

Creating a Snapshot of Files on a C-series Controller

You can create a snapshot of the system software to serve as a backup. When you create a snapshot, the software backs up the operating system and the SRC software to a partition on the C-series Controller. You can restore the files in a snapshot to the system software if needed.

To create a snapshot of the system software:

1. Verify which version of the software is running on the system.

```
user@host> show system information
```

2. Enter the request system snapshot command. Use the verbose option to view information about the snapshot process.

```
user@host> request system snapshot verbose
Create system snapshot [yes,no] ? (no) yes
```

```
Filesystem label=
mke2fs 1.35 (28-Feb-2004)
OS type: Linux
Block size=4096 (log=2)
Fragment size=4096 (log=2)
262144 inodes, 524288 blocks
26214 blocks (5.00%) reserved for the super user
First data block=0
Maximum filesystem blocks=536870912
16 block groups
32768 blocks per group, 32768 fragments per group
16384 inodes per group
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912
```

```
Writing inode tables: done
Creating journal (8192 blocks): done
Writing superblocks and filesystem accounting information: done
```

```
This filesystem will be automatically checked every 32 mounts or
180 days, whichever comes first. Use tune2fs -c or -i to override.
```

```
DUMP: Date of this level 0 dump: Thu Oct 19 09:43:44 2006
DUMP: Dumping /dev/mapper/vg0-root (/) to standard output
restore: cannot open /dev/tty: No such device or address
DUMP: Label: none
DUMP: Writing 64 Kilobyte records
DUMP: mapping (Pass I) [regular files]
DUMP: mapping (Pass II) [directories]
DUMP: estimated 1036678 blocks.
DUMP: Volume 1 started with block 1 at: Thu Oct 19 09:43:45 2006
DUMP: dumping (Pass III) [directories]
DUMP: dumping (Pass IV) [regular files]
```

```
DUMP: Volume 1 completed at: Thu Oct 19 09:48:13 2006
DUMP: Volume 1 1035200 blocks (1010.94MB)
DUMP: Volume 1 took 0:01:10
DUMP: Volume 1 transfer rate: 14788 kB/s
DUMP: 1035200 blocks (1010.94MB)
DUMP: finished in 70 seconds, throughput 14788 kBytes/sec
```

```
DUMP: Date of this level 0 dump: Thu Oct 19 09:47:02 2006
DUMP: Date this dump completed: Thu Oct 19 09:48:13 2006
DUMP: Average transfer rate: 14788 kB/s
```

3. Verify information about the snapshot.

```
user@host> show system snapshot
```

- Related Topics**
- Before You Upgrade the Software on a C-series Controller
 - Restoring the Files in a Snapshot
 - Overview of Software Management on a C-series Controller