

D-Star DB Backup Procedure for G2

The following procedure does not apply to G3.

This utility permits a Gateway administrator to backup and restore the data files in the RS-RP2C (G2) and RS-RP3C (G3) DStar gateways.

1. Download the `dstar_db-backup.zip` file.
2. Unzip the `dstar_db-backup.zip` file, the unzip output will be a folder called `dstar_db-backup` that contains a file also named `dstar_db-backup`.
3. Copy the file `dstar_db-backup` to a thumb drive that is at least 1Mb in size.

NOTE: If you are here to get the `dstar_db-backup` to perform the G2 to G3 upgrade return to the upgrade instructions at this point.

To backup the DStar gateway database

1. Insert the USB thumb drive in a USB port on the CentOS computer.
2. Type `"mkdir /tmp/usb"`
3. Type `"Mount /dev/sdb1 /tmp/usb"`
4. Type `"cp /tmp/usb/dstar_db-backup /tmp/."`
5. Type `chmod 755 /tmp/dstar_db-backup`
6. Type `"service crond stop"`
7. Type `"service dstar_gw stop"`
8. Type `"/tmp/dstar_db-backup ALL read"`

The response should look similar to the below

```
[root@localhost # dstar_db-backup ALL read
```

```
COPY 1380
```

```
COPY 73880
```

```
COPY 47987
```

```
COPY 1459
```

```
COPY 81266
```

```
COPY 0
```

```
COPY 36
```

```
*** finished ***
```

```
[root@localhost ]#
```

9. Type `"service crond start"`
10. Type `"service dstar_gw start"`
11. Type `"umount /tmp/usb"`
12. Type `"eject /dev/sdb"`

13. Remove the USB thumb drive until we need it to restore the database.

To restore the database

1. Insert the USB thumb drive in a USB port on the CentOS computer.
2. Type "mkdir /tmp/usb"
3. Type "Mount /dev/sdb1 /tmp/usb"
4. Type "cp /tmp/usb/dstar_db-backup /tmp/."
5. Type chmod 755 /tmp/dstar_db-backup
6. Type "service crond stop"
7. Type "service dstar_gw stop"
8. Type "/tmp/dstar_db-backup ALL write"

The response should look similar to the below:

```
-bash: line 5: warning: here-document at line 1 delimited by end-of-file (wanted `EOS')
```

```
TRUNCATE TABLE
```

```
VACUUM
```

```
COPY 1380
```

```
TRUNCATE TABLE
```

```
VACUUM
```

```
COPY 73880
```

```
TRUNCATE TABLE
```

```
VACUUM
```

```
COPY 47987
```

```
TRUNCATE TABLE
```

```
VACUUM
```

```
COPY 81266
```

```
TRUNCATE TABLE
```

```
VACUUM
```

```
COPY 0
```

```
TRUNCATE TABLE
```

```
VACUUM
```

```
COPY 36
```

```
*** finished ***
```

```
[root@localhost]#
```

9. Type "service crond start"
10. Type "service dstar_gw start"



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If everything worked as planned the database should be restored.