
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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> Signed-off-by: Dmitry V. Levin <ldv@altlinux.org>
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> int ret;
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char *rval,
> if (param == NULL)
> return -1;
> if ((id = opt_get_by_id(set_opt, opt)) != -1) {
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> + ret = parse(veid, param, rval, id);
> } else if (action != NULL) {
> ret = mod_parse(veid, action, NULL, opt, rval);
> }

```

>
> -----
>
