Subject: Re: [vzctl] exec early script at start
Posted by Yoann Moulin on Mon, 14 Jan 2008 15:40:33 GMT
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Hi,

>> I didn't do C for a while, so I'm not sure I'll be able to do
>> something simple and safe.
>>
>> I'm available to compile and test this until the openvz server should
>> be production at the end of next week... but I'll take the time to do
>> all the test we need before.
>>
>> If some can help me on this issue.
>
> I have patched env.c to be able to execute a script before starting a VE
>
> I don't know if it is the best way to do that, but it work for what I need

I had no feed back on this patch, is it will be applied ? or maybe nobody
need this but me ?

I don't know if it'is possible to do this better, or add a better security
check, but as I said in my first mail, I don't developed in C for a while

thanks

Yoann

```
diff -r -u a/vzctl-3.0.22/include/vzerror.h b/vzctl-3.0.22/include/vzerror.h
--- a/vzctl-3.0.22/include/vzerror.h 2007-12-17 14:44:21.000000000 +0100
+++ b/vzctl-3.0.22/include/vzerror.h 2008-01-08 12:53:25.000000000 +0100
@@ -63,7 +63,7 @@
 #define VZ_CANT_ADDIP   34
 #define VZ_VALIDATE_ERROR  35
 #define VZ_OVERCOMMIT_ERROR  36
-
+#define VZ_EARLY_SCRIPT_ERROR  37
 /*****************************
    Filesystem errros
  *****************************/
diff -r -u a/vzctl-3.0.22/src/lib/env.c b/vzctl-3.0.22/src/lib/env.c
--- a/vzctl-3.0.22/src/lib/env.c 2007-12-17 14:44:21.000000000 +0100
+++ b/vzctl-3.0.22/src/lib/env.c 2008-01-08 17:18:14.786271752 +0100
@@ -545,12 +545,15 @@
 {
  int wait_p[2];
  int err_p[2];
```

```
- int ret, err;
+ int ret, err,early_p;
  char buf[64];
  char *dist_name;
  struct sigaction act;
+ char *command;
+ char *early_script;
  vps_res *res = &param->res;
  dist_actions actions;
+        early_script = strdup("/etc/vz/early_script.sh");

  memset(&actions, 0, sizeof(actions));
  if (check_var(res->fs.root, "VE_ROOT is not set"))
@@ -559,6 +562,28 @@
   logger(-1, 0, "VE is already running");
   return VZ_VE_RUNNING;
  }
+
+ if (early_script == NULL) {
+  logger(-1,0,"memory allocation error for early_script");
+  return VZ_EARLY_SCRIPT_ERROR;
+ }
+
+ early_p = open(early_script,O_RDONLY);
+ if ( early_p != -1 ) {
+  logger(0, 0, "early_script.sh started");
+  command = (char*)malloc(3+strlen(early_script)+1+10);
+  sprintf(command,"sh %s %d",early_script,veid);
+  if ( system(command) == 0 ) {
+   logger(0, 0, "early_script.sh finished");
+  } else {
+   logger(-1, 0, "early_script.sh failed");
+   return VZ_EARLY_SCRIPT_ERROR;
+  }
+  free(command);
+ } else {
+  logger(0, 0, "early_script.sh does not exist or is not readable ");
+ }
+
  if ((ret = check_ub(&res->ub)))
   return ret;
  dist_name = get_dist_name(&res->tmpl);
@@ -661,6 +686,7 @@
  close(wait_p[1]);
  close(err_p[0]);
  close(err_p[1]);
+ close(early_p);
```

```
  return ret;
}
```