Subject: Re: [PATCH 1/6] BC: kconfig
Posted by [Alexey Dobriyan](#) on Wed, 23 Aug 2006 13:04:52 GMT
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On Wed, Aug 23, 2006 at 03:01:55PM +0400, Kirill Korotaev wrote:

```
> --- ./kernel/bc/Kconfig.bckm
> +++ ./kernel/bc/Kconfig
> @@ -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.
```

If BC will be merged there will be no patch, so text should be rewritten slightly.

```
> +     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.
```
