

## Generate a Ciphertext Password for JNDI Datasource

This section describes the steps to manually generate a password and copy it to `%JASPER_HOME%\apache-tomcat\webapps\jasperserver-pro\META-INF\context.xml`.

1. In the `default_master.properties` file set the value of RiskVision Reportuser Password to dbPassword property (dbPassword is for the PostgreSQL database but for a workaround to generate RiskVision password we can use the dbPassword temporarily)
2. Set `encrypt=true`
3. Set `propsToEncrypt=dbPassword`, sysPassword
4. In command line go to `%JASPER_HOME%\buildomatic`
5. Run `js-ant refresh-config`
6. Step 5 will replace the password value with the encrypted format.
7. Get the encrypted value of the dbPassword property and use that in the `context.xml`
8. Revert the value of dbPassword with the PostgreSQL database password
9. Change `encrypt.done=true` to `encrypt=true`
10. Run step 4 and 5 again to fix the PostgreSQL password.