
Subject: [PATCH try4, 0/3] split verbose from LOG_LEVEL

Posted by [kfh](#) on Fri, 08 Dec 2006 10:37:46 GMT

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I think we can agree on 1 and 2.

If so, please apply regardless of 3, which is optional.

1. Split --verbose from LOG_LEVEL
verbose is 0 regardless of LOG_LEVEL
--verbose will (as today) set verbose to 2
LOG_LEVEL not affected by --verbose

2. Add optional argument to --verbose
--verbose
--verbose level
--verbose=level

3. Add VERBOSE to vz.conf

Regards,

Subject: Re: [PATCH try4, 0/3] split verbose from LOG_LEVEL

Posted by [Igor Sukhih](#) on Fri, 08 Dec 2006 14:16:02 GMT

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> Slightly rewritten version, sorry for single patch too lazy for splinting.

> Changes from original

```
* fixed use case 'vzctl --verbose'  
* introduced set_log_verbose() instead of init_log() modification  
* if VERBOSE not set use LOG_LEVEL
```

```
--
```

```
Igor.
```

```
diff --git a/etc/vz.conf b/etc/vz.conf
```

```
index 29d13ff..a230f5a 100644
```

```
--- a/etc/vz.conf
```

```
+++ b/etc/vz.conf
```

```
@@ -8,6 +8,7 @@ ## Logging parameters
```

```
LOGGING=yes
```

```
LOGFILE=/var/log/vzctl.log
```

```
LOG_LEVEL=0
```

```
+VERBOSE=0
```

```
## Disk quota parameters
```

```
DISK_QUOTA=yes
```

```
diff --git a/include/logger.h b/include/logger.h
```

```
index 67240b6..8c3d33e 100644
```

```
--- a/include/logger.h
```

```
+++ b/include/logger.h
```

```
@@ -21,7 +21,7 @@ #define _LOGGER_H_
```

```
#include <stdio.h>
```

```
#include "types.h"
```

```
-#define LOG_DATA log_param g_log = {NULL, 0, 1, 0, "", 0};
```

```
+#define LOG_DATA log_param g_log = {NULL, 0, 1, 0, 0, "", 0};
```

```
/** Data structure for logging.
```

```
*/
```

```
@@ -30,6 +30,7 @@ typedef struct {
```

```
int level; /**< maximum logging level. */
```

```
int enable; /**< enable/disable logging. */
```

```
int quiet; /**< skip logging to stdout. */
```

```
+ int verbose; /**< Console verbosity. */
```

```
char prog[32]; /**< program name. */
```

```
envid_t veid;
```

```
} log_param;
```

```
@@ -66,5 +67,6 @@ int init_log(char *file, envid_t veid, i
```

```
void free_log());
```

```
void set_log_level(int level);
```

```
+void set_log_verbose(int level);
```

```
#endif
```

```
diff --git a/include/res.h b/include/res.h
```

index bb4ec31..b1d1252 100644

--- a/include/res.h

+++ b/include/res.h

```
@@ -102,9 +102,10 @@ typedef struct {  
} vps_opt;
```

```
struct log_s {  
- char *log_file;  
- int level;  
- int enable;  
+ char *log_file;  
+ int level;  
+ int enable;  
+ int *verbose;  
};
```

```
struct vps_param {  
diff --git a/include/vzctl_param.h b/include/vzctl_param.h
```

index ab4790e..0037b5c 100644

--- a/include/vzctl_param.h

+++ b/include/vzctl_param.h

```
@@ -129,6 +129,7 @@ #define PARAM_NETIF_MAC 354  
#define PARAM_NETIF_IFNAME 355  
#define PARAM_NETIF_HOST_MAC 356  
#define PARAM_NETIF_HOST_IFNAME 357  
+#define PARAM_VERBOSE 358
```

```
#define PARAM_LINE "e:p:f:t:i:l:k:a:b:n:x:h"  
#endif
```

```
diff --git a/man/vz.conf.5 b/man/vz.conf.5
```

index f5448ce..fc9a386 100644

--- a/man/vz.conf.5

+++ b/man/vz.conf.5

```
@@ -29,7 +29,9 @@ Enables or disables logging. This parame  
Set location of log file, default is \f(CR/var/log/vzctl.log\fR.
```

```
.IP "\fBLOG_LEVEL\fR=\fInumber\fR"
```

```
Set the logging level. The more \fInumber\fR is, the more information will be  
-displayed.
```

```
+logged.
```

```
+IP "\fBVERBOSE\fR=\fInumber\fR"
```

```
+Set the output verbosity. Default is 0.
```

```
.SS Disk quota parameters
```

```
.IP \fBDISK_QUOTA\fR=\fBByes\fR|\fBno\fR
```

```
In case the value of this parameter is set to \fBno\fR, all disk
```

```
diff --git a/src/lib/config.c b/src/lib/config.c
```

index 3128ce9..b8fdd23 100644

--- a/src/lib/config.c

+++ b/src/lib/config.c

```

@@ -53,6 +53,7 @@ static vps_config config[] = {
{"LOGGING", NULL, PARAM_LOGGING},
{"LOG_LEVEL", NULL, PARAM_LOGLEVEL},
{"LOGFILE", NULL, PARAM_LOGFILE},
+{"VERBOSE", NULL, PARAM_VERBOSE},

{"IPTABLES", NULL, PARAM_IPTABLES},
/* UB */
@@ -1806,6 +1807,14 @@ static int parse(envid_t veid, vps_param
break;
vps_p->log.level = int_id;
break;
+ case PARAM_VERBOSE:
+ if (parse_int(val, &int_id))
+ break;
+ vps_p->log.verbose = malloc(sizeof(*vps_p->log.verbose));
+ if (vps_p->log.verbose == NULL)
+ return VZ_RESOURCE_ERROR;
+ *vps_p->log.verbose = int_id;
+ break;
case PARAM_IPTABLES:
ret = parse_iptables(&vps_p->res.env, val);
break;
diff --git a/src/lib/logger.c b/src/lib/logger.c
index bd96e5e..9c483ad 100644
--- a/src/lib/logger.c
+++ b/src/lib/logger.c
@@ -53,7 +53,7 @@ void logger(int log_level, int err_no, c
else
out = stdout;
va_start(ap, format);
- if (!g_log.quiet && g_log.level >= log_level) {
+ if (!g_log.quiet && g_log.verbose >= log_level) {
va_list ap_save;

va_copy(ap_save, ap);
@@ -108,6 +108,11 @@ void set_log_level(int level)
g_log.level = level;
}

+void set_log_verbose(int level)
+{
+ g_log.verbose = level;
+}
+
int init_log(char *file, environ_t veid, int enable, int level, int quiet,
char *progname)
{

```

```

@@ -118,6 +123,7 @@ int init_log(char *file, environ_t veid, int
    return ret;
    g_log.enable = enable;
    set_log_level(level);
+ set_log_verbose(level);
    g_log.veid = veid;
    g_log.quiet = quiet;
    if (progname != NULL)
diff --git a/src/vzcfgvalidate.c b/src/vzcfgvalidate.c
diff --git a/src/vzctl.c b/src/vzctl.c
index f7007c0..e24eff0 100644
--- a/src/vzctl.c
+++ b/src/vzctl.c
@@ -102,13 +102,15 @@ int main(int argc, char *argv[], char *e
{
    int action = 0;
    int verbose = 0;
+ int verbose_tmp;
+ int verbose_custom = 0;
    int quiet = 0;
    int veid, ret, skiplock = 0;
    char buf[256];
    vps_param *gparam = NULL, *vps_p = NULL, *cmd_p = NULL;
    const char *action_nm;
    struct sigaction act;
- char *name = NULL;
+ char *name = NULL, *opt;

    _proc_title = argv[0];
    _proc_title_len = envp[0] - argv[0];
@@ -123,14 +125,32 @@ int main(int argc, char *argv[], char *e
    sigaction(SIGPIPE, &act, NULL);

    while (argc > 1) {
- if (!strcmp(argv[1], "--verbose")) {
-     verbose = 2;
- } else if (!strcmp(argv[1], "--quiet"))
+ opt = argv[1];
+
+ if (!strcmp(opt, "--verbose")) {
+ if (argc > 2 &&
+     !parse_int(argv[2], &verbose_tmp))
+ {
+     verbose += verbose_tmp;
+     argc--; argv++;
+ } else {
+     verbose++;
+ }

```

```

+ verbose_custom = 1;
+ } else if (!strncmp(opt, "--verbose=", 10)) {
+ if (parse_int(opt + 10, &verbose_tmp)) {
+ fprintf(stderr, "Invalid value for"
+ " --verbose\n");
+ exit(VZ_INVALID_PARAMETER_VALUE);
+ }
+ verbose += verbose_tmp;
+ verbose_custom = 1;
+ } else if (!strcmp(opt, "--quiet"))
+ quiet = 1;
- else if (!strcmp(argv[1], "--version")) {
+ else if (!strcmp(opt, "--version")) {
+ version();
+ exit(0);
- } else if (!strcmp(argv[1], "--skiplock"))
+ } else if (!strcmp(opt, "--skiplock"))
+ skiplock = YES;
+ else
+ break;
@@ -228,8 +248,18 @@ int main(int argc, char *argv[], char *e
+ goto error;
+ }
+ init_log(gparam->log.log_file, veid, gparam->log.enable != NO,
- verbose ? gparam->log.level + 2 : gparam->log.level,
- quiet, "vzctl");
+ gparam->log.level, quiet, "vzctl");
+ /* Set verbose level from global config if not overwritten
+ by --verbose
+ */
+ if (!verbose_custom && gparam->log.verbose != NULL) {
+ verbose = *gparam->log.verbose;
+ verbose_custom = 1;
+ }
+ if (verbose < -1)
+ verbose = -1;
+ if (verbose_custom)
+ set_log_verbose(verbose);
+ if ((ret = parse_action_opt(veid, action, argc, argv, cmd_p,
+ action_nm)))
+ {

```

Subject: Re: [PATCH try4, 0/3] split verbose from LOG_LEVEL
Posted by [kfh.openvzmail](#) on Fri, 08 Dec 2006 15:15:10 GMT
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On Friday 08 December 2006 15:16, Igor Sukhih wrote:

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Sorry, don't understand that.

> * introduced set_log_verbose() instead of init_log() modification
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> Igor.
Ack, regards,
/Kristian.
