

Pfsense web Captive portal 网页认证设定

Pfsense web Captive portal 也就是用户在第一次启动 Web 浏览器浏览英特网的时候，Web 浏览器会自动的连接到一个指定的 Web 认证页面，使用者必须在认证页面输入有效的用户名称和密码，通过认证后才允许浏览英特网。

1、首先选择主选菜单功能页面 "Services" 菜单下的 "Captive portal"

2、在出现的页面中，选择 "Captive portal" 选项，然后再选择 "Enable captive portal"开启服务，并且选择 "Interface" 为 "LAN"。

Services: Captive portal

Captive portal Pass-through MAC Allowed IP addresses Users File Manager

Enable captive portal 勾选此项启动服务

Interface LAN 选择LAN
Choose which interface to run the captive portal on.

Maximum concurrent connections 1 per client IP address (0 = no limit)
This setting limits the number of concurrent connections to the captive portal HTTP(S) server. This does not set how many users can be logged in to the captive portal, but rather how many users can load the portal page or authenticate at the same time! Default is 4 connections per client IP address, with a total maximum of 16 connections.

Idle timeout minutes
Clients will be disconnected after this amount of inactivity. They may log in again immediately, though. Leave this field blank for no idle timeout.

Hard timeout minutes
Clients will be disconnected after this amount of time, regardless of activity. They may log in again immediately, though. Leave this field blank for no hard timeout (not recommended unless an idle timeout is set).

Logout popup window **Enable logout popup window**
If enabled, a popup window will appear when clients are allowed through the captive portal. This allows clients to explicitly disconnect themselves before the idle or hard timeout occurs.

Redirection URL
If you provide a URL here, clients will be redirected to that URL instead of the one they initially tried to access after they've authenticated.

3、在 "Authentication " 选择 "Local user manager" 则表示采用 pfSense 自有的账户数据库 (此后还需要在 pfSense 建立相应账户)

Authentication

No authentication
 Local user manager
 RADIUS authentication

Primary RADIUS server

IP address
Enter the IP address of the RADIUS server which users of the captive portal have to authenticate against.

Port
Leave this field blank to use the default port (1812).

Shared secret
Leave this field blank to not use a RADIUS shared secret (not recommended).

Secondary RADIUS server

IP address
If you have a second RADIUS server, you can activate it by entering its IP address here.

Port

Shared secret

Accounting

send RADIUS accounting packets
If this is enabled, RADIUS accounting packets will be sent to the primary RADIUS server.

Accounting port
Leave blank to use the default port (1813).

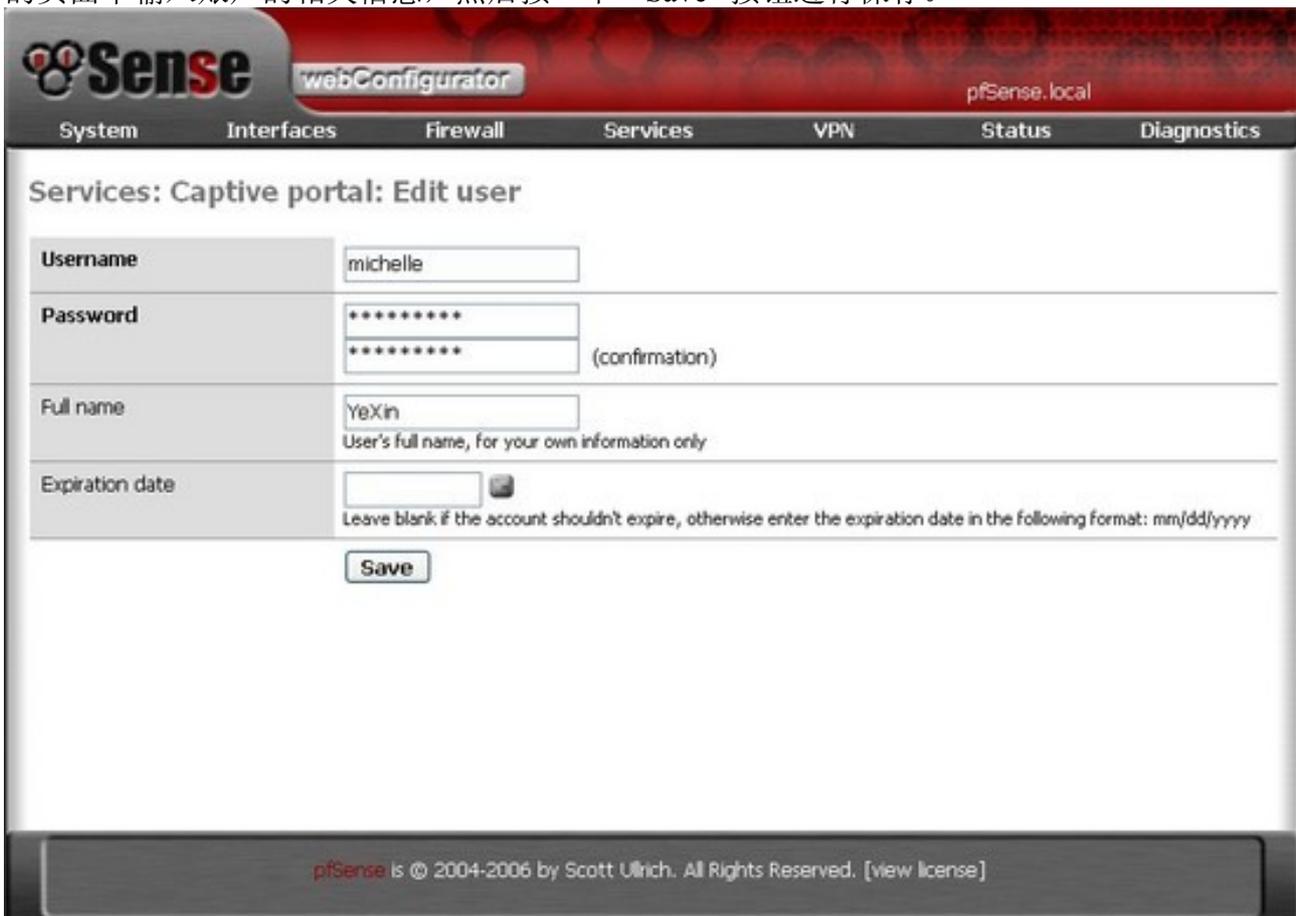
4、制作一个用户登录时需要认证的页面 Portal.html ，可以参见下列简单的设定语句，也可以随自己爱好来制作一个更加精美的认证页面。

```
<form method="post" action="$PORTAL_ACTIONS$">
帳號: <input name="auth_user" type="text">
密碼: <input name="auth_pass" type="password">
<input name="redirurl" type="hidden" value="$PORTAL_REDIRURL$">
<input name="accept" type="submit" value="Continue">
</form>
```

5、在"Portal page contents"处，单击“浏览”上传刚刚设定的 Portal.html 认证页面



6、接着选择 "Users" 选项来管理 pfSense 自有账户数据库，按一下 "+" 超级链接，在出现的页面中输入账户的相关信息，然后按一下 "Save" 按钮进行保存。



完成上面的步骤以后，基本的 web Captive portal 也就设定好了！如果您的 pfsense 有开启 DHCP 功能，您的客户端只需要自动获取 IP 即可；如果客户端需要手动设定 IP 地址的话，就需要把网关和 DNS server 都指向 pfsense (例如：192.168.0.110)