

# BOSWAR

A campaign builder brought to you by =69.GIAP=

*Version: 0.1*

BOSWAR.....	1
A campaign builder brought to you by =69.GIAP=.....	1
<i>Version: 0.1</i> .....	1
1    Installation.....	3
1.1    Prerequisites.....	3
1.2    Install the core Database.....	3
1.3    Install the Website .....	3
1.4    Sanity checks .....	4
1.4.1    Log on .....	4
1.4.2    User Management – Administrator Role .....	6

# 1 Installation

## 1.1 Prerequisites

---

To install BOSWAR the following things are required:

- MySQL
- Webserver
- PHP

This document does not cover a guide how to install MySQL, a Webserver and PHP. There can be multiple sources found in the [www](#).

## 1.2 Install the core Database

---

The `boswar_db` is the core of the BOSWAR campaign builder. The first step to install it is to restore the database to your MySQL environment.

**Note** `MySQL\boswar_db.sql`

Next we create database user to connect to this database. The same user will be used in the connection file of the BOSWAR Website.

**Note** `MySQL\create_boswar_hq_user.sql`

Next we load a couple of example databases so we can do sanity checks on BOSWAR.

**Note** `MySQL\exampleCampaigns\1916.sql ...bloody_april.sql ... flanders_eagles.sql ...skies_of_the_empires.sql`

Now we add an additional database user just for the campaign databases. This user has reduced rights and is used to improve security.

**Note** `MySQL\create_rofwar_campaign_user.sql`

## 1.3 Install the Website

---

To install the BOSWAR website please load the folder called BOSWAR into your `htdocs` directory.

**Note** `htdocs\Website\BosWar`

Then place the `connect_db.php` file into the same directory.

**Note** `htdocs\connect_db.php`

For a better understanding of the process, please have a look at Figure 1.

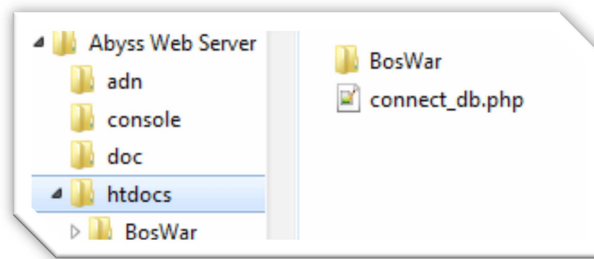


Figure 1

The connect\_db.php file holds the connection information the website requires to access the database tables.

Initially the content looks like this:

```
<?php
# Connect on 'localhost' (with configured default port) for user 'boswar_hq'
# with password 'boswar_password' to database 'boswar_db'.
$dbc = mysqli_connect
( 'localhost' , 'boswar_hq', 'boswar_password', 'boswar_db' )
OR die
( mysqli_connect_error() ) ;
# Set encoding to match PHP script encoding.
mysqli_set_charset( $dbc , 'utf8' ) ;
?>
```

This information matches the user we created in chapter 1.2.

## 1.4 Sanity checks

---

It is vital to perform a couple of sanity checks to ensure everything is connecting properly. Please follow the following chapters step by step and in case you run into problems contact STENKA, TUSHKA or MYATA and ask for help. Make sure the problem is properly documented using screenshots and a step by step guide to recreate the problem.

### 1.4.1 Log on

---

There are already 3 users stored in the database. The first test is to log on with each of them and ensure they have the correct role assigned.

Open the Browser of your choice (please avoid IE!) and connect to the following site:

localhost/BosWar/index.php

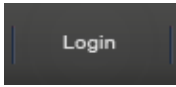
**Note** Of course this will only work if you do the test on the webserver. If you would like to test from a different environment you have to ensure accessibility of the webserver and exchange localhost with the appropriate domain, DNS name or IP address!

You should be presented with a nice selection screen.



Figure 2

Click on the left link. This brings you to the first screen of the ROFWAR campaign planner.

Click the  button and use the following information to log on:

**User:** viewer  
**Password:** manager

After clicking LOG IN this should bring you to the page **CampaignSelect.php** but unfortunately this user has no right other than logging in. On the left in the grey horizontal bar you see your user name and this user's role. Remember this as we will shortly check this with two additional users.

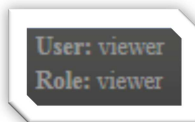
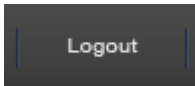


Figure 3

Now click the  button which brings you back to the first screen.

Let's repeat this using the following information:

**User:** commander  
**Password:** manager

Now **CampaignSelect.php** looks different and you have a new option in the left window and an additional button in the center screen though there is nothing to select yet. On the left you can now see different information. This user owns a commander role.

Logout and log in again using:

**User:** admin  
**Password:** manager

We get the same page but this time it looks completely different. Looking to the left you can see that this user is administrator.

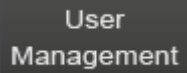
Log out again.

If you were able to successfully run through the three tests we ensure that the database connection to the boswar\_db can be established without problems.

## 1.4.2 User Management – Administrator Role

---

Let's have a look what an administrator can manipulate. Log on as admin using the same

A dark grey rectangular button with the text "User Management" in white, centered on two lines.

credentials as before and click on the button. You entered the User Management which is used to assign a registered user a new role, assign him to a coalition or reset his password. In this console you can also delete a selected user.

Let's have a detailed look at the console:

**Update Password**

Select User (dropdown) → select a user out of all registered users

Password (text) → user this field to reset a user's password

**Update Role**

Select New Role (dropdown) → drop down with all available roles currently we have 3 roles available:  
**viewer** – no rights, only registered  
**commander** – only rights to display and access assigned campaigns  
**administrator** – full rights

**Assign/Update**

skies\_of\_the\_empires (dropdown) → select a campaign and assign it to a user

Select New Coalition (dropdown) → select the coalition the user should be in, in the selected campaign

Assign/Update (button) → assign to a campaign or update coalition

Remove (button) → remove from a campaign

**!! Delete User !!**

**Choose the default folder for your Group Files:**

The file path is stored for the logged on user and the selected campaign. It is not possible to change the folder path for any other user!

Please insert a folder path. (text) → Store a predefined folder path. This option is only valid for the logged on user and not for the selected user! Each user has to maintain this folder on his own.

**SAVE**

Figure 4

#### 1.4.2.1 Test Case 1 – Update Password

Select the user named '**commander**' from the drop down. You will realize that a new window appears to the right of the form. This window displays a summary of the selected users' settings. The more rights a user has and the more campaigns a user is assigned to, the more information will be in this window.

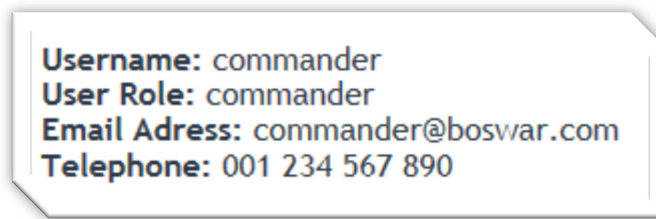


Figure 5

Enter a new password and hit **Update Password**.

The next page displays what you just did. Of course it does not display the password in clear text. The new password is stored encrypted in the boswar\_db database. Test if it worked properly by logging off and logging on using the commander user with the new password.

---

#### 1.4.2.2 Test Case 2 – Update Role

Log on as admin and navigate to the User Management console. Select the user '**viewer**' from the dropdown and select the **commander** role from the **Select New Role** dropdown.

Click Update Role and you get an appropriate feedback on the next page.

Log off and log on with the user **viewer**. The user should now have the commander role assigned instead of the viewer role.

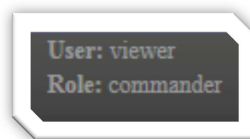


Figure 6

---

#### 1.4.2.3 Test Case 3 – Assign a Campaign and a Coalition to a User

Log on as admin and navigate to the User Management console. Select the '**commander**' role. The campaign dropdown only shows campaigns that are in an active state.

**Note** More details about campaign states later.

You can choose out of 2 active campaigns at the moment:

- skies\_of\_the\_empires
- 1916

Select **skies\_of\_the\_empires** and then select **Entente** from the Coalitions dropdown.

Click on the **Assign/Update** button. You get appropriate feedback as expected and we can start to test the result.

Get back to the User Management page and select the commander user once more. Now the user details window reflects that the user **commander** is now assigned to the campaign. Additionally it reflects the coalition the user is in this campaign.

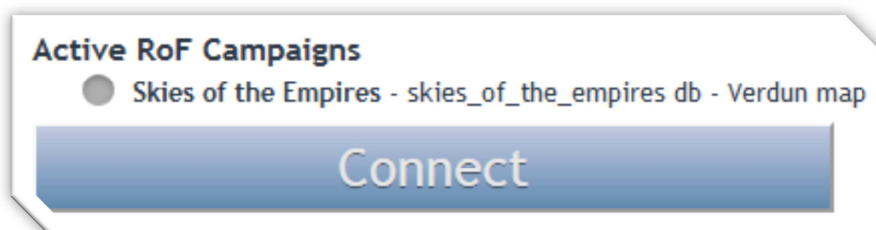




A screenshot of a user details window. The window has a white background with a grey border. It contains the following text: 'Username: commander', 'User Role: commander', 'Email Address: commander@boswar.com', and 'Telephone: 001 234 567 890'. Below this, there is a red rectangular box containing the text: 'Campaign DB: skies\_of\_the\_empires Coalition: Entente Group File Path:'.

Figure 7

Log off and log on with the **commander** user. You now can see the **Skies of the Empires** campaign on the **CampaignSelect.php** page.



A screenshot of a web interface showing 'Active RoF Campaigns'. There is a radio button next to the text 'Skies of the Empires - skies\_of\_the\_empires db - Verdun map'. Below this, there is a large blue button with the word 'Connect' in white text.

Figure 8

Log on as admin once more and remove the **Skies of the Empires** campaign from the user **commander** by selecting the user, selecting the campaign and clicking **Remove**. If you get back and select the c **commander** once more the details window reflects the user is no longer assigned to this campaign.

#### 1.4.2.4 Test Case 4 – Register and Delete user

---

On the first screen of the website click on . The following form will be shown:

**REGISTER**

Choose Username	←	choose your user name
Email Address	←	insert a valid email address
Choose Password	←	insert your password
Repeat Password	←	once more to verify it
Telephone Number	←	insert your phone if you want
<b>Submit</b>		

Figure 9

After clicking Submit you get feedback about success of creation and can no log in with the new user. Doing this you will see that the user was created as **viewer**.

Log off and log on as user **admin**. In the User Management console select the newly created user and click on **Delete User**.

Log off and try to log on with the user you registered before. It will not work as the user is deleted out of the boswar\_db.

#### 1.4.2.5 Test Case 5 – Store Group File Path for a user

Log on as **admin** and navigate to the User Management console.

Assign the user **admin** to the **Skies of the Empires** campaign on the **Entente** coalition. Navigate back to the console and reselect **admin**. Select the **Skies of the Empires** campaign and insert a path to a folder in the Input field of the form. Then click on **Save**. The system will assign the path out of the input field to the **Skies of the Empires** campaign as you are assigned to it.

Check this by selecting the **admin** user once more from the drop down. The user details reflect the process worked.

<b>Username:</b> admin
<b>User Role:</b> administrator
<b>Email Address:</b> admin@boswar.com
<b>Telephone:</b> 001 234 567 890
<hr/>
<b>Campaign DB:</b> skies_of_the_empires <b>Coalition:</b> Entente
<b>Group File Path:</b> C:\temp\

Figure 10

**Note** The last backslash in the folder path is added from the system automatically