

DEPLOY CAS CLIENT MODULE ON OBM SYSTEMS

04th, December, 2013

System Requirements

- OBM 2.5.3
- LAMP Stack:
 - Apache 2.2.15
 - MySQL 5.5.34
 - PHP 5.4.21
- Roundcubemail 0.8.7
- Roundcube plugin
 - <https://github.com/dfwarden/Roundcube-CAS-Authn>
- phpCAS 1.3.2 (<https://wiki.jasig.org/display/CASC/phpCAS>)

Preparations

1. Backup your Roundcube configuration

```
# cd /usr/share/obm/php/webmail/config
# cp main.inc.php main.inc.php.bak
```

2. Make a new dir named “cas_authn_testing” in roundcube's plugin dir

```
# mkdir -p /usr/share/obm/php/webmail/plugins/cas_authn_testing
# chown -R apache.apache /usr/share/obm/php/webmail/plugins/cas_authn_testing
# ls -l /usr/share/obm/php/webmail/plugins | grep cas
```

Deploy CAS Client Module

1. Download CAS client module to your client box

```
# git clone git@github.com:dfwarden/Roundcube-CAS-Authn.git
```

2. Upload downloaded CAS client module to your OBM Systems

```
# rsync -avz -e 'ssh -p 8022' cas_authn/* root@<your-server-hostname>:/usr/share/obm/php/webmail/plugins/cas_authn_testing/
```

3. Download phpCAS 1.3.2 to your OBM Systems

```
# cd /usr/share/obm/php/webmail/plugins/cas_authn_testing
# wget downloads.jasig.org/cas-clients/php/current/CAS-1.3.2.tgz
# tar zxvf CAS-1.3.2.tgz
# mv -v CAS-1.3.2/* .
# rm -R CAS-1.3.2
```

4. Chown “apache” user and group to dir containing CAS client module

```
# chown -R apache.apache /usr/share/obm/php/webmail/plugins/cas_authn_testing/
```

5. Config your roundcube configuration to use new installed plugin

```
# cd /usr/share/obm/php/webmail/config
# vim main.inc.php
// List of active plugins (in plugins/ directory)
$rcmail_config['plugins'] = array('cas_authn_testing');
Save the config file and exit.
```

6. Rename config.inc.php.dist file

```
# cd /usr/share/obm/php/webmail/plugins/cas_authn_testing/
# cp config.inc.php.dist config.inc.php
```

6. Reload your Apache Web Server

```
# service httpd reload
```

7. Access your Roundcube Webmail

<https://<your-server-hostname>/webmail/>

Your web client content will be displayed as below:

The image shows the Roundcube Webmail login page. At the top left is the 'roundcube' logo with a blue cube icon. To the right of the logo is a link that says 'Sign in using Central Authentication Service'. Below this link is a horizontal dashed line. Under the line are two input fields: 'Username' and 'Password'. The 'Username' field has a cursor in it. Below the input fields is a 'Login' button.

8. Click the button “Sign in using Central Authentication Service” to use SSO

That's all!