

Secure your App using credentials

Username and Password can be used to keep your DBSync Cloud Replication more secured. The below steps should be followed to setup username and password.

- Go to **Install Folder > conf > tomcat-users.xml**
- **tomcat-users.xml** should be edited by including the below code at the end just before **</tomcat-users>**

```
<role rolename="manager"/>
<role rolename="tomcat"/>
<role rolename="admin"/>
<role rolename="role1"/>
<role rolename="dbsync"/>
<user username="manager" password="manager" roles="manager"/>
<user username="both" password="tomcat" roles="tomcat,role1"/>
<user username="tomcat" password="tomcat" roles="tomcat"/>
<user username="role1" password="tomcat" roles="role1"/>
<user username="adminuser" password="adminpassword" roles="admin"/>
<user username="repl" password="avankia1" roles="dbsync"/>
```

- In this code, you need to specify the username and password that you would like to setup for admin role.
- In this example, username is adminuser and password is adminpassword for role admin.
- Save these changes and close **tomcat-users.xml**
- Go to **Install Folder > dbsync-repl > WEB-INF > web.xml**
- **web.xml** should be edited by including the below code at the end just before **</web-app>**

```
<security-constraint>
  <web-resource-collection>
    <web-resource-name>admin</web-resource-name>
    <url-pattern>/*</url-pattern>
    <http-method>GET</http-method>
    <http-method>POST</http-method>
  </web-resource-collection>
  <auth-constraint>
    <role-name>tomcat</role-name>
    <role-name>admin</role-name>
  </auth-constraint>
</security-constraint>
<login-config>
  <auth-method>BASIC</auth-method>
</login-config>

<security-role>
  <role-name>admin</role-name>
</security-role>
```

- Save these changes and close **web.xml**
- Restart tomcat and try to access DBSync Cloud Replication User Interface.
- You will see a prompt to enter username and password.
- With these code, the username and password would be adminuser and adminpassword
- You can change the username and password by editing **tomcat-users.xml**