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Subject: [PATCH 2/4] Virtualization/containers: CONFIG\_CONTAINER

Posted by [Kirill Korotaev](#) on Mon, 06 Feb 2006 22:10:05 GMT

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This patch simply adds CONFIG\_CONTAINER option for virtualization/containersss functionality.

Per-resource config options can be added later if needed.

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Kirill

```
--- ./arch/alpha/Kconfig.vkconfig 2006-02-06 22:14:50.000000000 +0300
```

```
+++ ./arch/alpha/Kconfig 2006-02-06 23:26:35.000000000 +0300
```

```
@@ -621,6 +621,8 @@ source "arch/alpha/Kconfig.debug"
```

```
source "security/Kconfig"
```

```
+source "kernel/Kconfig.container"
```

```
+
```

```
source "crypto/Kconfig"
```

```
source "lib/Kconfig"
```

```
--- ./arch/arm/Kconfig.vkconfig 2006-02-06 22:14:50.000000000 +0300
```

```
+++ ./arch/arm/Kconfig 2006-02-06 23:27:06.000000000 +0300
```

```
@@ -794,6 +794,8 @@ source "arch/arm/Kconfig.debug"
```

```
source "security/Kconfig"
```

```
+source "kernel/Kconfig.container"
```

```
+
```

```
source "crypto/Kconfig"
```

```
source "lib/Kconfig"
```

```
--- ./arch/arm26/Kconfig.vkconfig 2006-02-06 22:14:51.000000000 +0300
```

```
+++ ./arch/arm26/Kconfig 2006-02-06 23:27:14.000000000 +0300
```

```
@@ -232,6 +232,8 @@ source "arch/arm26/Kconfig.debug"
```

```
source "security/Kconfig"
```

```
+source "kernel/Kconfig.container"
```

```
+
```

```
source "crypto/Kconfig"
```

```
source "lib/Kconfig"
```

```
--- ./arch/cris/Kconfig.vkconfig 2006-02-06 22:14:51.000000000 +0300
```

```
+++ ./arch/cris/Kconfig 2006-02-06 23:30:51.000000000 +0300
```

```
@@ -175,6 +175,8 @@ source "arch/cris/Kconfig.debug"
```

```

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/frv/Kconfig.vkconfig 2006-02-06 22:14:51.000000000 +0300
+++ ./arch/frv/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -341,6 +341,8 @@ source "arch/frv/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/h8300/Kconfig.vkconfig 2006-02-06 22:14:51.000000000 +0300
+++ ./arch/h8300/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -189,6 +189,8 @@ source "arch/h8300/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/i386/Kconfig.vkconfig 2006-02-06 22:15:14.000000000 +0300
+++ ./arch/i386/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -1072,6 +1072,8 @@ source "arch/i386/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/ia64/Kconfig.vkconfig 2006-01-03 06:21:10.000000000 +0300
+++ ./arch/ia64/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -463,4 +463,6 @@ source "arch/ia64/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"

```

```

+
source "crypto/Kconfig"
--- ./arch/m32r/Kconfig.vkconfig 2006-02-06 22:14:52.000000000 +0300
+++ ./arch/m32r/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -377,6 +377,8 @@ source "arch/m32r/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/m68k/Kconfig.vkconfig 2006-02-06 22:14:52.000000000 +0300
+++ ./arch/m68k/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -648,6 +648,8 @@ source "arch/m68k/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/m68knommu/Kconfig.vkconfig 2006-02-06 22:14:52.000000000 +0300
+++ ./arch/m68knommu/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -644,6 +644,8 @@ source "arch/m68knommu/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/mips/Kconfig.vkconfig 2006-02-06 22:14:52.000000000 +0300
+++ ./arch/mips/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -1811,6 +1811,8 @@ source "arch/mips/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/parisc/Kconfig.vkconfig 2006-02-06 22:15:14.000000000 +0300
+++ ./arch/parisc/Kconfig 2006-02-06 23:30:51.000000000 +0300

```

```

@@ -210,6 +210,8 @@ source "arch/parisc/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/powerpc/Kconfig.vkconfig 2006-02-06 22:14:52.000000000 +0300
+++ ./arch/powerpc/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -975,4 +975,6 @@ config KEYS_COMPAT
    depends on COMPAT && KEYS
    default y

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"
--- ./arch/ppc/Kconfig.vkconfig 2006-02-06 22:14:53.000000000 +0300
+++ ./arch/ppc/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -1396,4 +1396,6 @@ source "arch/ppc/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"
--- ./arch/s390/Kconfig.vkconfig 2006-02-06 22:14:53.000000000 +0300
+++ ./arch/s390/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -470,6 +470,8 @@ source "arch/s390/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/sh/Kconfig.vkconfig 2006-02-06 22:14:53.000000000 +0300
+++ ./arch/sh/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -635,6 +635,8 @@ source "arch/sh/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

```

```

source "lib/Kconfig"
--- ./arch/sh64/Kconfig.vkconfig 2006-02-06 22:14:53.000000000 +0300
+++ ./arch/sh64/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -272,6 +272,8 @@ source "arch/sh64/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/sparc/Kconfig.vkconfig 2006-02-06 22:14:53.000000000 +0300
+++ ./arch/sparc/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -286,6 +286,8 @@ source "arch/sparc/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/sparc64/Kconfig.vkconfig 2006-02-06 22:14:53.000000000 +0300
+++ ./arch/sparc64/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -395,6 +395,8 @@ source "arch/sparc64/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/um/Kconfig.vkconfig 2006-02-06 22:14:53.000000000 +0300
+++ ./arch/um/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -292,6 +292,8 @@ source "fs/Kconfig"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/v850/Kconfig.vkconfig 2006-02-06 22:14:54.000000000 +0300
+++ ./arch/v850/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@ -318,6 +318,8 @@ source "arch/v850/Kconfig.debug"

```

```

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/x86_64/Kconfig.vkconfig 2006-02-06 22:14:54.000000000 +0300
+++ ./arch/x86_64/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@@ -604,6 +604,8 @@@ source "arch/x86_64/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- ./arch/xtensa/Kconfig.vkconfig 2006-02-06 22:14:54.000000000 +0300
+++ ./arch/xtensa/Kconfig 2006-02-06 23:30:51.000000000 +0300
@@@ -247,6 +247,8 @@@ source "arch/xtensa/Kconfig.debug"

source "security/Kconfig"

+source "kernel/Kconfig.container"
+
source "crypto/Kconfig"

source "lib/Kconfig"
--- /dev/null 23:22:33.000000000 +0300
+++ ./kernel/Kconfig.container 2006-02-06 23:22:33.000000000 +0300
@@@ -0,0 +1,11 @@@
+menu "Virtual Containers"
+
+config CONTAINER
+ bool "Virtual Containers support"
+ default n
+ help
+ This option enables support of virtual linux containers,
+ which can be used for creation of virtual environments,
+ Virtual Private Servers, checkpointing, isolation and so on
+
+endmenu

```

---