

# bambooBSC install

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Quick view:

Linux: <https://github.com/billchen198318/bamboobsc#install-on-linux>

## System required

- A. **JDK8** ( JAVA8 is required )
- B. MariaDB 10.4 or later
- C. Need 2G Free RAM for JAVA8 (JVM) start apache tomcat 8.5

### 1. DataBase setup

- a. first install **MariaDB Server**
- b. config **max\_allowed\_packet=16M**
- c. config **lower\_case\_table\_names=1**

example for my.ini ( my.cnf )

[mysqld]

**max\_allowed\_packet=16M**

**lower\_case\_table\_names=1**

- d. import bbcore.sql to DataBase

**# mysql -u root -p**

**MYSQL> create database bbcore;**

**MYSQL> exit;**

**# mysql bbcore -u root -p < bbcore.sql**

In **Linux** or **FreeBSD** must be set **lower\_case\_table\_names=1**

## 2. Config settings file

- modify apache-tomcat-8.5.56\webapps\core-web\WEB-INF\classes\applicationContext\conf\applicationContext-dataSource.properties
- modify apache-tomcat-8.5.56\webapps\gsbsc-web\WEB-INF\classes\applicationContext\conf\applicationContext-dataSource.properties
- modify apache-tomcat-8.5.56\webapps\gsbsc-mobile-web\WEB-INF\classes\applicationContext\conf\applicationContext-

### dataSource.properties

dataSource.jdbcUrl= this options modify success database server address

dataSource.user= this options modify MariaDB account

dataSource.password= this options modify MariaDB password

## 3. Start

Windows:

apache-tomcat-8.5.56\bin\catalina.bat run

or

apache-tomcat-8.5.56\bin\startup.bat

Linux / \*BSD:

apache-tomcat-8.5.56/bin/startup.sh

If there is enough memory space, the -Xmx parameter of JAVA\_OPTS item adjusted to optimize. ( catalina.sh / catalina.bat )

## 4. Open the Web ( If the server IP-Address is 127.0.0.1 and PORT is 8080 )

input url

**http://127.0.0.1:8080/core-web/pages/way.jsp**

if way.jsp cannot redirect to login page. change 127.0.0.1:8080/core-web/index.action

http://127.0.0.1:8080/core-web/index.action

\*\*\* please use **FireFox** or **Google chrome** browser \*\*\*

## 5. Login account

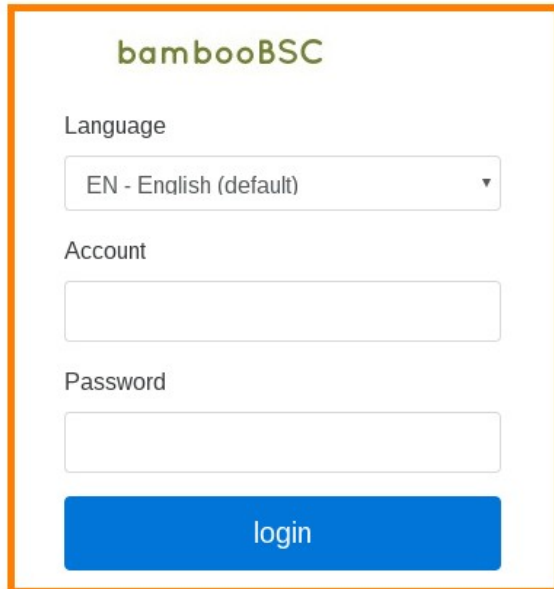
administrator user  
account: **admin**  
password: **admin99**

default user(power user)  
account: **tester**  
password: **tester**

hr manger ( same power user, but can delete account )  
account: **tiffany**  
password: **tiffany**

sales ( only view , can input measure-data and enter 360 project score )  
account: **steven**  
password: **steven**

## Login page



Please use **Chrome** (recommend) or **Firefox** browser, can not support other browser.

bambooBSC 0.7.0 version

[click link to Mobile version](#)

[click to Mobile version](#)

## **6. modify Application site settings ( If you do not operate this step may page will like figure 6-3, error for page request )**

1. click Application site item for menu
2. Query ( figure 6-1 )
3. click modify icons ( figure 6-1 )

In edit mode, modify Host to correct server **hostname with server-port** , or **IP address with server-port** and click **Save**. ( figure 6-2 )

**After modification, please refresh( click F5 ) the WEB to take effect**

**Need to change the settings, including**

- A. CORE**
- B. BSC**

**\*\*\* If the results page ( figure 6-3 ), Step 6 Host ( figure 6-2 ) are usually not set correctly. \*\*\***

0.7.0 - opensource Balanced Scorecard

Application Help

Application

Z. Core

1. click menu

Config

01 - Application site

02 - Program registration

03 - Menu settings

04 - My calendar note

05 - Message config

06 - Message notice

07 - Template settings

08 - Report management

01 - Application site

bambooBSC 01 - Application site







ID:

Name:

2. Query

Query Clear

total: 3 page 1 / 1 row size 10

View / Edit	System Id	Name	Host	Context path
 	BSC	A. Balanced scorecard	127.0.0.1:8080	gsbsc-web
 	QCHARTS	B. Query Charts	127.0.0.1:8080	qcharts-web
 	CORE	Z. Core	127.0.0.1:8080	core-web

3. Click edit icon to modify

( figure 6-1 ) : management Application site page

01 - Application site x 01 - Application site (Edit) x

**bambooBSC** 01 - Application site (Edit)

\*System ID (read only):  
BSC

\*System Name:  
A. Balanced scorecard

\*Host:  
127.0.0.1:8080

\*Context path:  
gsbsc-web

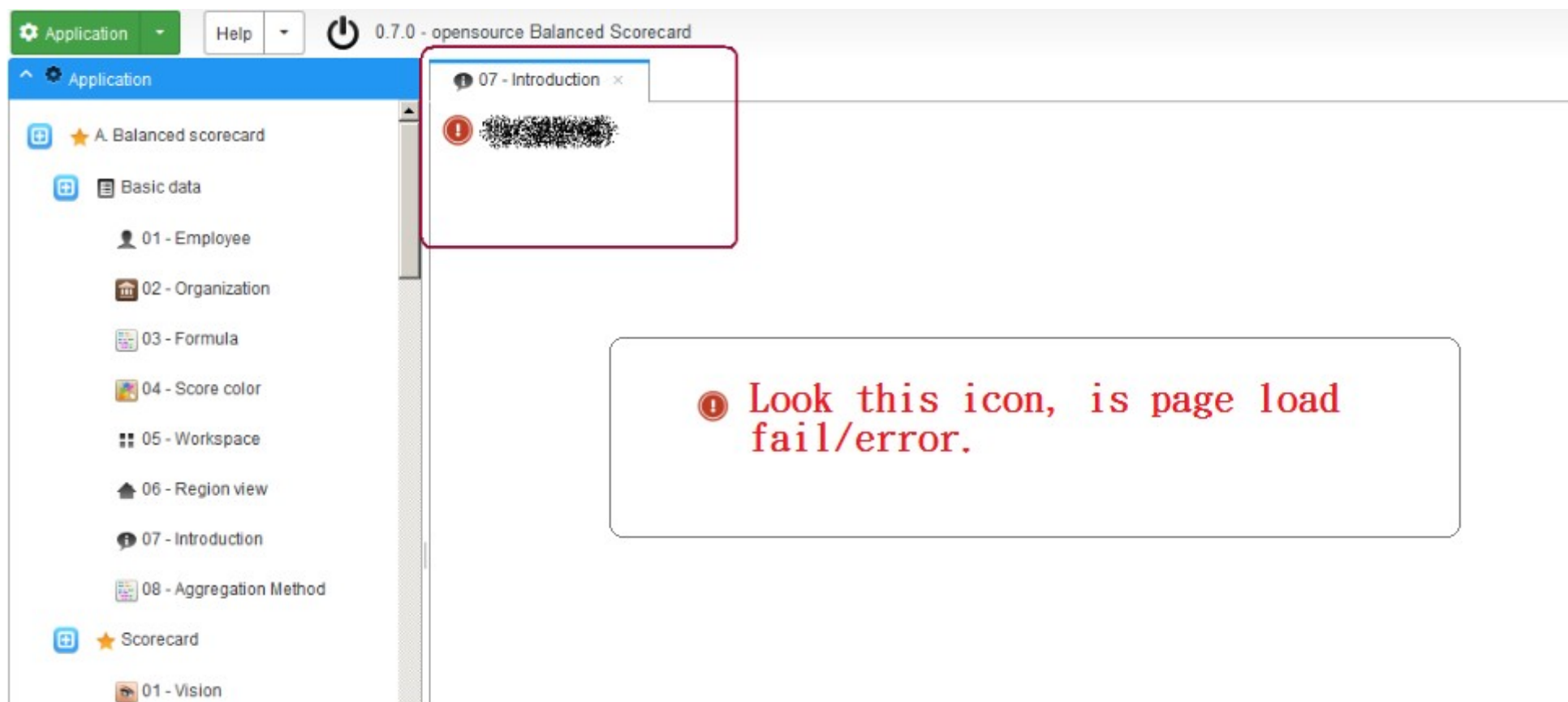
Local:  
☐

Icon:  
★ STAR

1. modify success server Host and Port or IP-address and Port

2. click "Save" button update data.

( figure 6-2 ) : modify Application site page



( figure 6-3 ) : request page fail !



## 7. User lost account password

command script file in WEB-INF\classes\

### command:

lost\_password 1 **account-id**

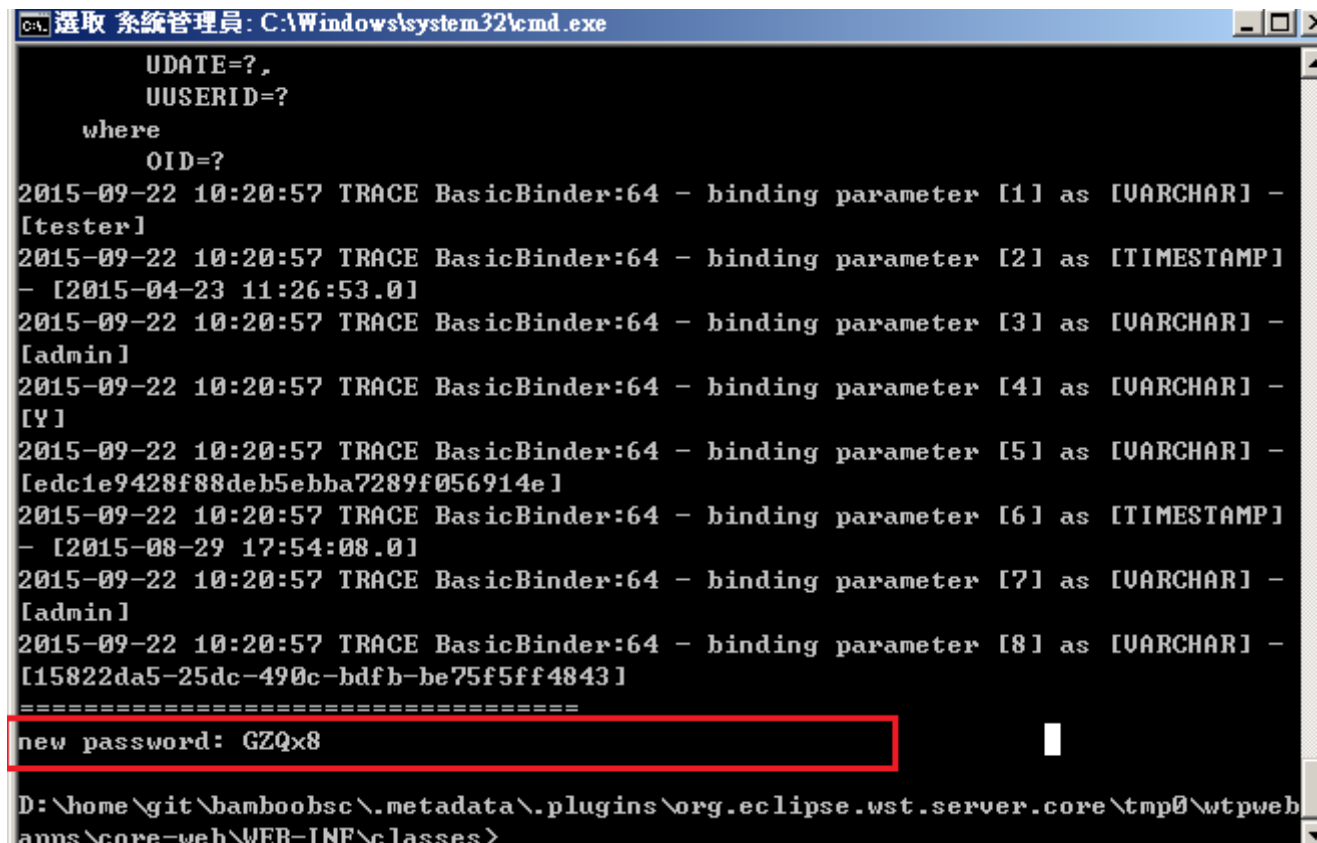
### Linux:

**lost\_password.sh**

### Windows:

**lost\_password.bat**

example generate new password for account tester: lost\_password 1 tester



```
C:\Windows\system32\cmd.exe
UPDATE=?
USERID=?
where
OID=?
2015-09-22 10:20:57 TRACE BasicBinder:64 - binding parameter [1] as [VARCHAR] -
[tester]
2015-09-22 10:20:57 TRACE BasicBinder:64 - binding parameter [2] as [TIMESTAMP]
- [2015-04-23 11:26:53.0]
2015-09-22 10:20:57 TRACE BasicBinder:64 - binding parameter [3] as [VARCHAR] -
[admin]
2015-09-22 10:20:57 TRACE BasicBinder:64 - binding parameter [4] as [VARCHAR] -
[Y]
2015-09-22 10:20:57 TRACE BasicBinder:64 - binding parameter [5] as [VARCHAR] -
[edc1e9428f88deb5ebba7289f056914e]
2015-09-22 10:20:57 TRACE BasicBinder:64 - binding parameter [6] as [TIMESTAMP]
- [2015-08-29 17:54:08.0]
2015-09-22 10:20:57 TRACE BasicBinder:64 - binding parameter [7] as [VARCHAR] -
[admin]
2015-09-22 10:20:57 TRACE BasicBinder:64 - binding parameter [8] as [VARCHAR] -
[15822da5-25dc-490c-bdfb-be75f5ff4843]
=====
new password: GZQx8
D:\home\git\bamboobsc\.metadata\.plugins\org.eclipse.wst.server.core\tmp0\wtpweb
apps\core-web\WEB-INF\classes>
```

## 8. Server ( apache-tomcat server & bambooBSC webapps ) run with DHCP net environment

when reboot server the IP-address will reset on my server environment, but not want every config bambooBSC config

reference :

<https://github.com/billchen198318/bamboobsc/issues/24>

### Config settings file

- modify apache-tomcat-8.5.56\webapps\core-web\WEB-INF\classes\applicationContext\conf\applicationContext-appSettings.properties
- modify apache-tomcat-8.5.56\webapps\gsbsc-web\WEB-INF\classes\applicationContext\conf\applicationContext-appSettings.properties

config base.applicationSiteHostUpdateMode value to 2

**base.applicationSiteHostUpdateMode=2**

## 9. Special locale ( CHINA ) cannot access google or twitter web site config.

### Config settigs file

- modify apache-tomcat-8.5.56\webapps\core-web\WEB-INF\classes\applicationContext\conf\applicationContext-appSettings.properties
- modify apache-tomcat-8.5.56\webapps\gsbsc-web\WEB-INF\classes\applicationContext\conf\applicationContext-appSettings.properties

config twitter.enable value to N and change googleMap.url to http://maps.google.cn

**googleMap.url=<http://maps.google.cn>**

**twitter.enable=N**

### Security config:

If you want to expose the service to the global information network, please refer to TOMCAT8 enable HTTPS support

<https://tomcat.apache.org/tomcat-8.0-doc/ssl-howto.html>