

WebSphere for GL v3.2.x - setup

Introduction

IMPORTANT: this is the procedure for a GreenLight appliance < v3.5 !
If you run >= v3.5 please open the following link [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 for instance Connections and Sametime stuff.

Configuration

If you have deployed your GreenLight Appliance BEFORE March 2017, then you need to download the following file set

1) download Websphere Core files

[Download WebSphere Core](#)

Please extract the content and copy it over to your GL box /opt/panagenda/share/was (create was folder)

2) Encode Password

In the 3rd step you need to enter websphere credentials to a property file. In order to store them not in cleartext, we highly recommend to use the EncodePassword function (same as you have on websphere level)

-open a console and jump to /opt/panagenda/share/was

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

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

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

```
panagenda@sia:/opt/panagenda/was$ java -Dencodepassword -jar gl-ws-jython-0.0.3.jar my_password
Encoded string for [my password]: {xor}MiYALz4sLCgwLTs=
panagenda@sia:/opt/panagenda/was$
```

3) Adjust Property Files

There are two Property files within the /properties folder (opt/panagenda/share/was)

soap.client_cnx.props

WebSphere credentials used for IBM Connections

soap.client_st.props

WebSphere credentials used for IBM Sametime

-open the file in edit mode and past the clipboard data (step 2) into the com.ibm.SOAP.loginPassword line

```
com.ibm.SOAP.loginUserId=wasadministrator
com.ibm.SOAP.loginPassword={xor}LgUFPiwFGBk=
```

-specify the UserId

the specified user account has to be a Websphere Admin Account (Operator role is in some cases too less)

-save/close

4) Adjust Resources Files

There are two Resources files within the **/resources** folder (opt/panagenda/share/was)

parameters_cnx.properties

Websphere connectivity details used for IBM Connections

parameters_st.properties

Websphere connectivity details used for IBM Sametime

-open the file and adjust the hostname + port

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

You are done now with the Basic Setup for WebSphere.

Next Steps - IBM Sametime [IBM Sametime on WAS Level](#)

Next Steps - IBM Connectoins [IBM Connections Part 1](#)

[IBM Connections Part 2](#)