

Subject: MCR-10043, Make >t>setup_volume_reloader.ec more robust/clearer

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Date: January 16, 2018

Introduction

Before running volume backups, a system administrator must run a system-provided `exec_com` to set up the proper environment, run a test dump, and configure the set of volumes to be dumped. This `exec_com` is:

>t>setup_volume_reloader.ec (with the additional name >t>setup_volume_reloader_2.ec).

The setup is done in two parts. The first `exec_com` is run. Then the administrator is told to create the `sys_vols.dump` segment and follow that up by running the second `exec_com`.

Problem

The first `exec_com` changes the working directory to >ddd>volume_backup. This is where the `sys_vols.dump` file should be created, but this is not explicitly created. This is a bit confusing because the administrator is not told where to create this segment, nor that the working directory has been changed. If the administrator changes working directories before running the second `exec_com`, the wrong things will happen. This is because the second `exec_com` assumes the working directory hasn't been changed, and doesn't set it.

Proposed Changes

Change the message displayed to the administrator to explicitly say where to create the `sys_vols.dump` segment:

```
A48      &print Now, using an editor, create dump file sys_vols.dump
A49      &print containing names of volumes to be dumped. This file
A50      &print should be of the form:
Changed by B to:
B48      &print Now, using an editor, create dump file sys_vols.dump in the
B49      &print >ddd>volume_backup directory containing names of volumes to
B50      &print be dumped. This file should be of the form:
```

Also, change the second `exec_com` (actually an entry into the same segment), to change the working directory to >ddd>volume_backup before continuing:

```
Inserted in B:
B66      cwd >ddd>volume_backup
Preceding:
A66      &print Creating dummy volume pool.
```

Testing of the Change

Testing the change involves running the updated `exec_com` on a newly installed system and then following this up with performing volume backups to ensure no errors.

Bug Reference

- Reference URL of Multics Change Ticket: <http://multics-trac.swenson.org/ticket/91>.

Documentation

No documentation changes are necessary.

Version History

Date	Revision	Author	Comment
2018-01-16	1.0	Eric Swenson	Initial version of MCR.