**Using Encrypted sting as a Password For Server Login**

Whenever We are attaching j\_username and j\_password to the report URL password will be visible.

So to overcome that we can send the encrypted password as j\_password.

This encrypted password we can get from users table from jasperserver database.

C:\Jaspersoft\jasperreports-server-6.4.0\postgresql\bin\pgAdmin3

Run pgAdmin3 ->Select the corresponding Server->Databases->jasperserver->Schemas->public->tables

Right click on jiusers table and Select View Data

Then copy the Password character (encrypted string) corresponding to the password of the user.

**Ex:**  If the Password is superuser

Encrypted string for superuser will be: 41309C5003C52BA327F3D2FF2CDDA4AC

Note: Whenever We log in to the jasper application whatever the password we enter in plain text will be encrypted then that encrypted string will be compared with stored encrypted string of that particular user. If they match we can able to login.

But in this case we are using encrypted string (from the database) as password and disabling the process of encryption.

So whatever the password we send that will be compared with the stored encrypted string...

As both of them are same.

We can able to login and in the URL we can only see encrypted string instead of plain text password.

Disabling Encryption Process for the Password:

As we know, whenever we enter a password that will be encrypted, this process of encryption will be done in applicationContext-security.xml file at C:\Jaspersoft\jasperreports-server-6.4.0\apache-tomcat\webapps\jasperserver-pro\WEB-INF.

In this file we have property called allowEncoding by default is will be set to True. (i.e. it is allowing the enter password to get encrypted)

property name="allowEncoding"><value>true</value></property>

So to stop encryption of the password we need to change it as False.

So the entered password will be directly compared with the stored Encrypted string of the particular user.

**Using Plain Text (actual Password) and Encrypted Password For Login**

To make use of encrypted text for j\_password and at the same using actual password for login

We need to change some configuration in **security-config.properties** file.

jasperserver-pro.war/WEB-INF/classes/esapi/security-config.properties

Default:

encryption.on=false  
encryption.dynamic.key=true

make

encryption.on=true & encryption.dynamic.key=false

then

<http://localhost:port> number /jasperserver-pro/encrypt.html

go to above url

then login with the actual username and password

then we have two fields in that page.

1. Enter text to encrypt:

2. Copy encrypted text

Enter the password to be encrypted at enter text to encrypt

Then click on Encrypt button

Then you will get an encrypted text then copy that

And add it to the report url at j\_password

Then access it.

And at the same time you can login with the actual credentials.