Subject: [PATCH 2/2] src/lib/config.c: Fix "cast discards qualifiers from pointer target type" warn
Posted by ldv on Mon, 19 Feb 2007 23:36:11 GMT
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src/lib/config.c (vps_parse_opt): Remove const qualifier from
"const char *val" argument, because it may be passed to parsers
which in turn may modify it using strtok(3).

src/lib/config.c (parse_setmode, conf_store_str, parse_meminfo,
parse_ub): Add const qualifier to "char *val" argument.

Signed-off-by: Dmitry V. Levin <ldv@altlinux.org>
---
 include/config.h | 2 +-
 src/lib/config.c | 12 ++++++------
 2 files changed, 7 insertions(+), 7 deletions(-)

```
diff --git a/include/config.h b/include/config.h
index 1fb2194..1ad1571 100644
--- a/include/config.h
+++ b/include/config.h
@@ -34,7 +34,7 @@ typedef struct vps_config {
 int vps_parse_config(envid_t veid, char *path, vps_param *vps_p,
  struct mod_action *action);
 int vps_parse_opt(envid_t veid, vps_param *param, int opt,
- const char *rval, struct mod_action *action);
+ char *rval, struct mod_action *action);
 int vps_save_config(envid_t veid, char *path, vps_param *new_p,
  vps_param *old_p, struct mod_action *action);

diff --git a/src/lib/config.c b/src/lib/config.c
index e2cc7a2..8bc58e7 100644
--- a/src/lib/config.c
+++ b/src/lib/config.c
@@ -277,7 +277,7 @@ static conf_struct *find_conf_line(list_head_t *head, char *name,
  return NULL;
 }

-static int parse_setmode(vps_param *vps_p, char *val)
+static int parse_setmode(vps_param *vps_p, const char *val)
 {
  if (!strcmp(val, "ignore"))
   vps_p->opt.setmode = SET_IGNORE;
@@ -335,7 +335,7 @@ int conf_store_strlist(list_head_t *conf, char *name, list_head_t *val)
  return 0;
 }
```

```
-int conf_store_str(list_head_t *conf, char *name, char *val)
+int conf_store_str(list_head_t *conf, char *name, const char *val)
 {
  char *buf;
  int len;
@@ -579,7 +579,7 @@ int parse_twoul(const char *str, unsigned long *val)
  return ret;
 }
 /****************** totalmem ************************/
-int parse_meminfo(meminfo_param *param, char *val)
+int parse_meminfo(meminfo_param *param, const char *val)
 {
  int mode;
  char mode_nm[32];
@@ -628,7 +628,7 @@ static int store_meminfo(vps_param *old_p, vps_param *vps_p,
vps_config *conf,
  return 0;
 }

-int parse_ub(vps_param *vps_p, char *val, int id, int divisor)
+int parse_ub(vps_param *vps_p, const char *val, int id, int divisor)
 {
  int ret;
  ub_res res;
@@ -2285,7 +2285,7 @@ int vps_remove_cfg_param(envid_t veid, char *path, char *name)
 }

  /********************************************************** *********/
-int vps_parse_opt(envid_t veid, vps_param *param, int opt, const char *rval,
+int vps_parse_opt(envid_t veid, vps_param *param, int opt, char *rval,
  struct mod_action *action)
 {
  int id, ret = 0;
@@ -2293,7 +2293,7 @@ int vps_parse_opt(envid_t veid, vps_param *param, int opt, const char
*rval,
  if (param == NULL)
   return -1;
  if ((id = opt_get_by_id(set_opt, opt)) != -1) {
-  ret = parse(veid, param, (char *)rval, id);
+  ret = parse(veid, param, rval, id);
  } else if (action != NULL) {
   ret = mod_parse(veid, action, NULL, opt, rval);
  }
--
1.5.0.1.GIT
```

Subject: Re: [PATCH 2/2] src/lib/config.c: Fix "cast discards qualifiers from pointer target type"
Posted by kir on Wed, 28 Feb 2007 15:41:35 GMT
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Thanks!

Committed as
http://git.openvz.org/?p=vzctl;a=commit;h=df37d19e7723b89b146f4a6d6dcb918dedc0dfe9

Dmitry V. Levin wrote:
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> "const char *val" argument, because it may be passed to parsers
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>  }
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>   ub_res res;
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>   int id, ret = 0;
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>   if (param == NULL)
>    return -1;
>   if ((id = opt_get_by_id(set_opt, opt)) != -1) {
> -  ret = parse(veid, param, (char *)rval, id);
> +  ret = parse(veid, param, rval, id);
>   } else if (action != NULL) {
>    ret = mod_parse(veid, action, NULL, opt, rval);
>   }
```

>
> ---------- ----------
>