

WebSphere for GL v3.5.x - setup

GreenLight can monitor several aspects of a WebSphere Environment (dmgr, nodes, apps, datasources, pmi's....). In addition to that GL can deep dive into Applications which are running within Websphere such as IBM Connections and IBM Sametime (and others)

This article explains how you can enable WebSphere monitoring on your GreenLight Appliance and what things needs to be done in order to use this framework to access Connections and Sametime stuff.

All necessary files can be found underneath of /opt/panagenda/appdata/volumes/gl/binaries/

Encode Password

In the property file (see next chapter) you need to enter WebSphere credentials. In order to store them not in clear text, we highly recommend to use the EncodePassword function (same as you have on websphere level)

-open a console and enter:

```
docker exec -it gl_tomcat bash
```

-open folder /opt/panagenda/binaries

-enter: `java -Dencodepassword -jar gl-ws-jython-0.0.3.jar <password>`

Note: <password> is the password you want to use

```
root@5eb8fblc893a:/opt/panagenda/binaries# java -Dencodepassword -jar gl-ws-jython-0.0.3.jar mypassword
Encoded string for [mypassword]: {xor}MiYvPiwsKDAtoW==
```

copy the output to your clipboard {.....

-enter "exit" (to exit the docker container)

Adjust Property File

There is a default Property file within the /properties folder (opt/panagenda/appdata/volumes/gl/binaries/)

soap.client_cnx_example.props

WebSphere credentials used for IBM Connections

make a copy of it (or adjust the example).

open it and enter username/password the password can be entered either with {xor}..... OR clear text

```
root@gl-dev-01:/opt/panagenda/appdata/volumes/gl/binaries/scripts/v
com.ibm.SOAP.securityEnabled=true
#com.ibm.SOAP.authenticationTarget=BasicAuth
com.ibm.SOAP.loginUserId=
com.ibm.SOAP.loginPassword={xor}MiYvPiwsKDAtoW==
```

save/close

Adjust Resources File

There is a Resources file within the /resources folder (opt/panagenda/appdata/volumes/gl/binaries/)

parameters_cnx.properties

WebSphere connectivity details used for IBM Connections

-make a copy of it (or adjust the example)

-open it and adjust fqdn and soap information

host: FQDN to point to DMGR

port: SOAP Port of DMGR

```
#com.ibm.ws.scripting.connectionType=SOAP

# FQDN where DMGR is deployed
com.ibm.ws.scripting.host=acme-cnx.panagenda.com

# SOAP port of DMGR
com.ibm.ws.scripting.port=8879
javax.net.ssl.trustStore=/opt/panagenda/was/security/cacerts
```

save/close

Now the Basic Settings are done

Please follow up with the IBM Connections specific configuration items

[IBM Connections Part 1](#)

[IBM Connections Part 2](#)