20150526[jboss security BASIC database]

2015年5月26日

9:41

CREATE TABLE Users(username VARCHAR(64) PRIMARY KEY, passwd VARCHAR(64))

CREATE TABLE UserRoles(username VARCHAR(64), role VARCHAR(32))

***standalone.xml***

<datasource jta="true" jndi-name="java:jboss/datasources/mysqluser" pool-name="mysqluser" enabled="true" use-ccm="true">

<connection-url>jdbc:mysql://localhost:3306/user</connection-url>

<driver-class>com.mysql.jdbc.Driver</driver-class>

<driver>mysql</driver>

<security>

        <user-name>test</user-name>

        <password>test</password>

</security>

</datasource>

计算机生成了可选文字:
Home Deployments 
Su bsystems 
Configuration Runtime 
DATASOURCES 
Administration 
XA DATASOURCES 
JNDI 
java:jboss/datasources/ExampIeDS 
java:jboss/datasources/mysqluser 
Validation 
Remove 
Disable 
v 
Con nector 
JCA 
Data sou rces 
Resource Adapters 
Container 
Core 
Infinispan 
Security 
Security Subsystem 
Security Domains 
Web 
Name 
ExampleDS 
mysqluser 
Attributes 
Edit 
Name: 
JNDI: 
Add 
Timeo 
Enabled? 
1-2 of 2 
Need Help? 
Pool 
Security 
Properties 
Connection 
mysqluser 
java:jboss/datasources/mysqluser 
true 
false 
mysql 
com.mysql.jdbc.Driver 
false 
Is enabled?: 
Statistics enabled?: 
Datasource Class: 
Driver: 
Driver Class: 
Share Prepared Statements: 
Statement Cache Size: 
General Configuration 
Interfaces 
Socket Binding 
Paths 
System Properties 

<security-domain name="mysqldomain" cache-type="default">

<authentication>

<login-module code="Database" flag="required">

<module-option name="dsJndiName" value="java:jboss/datasources/mysqluser"/>

<module-option name="principalsQuery" value="select passwd from Users where username=?"/>

<module-option name="rolesQuery" value="select role,'Roles' from UserRoles where username=?"/>

<module-option name="hashAlgorithm" value="SHA-256"/>

<module-option name="hashEncoding" value="BASE64"/>

</login-module>

</authentication>

</security-domain>

***生成密钥的hash值***

import org.jboss.security.auth.spi.Util;

String hashedPassword = Util.createPasswordHash("SHA-256",Util.BASE64\_ENCODING, null, null, "{your password}");

计算机生成了可选文字:
Home Deployments 
Su bsystems 
Configuration Runtime Administration 
SECURITY DOMAINS 
Back Authentication Authorization Mapping 
Security Domain: mysqldomain 
Audit 
v 
Con nector 
JCA 
Datasources 
Resource Adapters 
Container 
Core 
Infinispan 
Security 
Security Subsystem 
Security Domains 
Web 
Authentication configuration for this domain. Can either be classic or jaspi. 
Login Modules 
Flag 
required 
Value 
java:jboss/datasources/mysqluser 
select from USERS where username—? 
select role,'RoIes' from USER ROLES where username—? 
1-3 of 3 
Code 
Database 
Details 
Attributes 
A Key 
dsJndiName 
Module Options 
General Configuration 
Interfaces 
Socket Binding 
Paths 
System Properties 
principalsQuery 
rolesQuery 

***jboss-web.xml***

<?xml version="1.0" encoding="UTF-8"?>

<jboss-web>

<security-domain>mysqldomain</security-domain>

</jboss-web>

***web.xml***

<?xml version="1.0" encoding="UTF-8"?>

<web-app version="2.5" xmlns="http://java.sun.com/xml/ns/javaee"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://java.sun.com/xml/ns/javaee <http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd>">

<security-constraint>

<display-name>My security constraint</display-name>

<web-resource-collection>

<web-resource-name>My restricted resource</web-resource-name>

<url-pattern>/\*</url-pattern>

<http-method>GET</http-method>

<http-method>POST</http-method>

</web-resource-collection>

<auth-constraint>

<role-name>guest</role-name>

</auth-constraint>

</security-constraint>

<login-config>

<auth-method>FORM</auth-method>

<realm-name>My test realm</realm-name>

<form-login-config>

<form-login-page>/login.jsf</form-login-page>

<form-error-page>/error.jsf</form-error-page>

</form-login-config>

</login-config>

<security-role>

<role-name>guest</role-name>

</security-role>

</web-app>

***login.xhtml***

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

"<http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd>">

<html xmlns="http://www.w3.org/1999/xhtml"

xmlns:h="http://java.sun.com/jsf/html">

<head></head>

<body>

<h1>Please Login</h1>

<form method="post" action="j\_security\_check" name="loginForm">

<h:panelGrid columns="2">

<h:outputLabel id="userNameLabel" for="j\_username" value="Username:" />

<h:inputText id="j\_username" />

<h:outputLabel id="passwordLabel" for="j\_password" value="Password:" />

<h:inputSecret id="j\_password" />

<h:panelGroup>

<h:commandButton type="submit" value="Login" />

</h:panelGroup>

</h:panelGrid>

</form>

</body>

</html>