

Scenario 4: IPBrick.IC Mail tools and Groupware integration

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1 Introduction

This document describes the procedure to integrate a Groupware tool (eGroupware) in IPBrick. It also shows how to synchronize events and contacts between Outlook and eGroupware.

2 IPBrick installation

1. Put the IPBrick bootable CD on the server
2. Make sure that the server has the option "booting from CD" enabled in the BIOS
3. Restart the server
4. The installation process ends with the CD-ROM ejection.
5. Remove the installation CD and reboot the server

3 Change IPBrick network configurations

After installing IPBrick, change the network definitions of IPBrick:

1. Using a web browser, access IPBrick GUI: <https://192.168.69.199>
2. Login as:

```
login : admin  
pass  : 123456
```
3. Select Advanced Settings -> IPBrick -> Definitions
4. Change the name of the server to "bs"
5. Change the DNS domain of the server to "ipbrick.au"
6. Change the IP address of the private network interface to "192.168.6.1"

4 Create a new user in IPBrick

1. In the IPBrick web interface, select IPBrick.I -> Users Management
2. Define the name, login and password for the user
3. Select "Update Settings" in the IPBrick menu
4. Confirm the update by clicking on the "Update" button (the server will reboot and the new definitions will take effect)

5 Installing eGroupware debian package

1. In the IPBrick web interface, select Advanced Settings -> IPBrick -> Update
2. Upload the provided eGroupware debian package

6 Using eGroupware

1. Using a web browser, access eGroupware GUI: <http://egroupware.ipbrick.au>
2. Open a new session using the login and password of the user previously created in IPBrick
3. Click the Calendar icon
4. Select a time period and create a new appointment
5. Click AddressBook icon and create a new contact

7 Microsoft Outlook Synchronization

7.1 Installing the Outlook Conector

1. Double click on the conector's installation file
2. Click Next
3. Accept the agreement and then click Next
4. Choose the directory where the conector will be installed and click Next
5. Click Next again
6. After finishing the installation click Next
7. Access to the Windows Start Menu-> Programs -> eGroupware's eGWOSync -> Select eGWOSync
8. The configuration wizard where the connector is going to be configured will appear
9. Click Next
10. Insert the server definitions (Host Settings)

`http: egroupware.ipbrick.au`
`Port: 80`
`URL: /xmlrpc.php`
11. Click Next
12. Insert the login and password (only) of the user to be synchronized
13. Click Test Login
14. If the login test was successful click Finish

7.2 Synchronizing information

7.2.1 From eGroupware to Outlook

1. Open Outlook
2. Click with the right mouse button on the connector icon in the taskbar (lower right corner) and select SYNC CALENDAR
3. Click with the right mouse button on the connector icon in the taskbar (lower right corner) and select SYNC ADDRESSBOOK
4. In the Outlook Calendar the appointment created in the eGroupware GUI will be presented
5. In the Outlook Contacts the contact created in the eGroupware GUI will also be shown

7.2.2 From Outlook to eGroupware

It's also possible to do the reverse procedure:

1. Create a new contact in Outlook Contacts
2. Create a new appointment in Outlook Calendar
3. Click with the right mouse button on the connector icon in the taskbar (lower right corner) and select SYNC CALENDAR
4. Click with the right mouse button on the connector icon in the taskbar (lower right corner) and select SYNC ADDRESSBOOK
5. In the eGroupware GUI the newly created contact and appointment will be presented