Subject: [PATCH ACPI] memory leak in acpi_evaluate_integer()
Posted by vaverin on Sun, 09 Apr 2006 15:05:00 GMT
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acpi_evaluate_integer() does not release allocated memory on the error path.

Signed-off-by: Vasily Averin <vvs@sw.ru>

Thank you,
Vasily Averin

SWsoft Virtuozzo/OpenVZ Linux kernel team

```
--- a/drivers/acpi/utils.c 2006-04-09 14:31:39.000000000 +0400
+++ b/drivers/acpi/utils.c 2006-04-09 14:35:02.000000000 +0400
@@ -273,11 +273,13 @@ acpi_evaluate_integer(acpi_handle handle
  status = acpi_evaluate_object(handle, pathname, arguments, &buffer);
  if (ACPI_FAILURE(status)) {
   acpi_util_eval_error(handle, pathname, status);
+  kfree(element);
   return_ACPI_STATUS(status);
  }

  if (element->type != ACPI_TYPE_INTEGER) {
   acpi_util_eval_error(handle, pathname, AE_BAD_DATA);
+  kfree(element);
   return_ACPI_STATUS(AE_BAD_DATA);
  }
```