



## 12.14.3 Back Up OpenClinica

Before upgrading, follow this process to back up the database and files needed by OpenClinica:

1. Stop Tomcat by running the following command:  
`/etc/init.d/tomcat stop`
2. Confirm Tomcat has stopped before continuing.
3. Create the backup directory by running the following command:  
`mkdir -p /usr/local/oc/backup/manual/`date +%b-%d-%Y``
4. Make the backup directory become the current directory by running the following command:  
`cd /usr/local/oc/backup/manual/`date +%b-%d-%Y``
5. Run:  
`/opt/PostgreSQL/8.4/bin/pg_dump -F c -U postgres openclinica > openclinica.backup`
6. When prompted for a password, enter the PostgreSQL database superuser password you specified when [setting up the database](#) as part of installing OpenClinica.
7. Copy the files OpenClinica needs by running the following command:  
`cp -rf /usr/local/tomcat/openclinica* .`  
`cp -rf /usr/local/tomcat/webapps/OpenClinica* .`

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