

Transferring Backups From One Server To Another

The following procedure should be used to transfer existing RescueBRU backups from a source RescueBRU Server PC to a destination one. This transfer may take many hours to complete, so it is best run overnight. If the transfer is still in progress, and the source server is needed, the process may be interrupted by pressing <Ctrl>-C at any point and entering poweroff at the prompt. You can then reboot the source server for use. To resume the transfer, simply restart this procedure from the beginning and the transfer will continue where it left off. This procedure assumes that the destination server RAID set has already been created and is operational (three green "OK"s in the server status window).

WARNING

Make sure that the ethernet ports on both the servers are not connected to any other systems during this transfer. Operating the servers as a standalone network will help prevent cross contamination. Check and double check which drive set is installed in each server prior to applying power. Correctly label the destination server's drive sets prior to beginning this procedure to avoid costly mistakes.

1. Connect an ethernet cable between any port on the source server PC and any port on the destination server PC.
2. Insert the latest RescueBRU-7.2.X Server CD in the top DVD drive of the destination server PC. Press the power button and wait until the server main menu is displayed.
3. Insert the latest RescueBRU-7.2.X Client CD in the top CD/DVD drive of the source server PC. Press the power button and wait until the RescueBRU main menu is displayed.

- Steps 4-11 below will be performed on the source server PC.

4. At the RescueBRU Main Menu, select option 7 to show backups available on the media.
5. Without exiting the listing, click the Command Prompt icon on the taskbar at the bottom of the screen. In the terminal window that pops up, type:

```
cat /proc/mdstat
```

and press enter. The output will show the device name that has been assigned to the RAID set installed in the source server. This will most likely be md0, but may be md127.

6. At the next prompt, type:

```
mkdir -p /mnt/source
```

and press enter.

7. At the next prompt, type:

```
mount /dev/(RAID device) /mnt/source
```

and press enter, where (RAID device) is the device you determined in step 5. For example, if the RAID device you determined in step 5 is md0, the command would be

```
mount /dev/md0 /mnt/source
```

8. To transfer all backups from the source server to the destination server, perform step 8a below. To transfer a specific backup or backups from the source server to the destination server, perform step 8b below.

8a. At the next prompt, type:

```
rsync -av /mnt/source/rescuebru-backups/ /mnt/rescuebru/rescuebru-backups/
```

and press enter to begin the transfer. Note the space between /mnt/source/rescuebru-backups/ and /mnt/rescuebru/rescuebru-backups/ in the above command. You will see the files listed as they are being transferred.

8b. At the next prompt, type:

```
ls /mnt/source/rescuebru-backups
```

and press enter to see a list of backups that can be transferred. To transfer a single backup, at the next prompt, type:

```
rsync -av /mnt/source/rescuebru-backups/(name) /mnt/rescuebru/rescuebru-backups/
```

replacing (name) with the name of the backup you'd like to transfer, and pressing enter. For example, if you'd like to transfer the backup called admin_pc, the command would be

```
rsync -av /mnt/source/rescuebru-backups/admin_pc /mnt/rescuebru/rescuebru-backups/
```

To transfer multiple backups, at the next prompt, type:

```
rsync -av /mnt/source/rescuebru-backups/(name1) /mnt/source/rescuebru-backups/(name2) ... /mnt/rescuebru/rescuebru-backups/
```

replacing (name1), (name2), etc. with the names of the backups you'd like to transfer, and pressing enter. For example, to transfer backups named adminpc, userpc, utilpc, and sparepc, the command would be

```
rsync -av /mnt/source/rescuebru-backups/adminpc /mnt/source/rescuebru-backups/userpc /mnt/source/rescuebru-backups/utilpc /mnt/source/rescuebru-backups/sparepc /mnt/rescuebru/rescuebru-backups/
```

Pay particular attention to the positions of the slashes and spaces in the commands above. Note that there should be no trailing slash after the backups names to be transferred.

9. When the prompt returns, the transfer is complete. At the prompt, type:

```
umount /mnt/source
```

and press enter.

10. after the umount command completes, close the terminal window. In the backup listing window, press enter to return to the RescueBRU Main Menu. Select option P to exit and power down.

11. When the source server has powered down, disconnect the ethernet cables you connected in step 1.

12. On the destination server PC, select option 2 to show backups available on the media. You should see all your backups listed there. Press enter to return to the RescueBRU Server main menu. You can now shut it down or use it as required.

END OF PROCEDURE