

Hi

Sorry forgot to attach. Here it is.

I have also thought again and there are more cases when this is a problem. On "-r no" with failed sync and in any case when there are files on the destination already.

In any case the patch solves this problem.

Regards,

// Ola

On Tue, Jan 02, 2007 at 09:11:17PM +0100, Ola Lundqvist wrote:

> Hi
>
> During testing and debugging of a problem on Debian systems
> (which I later found out was corrected in 3.0.13 version) I found
> that the rsync commands in vzmigrate can give quite unexpected
> results.
>
> The command looks basically like this:
> rsync -aH \${from} \${to}
>
> This means that files are copied from \${from} to \${to}, but if
> files already exist on \${to} from some older copy the old files
> that do not exist on \${from} will not be deleted.
>
> This is a problem if --keep-dst or --online option is used.
>
> There are two places where the rsync command is used for transfer
> of filesystem data.
>
> The first one is right after 'log 1 "Syncing private"'. If --keep-dst
> is used this is a problem. The solution is to add the --delete option
> to rsync.
>
> The second one is right after 'log 2 "Syncing private (2nd pass)"'
> and it is a problem if --online option is used and a file has been
> deleted between this run and the first rsync run.
> The solution is to add the --delete option to rsync.
>
> The following patch has been applied to the Debian (experimental version)
> packaged version of vzctl. Patched against 3.0.13:

```

>
> --- vzctl-3.0.13.orig/vzmigrate
> +++ vzctl-3.0.13/vzmigrate
> @@ -391,7 +391,7 @@
> fi
>
> log 1 "Syncing private"
> -if ! rsync -aH --progress "$VE_PRIVATE" "root@$host:${VE_PRIVATE%/*}" | \
> +if ! rsync -aH --delete --progress "$VE_PRIVATE" "root@$host:${VE_PRIVATE%/*}" | \
>     grep "% of" | awk -v ORS="\r" '{print $10}'; then
>     log 1 "Failed to sync VE private areas"
>     undo_quota_on
> @@ -444,7 +444,7 @@
> if [ "$state" = "running" ]; then
>     log 2 "Syncing private (2nd pass)"
>     time_rsync2=$(date +%s.%N)
> -    if ! rsync -aH "$VE_PRIVATE" "root@$host:${VE_PRIVATE%/*}"; then
> +    if ! rsync -aH --delete "$VE_PRIVATE" "root@$host:${VE_PRIVATE%/*}"; then
>         log 1 "Failed to sync VE private areas"
>         undo_source_stage
>         exit $MIG_ERR_COPY
>
> Will attach as well if the cut and paste made it non-applieable.
>
> The patch is licensed under GNU/GPL.
>
> Regards,
>
> // Ola
>
> --
> ----- Ola Lundqvist -----
> / opal@debian.org           Annebergsslingan 37   \
> | ola@opalsys.net          654 65 KARLSTAD       |
> | +46 (0)54-10 14 30        +46 (0)70-332 1551   |
> | http://opalsys.net/       UIN/icq: 4912500     |
> \ gpg/f.p.: 7090 A92B 18FE 7994 0C36 4FE4 18A1 B1CF 0FE5 3DD9 /
> -----
>
--
----- Ola Lundqvist -----
/ opal@debian.org           Annebergsslingan 37   \
| ola@opalsys.net          654 65 KARLSTAD       |
| +46 (0)54-10 14 30        +46 (0)70-332 1551   |
| http://opalsys.net/       UIN/icq: 4912500     |
\ gpg/f.p.: 7090 A92B 18FE 7994 0C36 4FE4 18A1 B1CF 0FE5 3DD9 /
-----

```

```

--- vzctl-3.0.13.orig/vzmigrate
+++ vzctl-3.0.13/vzmigrate
@@ -391,7 +391,7 @@
fi

log 1 "Syncing private"
-if ! rsync -aH --progress "$VE_PRIVATE" "root@$host:${VE_PRIVATE%/*}" | \
+if ! rsync -aH --delete --progress "$VE_PRIVATE" "root@$host:${VE_PRIVATE%/*}" | \
    grep "% of" | awk -v ORS="\r" '{print $10}'; then
    log 1 "Failed to sync VE private areas"
    undo_quota_on
@@ -444,7 +444,7 @@
if [ "$state" = "running" ]; then
    log 2 "Syncing private (2nd pass)"
    time_rsync2=$(date +%s.%N)
- if ! rsync -aH "$VE_PRIVATE" "root@$host:${VE_PRIVATE%/*}"; then
+ if ! rsync -aH --delete "$VE_PRIVATE" "root@$host:${VE_PRIVATE%/*}"; then
    log 1 "Failed to sync VE private areas"
    undo_source_stage
    exit $MIG_ERR_COPY

```
