

3. **WPA-PSK: Wireless Protection Access-PreShared Key**, a kind of encryption mechanism supporting WPA-SOHO. When using WPA-PSK, there is no user authentication required.

802.1x Authentication Configuration

802.1x
 WPA w/802.1x
 WPA-PSK

Group Re-key Time sec (0~6000)

PSK

Passphrase

Group Re-key Time: Time interval for re-keying broadcast/multicast keys in seconds. The maximum is 6000 sec.

PSK: The Pre-Shared Key uses 64 hexadecimal.

Passphrase: A kind of password using 8 to 63 ASCII characters.

Attention: After clicking **Apply**, there will be a restart message. You must click **Restart** to apply the settings.

• **Authentication Server Configuration**

The system provides 3 servers and one on-demand server that the administrator can apply with different policy. Click on the server name to set the related configurations for that particular server. After completing and clicking **Apply** to save the settings, go back to the previous page to choose a server to be the default server and enable or disable any server on the list. Users can log into the default server without the postfix to allow faster login process.

802.1x Authentication Configuration					
802.1x Authentication Configuration					<input type="checkbox"/>
Authentication Server Configuration					
Server Name	Auth Method	Postfix	Policy	Default	Enabled
Server 1	LOCAL	Postfix1	Policy A	<input type="radio"/>	<input type="checkbox"/>
Server 2	LOCAL	Postfix2	Policy A	<input type="radio"/>	<input type="checkbox"/>
Server 3	LOCAL	Postfix3	Policy A	<input type="radio"/>	<input type="checkbox"/>
On-demand User	ONDEMAND	phenet	Policy A	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>

1. **Server 1~3:** There are 5 kinds of authentication methods, Local User, POP3, RADIUS, LDAP and NTDomain to setup from.

Authentication Server - Server 1	
Server Name	<input type="text" value="Server 1"/> <small>*(its server name)</small>
Server Status	Enabled
Postfix	<input type="text" value="Postfix1"/> <small>*(its postfix name)</small>
Black List	<input type="text" value="None"/>
Authentication Method	<input type="text" value="Local User"/> Local User Setting
Policy	<input type="text" value="Policy A"/>

Server Name: Set a name for the server using numbers (0 to 9), alphabets (a to z or A to Z), dash (-), underline (_) and dot (.) with a maximum of 40 characters, all other letters are not allowed.

Sever Status: The status shows that the server is enabled or disabled.

Postfix: Set a postfix that is easy to distinguish (e.g. Local) for the server using numbers (0 to 9), alphabets (a to z or A to Z), dash (-), underline (_) and dot (.) with a maximum of 40 characters, all other letters are not allowed.

Warning: The Policy Name cannot contain these words: MAC and IP.

Black List: There are 5 sets of the black lists. Select one of them or choose “None”. Please refer to **4.2.2**


Black List Configuration

Authentication Methods: There are 5 authentication methods, **Local**, **POP3**, **RADIUS**, **LDAP** and **NT Domain** to configure from. Select the desired method and click the link besides the pull-down menu for more advanced configuration. For more details, please refer to **4.2.1.1~5 Authentication Method**.

Notice: Enabling two or more servers of the same authentication method is not allowed.

Policy: There are 3 policies to choose from to apply to this particular server.

2. **On-demand User:** This is for the customer's need in a store environment. When the customers need to use wireless Internet in the store, they have to get a printed receipt with username and password from the store to log in the system for wireless access. There are 2000 On-demand User accounts available.

 **On-demand User Server Configuration**

On-demand User Server Configuration	
Server Status	Disabled
Postfix	<input style="width: 100%;" type="text" value="bonalinx"/> <small style="color: red; font-size: 0.8em;">*(e.g. bonalinx. Max: 40 char)</small>
Receipt Header 1	<input style="width: 100%;" type="text" value="Welcome!"/> <small style="color: red; font-size: 0.8em;">(e.g. Welcome!)</small>
Receipt Header 2	<input style="width: 100%;" type="text"/>
Receipt Footer	<input style="width: 100%;" type="text" value="Thank You!"/> <small style="color: red; font-size: 0.8em;">(e.g. Thank You!)</small>
Printer Baud Rate	<input style="width: 100%;" type="text" value="9600"/>
Monetary Unit	<input checked="" type="radio"/> none <input type="radio"/> \$ USD <input type="radio"/> £ GBP <input type="radio"/> € EUR <input type="radio"/> <input style="width: 50px;" type="text"/> <small style="color: red; font-size: 0.8em;">(Input other desired monetary unit, e.g. AU)</small>
WLAN ESSID	<input style="width: 100%;" type="text" value="W1310R"/> <small style="color: red; font-size: 0.8em;">(e.g. bonalinx)</small>
Wireless Key	<input style="width: 100%;" type="text"/>
Remark	<input style="width: 100%;" type="text"/> <small style="color: red; font-size: 0.8em;">(for customer)</small>
Billing Notice Interval	<input checked="" type="radio"/> 10mins <input type="radio"/> 15mins <input type="radio"/> 20mins
Twin Ticket	<input type="radio"/> Enable <input checked="" type="radio"/> Disable

[Users List](#)
[Billing Configuration](#)
[Create On-demand User](#)
[Billing Report](#)
[CreditCard](#)

Server Status: The status shows that the server is enabled or disabled.

Postfix: Set a postfix that is easy to distinguish (e.g. Local) for the server using numbers (0 to 9), alphabets (a to z or A to Z), dash (-), underline (_) and dot (.) with a maximum of 40 characters, all other letters are not allowed.

Receipt Header: There are two fields, **Receipt Header 1** and **Receipt Header 2**, for the receipt's header. Enter receipt header message or use the default.

Receipt Footer: Enter receipt footer message here or use the default.

Printer Baud Rate: Select the desired transmission baud rate. The default value is 9600.

Monetary Unit: Select the desired monetary unit.

Policy Name: Select a policy for the on-demand user.

WLAN ESSID: Enter the ESSID of the AP. Administrators can supply a new name or use the default name.

Wireless Key: Enter the Wireless key of the AP such as WEP or WPA.

Remark: Enter any additional information that will appear at the bottom of the receipt.

Billing Notice Interval: While the on-demand user is still logged in, the system will update the billing notice of the login successful page by the time interval defined here.

Twin Ticket: Enable this function to print duplicate receipts.

Users List: Click to enter the **On-demand Users List** page. In the **On-demand Users List**, detailed information will be documented here. By default, the On-demand user database is empty.

On-demand Users List					
Username	Password	Remaining Time/Volume	Status	Expiration Time	Delete All
Q2FX	93NH7WYK	Out of Qouta	Not available	2006/05/04-10:22:59	Delete
64MM	V8UF3967	2 hour	Normal	2006/05/05-10:12:15	Delete
N77X	86N99T4E	Out of Qouta	Not available	2006/05/03-10:35:44	Delete
8Y89	5352P766	Redeemed before	Not available	2006/05/03-11:02:02	Delete
8N6X	788VZ9B8	10 min	Expire	2006/05/02-11:15:16	Delete
2797	NW4679S4	10 min	Normal	2006/05/02-11:56:09	Delete
2XD4	7R9S2RR2	2 hour	Normal	2006/05/05-10:56:16	Delete
4HC4	R888S37X	1 hour 59 min 42 sec	Normal	2006/05/07-11:10:16	Delete
2TP4	ZUF7XE5A	10 min	Normal	2006/05/02-12:06:51	Delete

(Total:9) [First](#) [Previous](#) [Next](#) [Last](#)

- **Upload User:** Click this to enter the **Upload User** interface. Click the **Browse** button to select the text file for the user account upload. Then click **Submit** to complete the upload process.

Note1:The format of each line is "ID (Username), Password, Type, Status, Available Data transfer or Session length, Activation deadline (Date), Expired Date, Validity duration, Plan, Price, Toltal Data transfer or Session length when bought, Generated Date, First Login Date, Last Logout Date, Logout Cause" without the quotes. The separator between two columns in a line is a comma. When uploading a file, any format error or duplicated username will terminate the uploading process. No account will be uploaded. Please correct the format in the uploading file or delete the duplicated user account in the database, then try again.
Note2:The unit of data transfer is byte. The unit of session length is second. ID (Username) and Password must be given in upper case.

Upload On-demand User Account

File Name	<input style="width: 90%;" type="text"/> <input type="button" value="Browse..."/>
-----------	---

The uploading file should be a text file and the format of each line is "**ID (Username), Password, Type, Status, Available Data transfer or Session length, Activation deadline (Date), Expired Date, Validity duration, Plan, Price, Total Data transfer or Session length when bought, Generated Date, First Login Date, Last Logout Date, Logout Cause**" without the quotes. The separator between two columns in a line is a comma. When uploading a file, any format error or duplicated username will terminate the uploading process and no account will be uploaded. Please correct the format in the uploading file or delete the duplicated user account in the database, then try again. The unit of data transfer is byte. The unit of session length is second. ID (Username) and Password must be given in upper case.

Example1: For Session Length type

The **Type** must be written as **TIME**, Set Status must be set as **0**. Set **Session Length** in seconds. **Activation Deadline** must be in the format of yyyy/mm/dd hh:mm:ss. Set **Validity Duration** as **1**, and give a **Plan** that's already been generated and enabled from **Billing Configuration** page. Provide a price in any monetary unit defined in **On-demand User Server Configuration** page. Finally, set **Session Length when bought** the same as **Session Length**. Leave other fields blank.

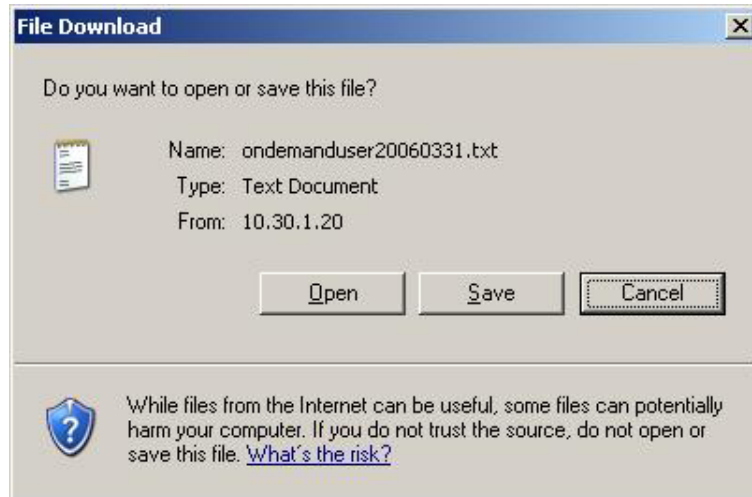
User Name	Password	Type	Status	Session Length	Activation Deadline	Validity Duration	Plan	Price	Session Length when bought
USER1	PASSWORD1	TIME	0	120	2006/09/13 11:35:43	1	3	22	120
USER2	PASSWORD2	TIME	0	120	2006/09/13 11:35:43	1	3	22	120

Example2: For Total Data Transfer type

The **Type** must be written as **DATA**, Set Status must be set as **0**. Set **Total Data Transfer** in bytes. **Activation Deadline** must be in the format of yyyy/mm/dd hh:mm:ss. Set **Validity Duration** as **1**, and give a **Plan** that's already been generated and enabled from **Billing Configuration** page. Provide a price in any monetary unit defined in **On-demand User Server Configuration** page. Finally, set **Total Data Transfer when bought** the same as **Session Length**. Leave other fields blank.

User Name	Password	Type	Status	Total Data Transfer	Activation Deadline	Validity Duration	Plan	Price	Total Data Transfer when bought
USER1	PASSWORD1	DATA	0	2097152	2006/09/13 11:35:43	1	2	11	2097152
USER2	PASSWORD2	DATA	0	2097152	2006/09/13 11:35:43	1	2	11	2097152

- **Download User:** Click this to create a .txt file and then save it on disk.



- **Search:** Enter a keyword of a username that needs to be searched in the text field and click this button to perform the search. All usernames matching the keyword will be listed.
- **Username:** The login name of the on-demand user.
- **Password:** The login password of the on-demand user.
- **Remaining Time/Volume:** The total time/Volume that the user can use currently.
- **Status:** The status of the account. Normal indicates that the account is not in-use and not overdue. Online indicates that the account is in-use and not overdue. Expire indicates that the account is overdue and cannot be used.
- **Expiration Time:** The expiration time of the account.
- **Del All:** This will delete all the users at once.
- **Delete:** This will delete the users individually.

Billing Configuration: Click this to enter the **Billing Configuration** page. In the **Billing Configuration** screen, Administrator may configure up to 10 billing plans.


Billing Configuration						
Plan	Status	Type	Expiration Time	Valid Duration	Policy Name	Price
1	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	<input type="radio"/> Data <input checked="" type="radio"/> Time	<input type="text"/> Mbyte <input type="text"/> hrs <input type="text"/> mins	<input type="text"/> days <input type="text"/> hours	<input type="text"/> days	Policy A ▾ <input type="text"/>
2	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	<input checked="" type="radio"/> Data <input type="radio"/> Time	<input type="text"/> Mbyte <input type="text"/> hrs <input type="text"/> mins	<input type="text"/> days <input type="text"/> hours	<input type="text"/> days	Policy B ▾ <input type="text"/>
3	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	<input type="radio"/> Data <input checked="" type="radio"/> Time	<input type="text"/> Mbyte <input type="text"/> hrs <input type="text"/> mins	<input type="text"/> days <input type="text"/> hours	<input type="text"/> days	None ▾ <input type="text"/>
4	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	<input checked="" type="radio"/> Data <input type="radio"/> Time	<input type="text"/> Mbyte <input type="text"/> hrs <input type="text"/> mins	<input type="text"/> days <input type="text"/> hours	<input type="text"/> days	Policy A ▾ <input type="text"/>
5	<input type="radio"/> Enable <input checked="" type="radio"/> Disable	<input type="radio"/> Data <input type="radio"/> Time	<input type="text"/> Mbyte <input type="text"/> hrs <input type="text"/> mins	<input type="text"/> days <input type="text"/> hours	<input type="text"/> days	None ▾ <input type="text"/>

- **Status:** Select to enable or disable this billing plan.
- **Type:** Set the billing plan by “Data” (the maximum volume allowed is 9,999,999 Mbyte) or “Time” (the maximum days allowed is 999 days).
- **Expiration time:** This is the duration of time that the account has to be activated after generation of the account. If the account is not activated during this duration the account will self-expire
- **Valid Duration:** This is the duration of time that the user can use the Internet after activation of the account. After this duration, the account will self-expires.
- **Price:** The price charged for this billing plan.

Create On-demand User: Click this to enter the **On-demand User Generate** page.

Create On-demand User				
Plan	Type	Price	Status	Function
1	2 hrs 0 mins	20	Enabled	Create
2	N/A	N/A	Disabled	Create
3	N/A	N/A	Disabled	Create
4	N/A	N/A	Disabled	Create
5	N/A	N/A	Disabled	Create
6	N/A	N/A	Disabled	Create
7	N/A	N/A	Disabled	Create
8	N/A	N/A	Disabled	Create
9	N/A	N/A	Disabled	Create
0	N/A	N/A	Disabled	Create

Pressing the **Create** button for the desired rule, an On-demand user will be created, then click **Printout** to print a receipt which will contain this on-demand user's information.

 **Welcome!**

Username	6Q97@pheenet
Password	7CAM3ZV8
Price	20
Usage	2 hrs 0 mins
ESSID : default	
Wireless Key:	
Valid to use until: 2006/09/16 18:08:34	

Thank You!

Printout
Close

Billing Report: Click this to enter the **On-demand Summary report** page. In **On-demand users Summary report** page, Administrator can get a complete report or a report of a particular period.

The screenshot shows a web interface for generating reports. At the top left is a button labeled 'Report All'. Below it are two rows of date pickers. The first row is labeled 'From' and the second 'To'. Each row contains three dropdown menus for 'year', 'month', and 'day'. To the right of the 'To' date pickers is a button labeled 'Search'.

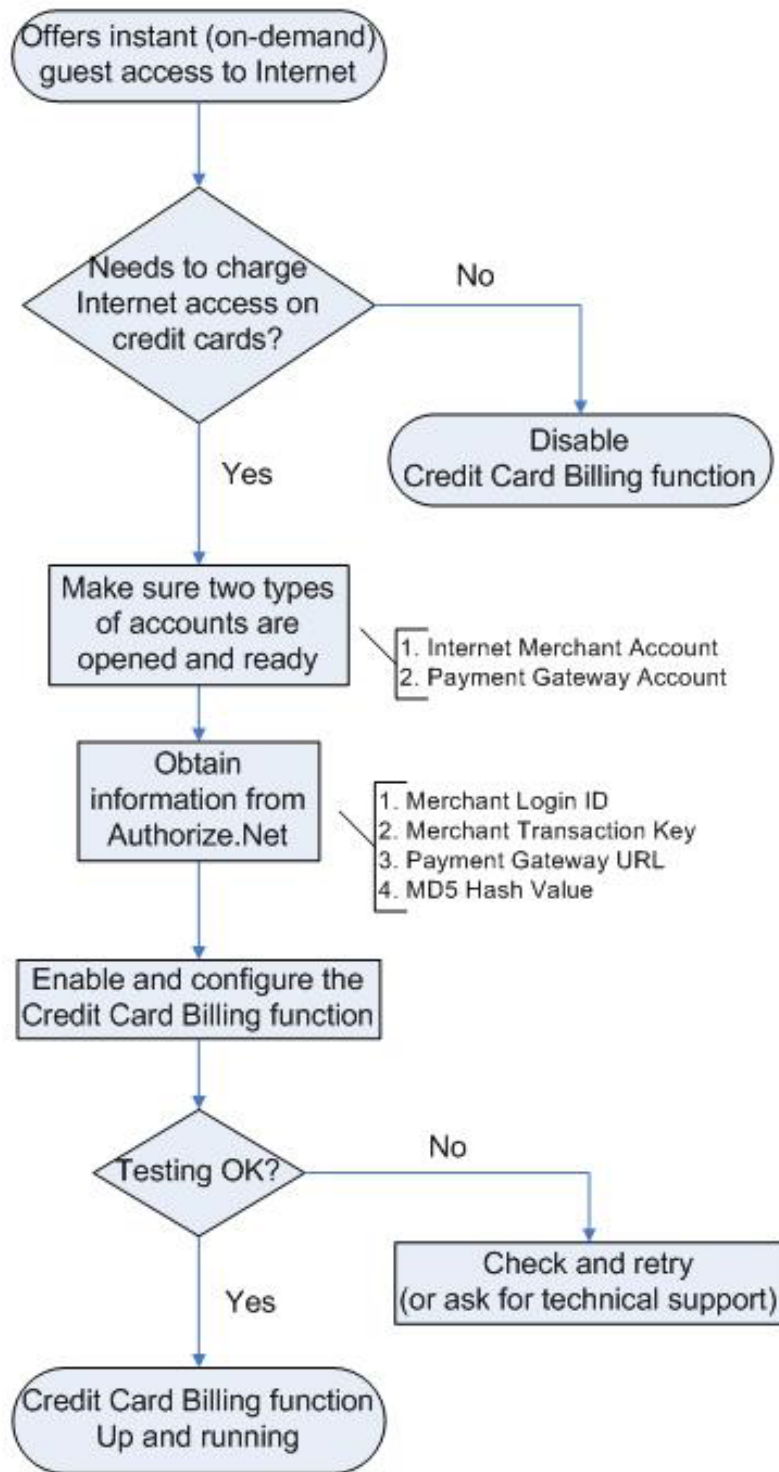
- **Report All:** Click this to get a complete report including all the on-demand records. This report shows the total expenses and individual accounting of each plan for all plans available.

Report All	
Accounts sold in total	2
Plan1	2
Plan2	0
Plan3	0
Plan4	0
Plan5	0
Plan6	0
Plan7	0
Plan8	0
Plan9	0
Plan10	0
Total income	40
Income from tickets sold for time users	40
Income from tickets sold for volume users	0

- **Search:** Select a time period to get a period report. The report tells the total expenses and individual accounting of each plan for all plans available for that period of time.

Report from 2005/06/25 ~ 2005/06/28	
Accounts sold in total	2
Plan1	2
Plan2	0
Plan3	0
Plan4	0
Plan5	0
Plan6	0
Plan7	0
Plan8	0
Plan9	0
Plan10	0
Total income	40
Income from tickets sold for time users	40
Income from tickets sold for volume users	0

Credit Card: Click this to enter the **Credit Card Configuration** page. This section is about how independent HotSpot owners can enable the credit card billing function, making the HotSpot an e-commerce environment for end users to pay for and get Internet access using their credit cards. Before the "Credit Card" and related functions can be managed appropriately, W1310R requires the merchant owners to have a valid **Authorize.Net** (www.authorize.net) account, since Authorize.Net is the on-line payment gateway that W1310R supports now. Please see **Appendix C. The Configuration on Authorize.Net** to setup an Authorize.Net account and other necessary information.



After getting an Authorize.Net account, set the following configuration in Credit Card Configuration of W1310R.

Credit Card General Configuration	
Credit Card Payment	<input checked="" type="radio"/> Enable <input type="radio"/> Disable

Credit Card Payment Page Configuration	
Merchant Login ID	<input type="text" value="cnpdev1421"/> *
Merchant Transaction Key	<input type="text" value="fAE8bX3Sseh1Ys9ul"/> *
Payment Gateway URL	<input type="text" value="https://test.authorize.net/gateway/transact.dll"/> *
Verify SSL Certificate	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Test Mode	<input checked="" type="radio"/> Enable <input type="radio"/> Disable <input type="button" value="Try Test"/> *
MD5 Hash	<input checked="" type="radio"/> Enable <input type="radio"/> Disable MD5 Hash Value: <input type="text"/> * If MD5 Hash is enabled and an error occurs due to the current transaction: <input checked="" type="radio"/> Cancel the current transaction and disable credit card payment option. <input type="radio"/> Cancel the current transaction but still leave credit card payment option available.

➤ **Credit Card General Configuration**

Credit Card Payment: Click Enable to turn on this function or click Disable to turn off this function.

➤ **Credit Card Payment Page Configuration**

Merchant ID: The merchant ID is similar to a username and is used by the Payment Gateway to authenticate transactions.

Merchant Transaction Key: The merchant transaction key is similar to a password and is used by the Payment Gateway to authenticate transactions.

Payment Gateway URL: The Payment Gateway verifies the URL specified in the post string against the URLs in this field.

Verify SSL Certificate: *Secure Sockets Layer*, a protocol developed by Netscape for transmitting private documents via the Internet. SSL uses a cryptographic system that uses two keys to encrypt data – a public key known to everyone and a private or secret key known only to the recipient of the message. Both Netscape Navigator and Internet Explorer support SSL, and many Web sites use the protocol to obtain confidential user information, such as credit card numbers. By convention, URLs that require an SSL connection start with https: instead of http:.

Test Mode: It is possible to submit a test transactions to the payment gateway. Transactions that are submitted while Test Mode is enabled are NOT actually processed. The example as follows:

Wireless Internet Access

	Rate Plan	Price
<input type="radio"/>	2 hrs 0 mins	\$ 5.00
<input checked="" type="radio"/>	6 hrs 0 mins	\$ 8.00
<input type="radio"/>	12 hrs 0 mins	\$ 12.00
<input type="radio"/>	600 Mbyte	\$ 5.00
<input type="radio"/>	1000 Mbyte	\$ 8.00
<input type="radio"/>	2000 Mbyte	\$ 12.00

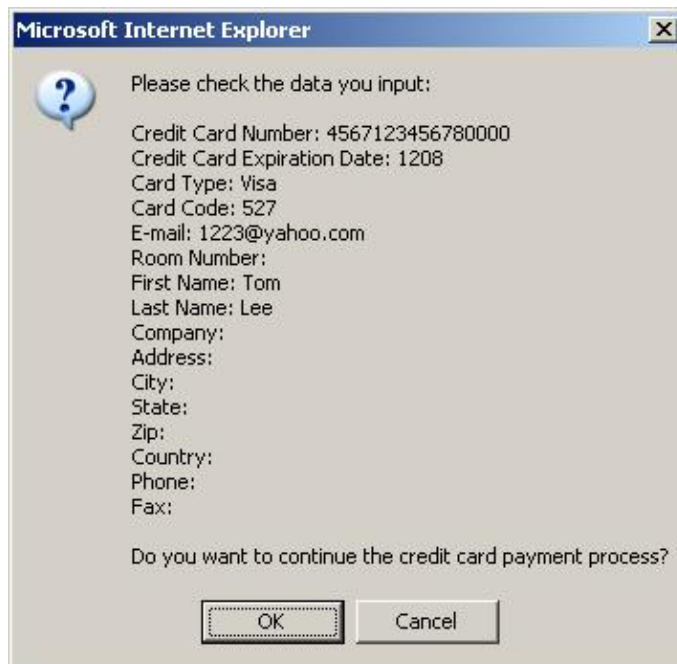
Credit Card & Contact Information

Credit Card Number	4567123456780000 *
Credit Card Expiration Date	1208 *(MMYY)
Card Type	<div style="border: 1px solid #ccc; padding: 2px;"> Visa ▼ </div> *
Card Code	527 *
E-mail	tlee1223@yahoo.com *
First Name	Tom *
Last Name	Lee *
Company	<input style="width: 100%;" type="text"/>
Address	<input style="width: 100%;" type="text"/>
City	<input style="width: 100%;" type="text"/>
State	<input style="width: 100%;" type="text"/>
Zip	<input style="width: 100%;" type="text"/>
Country	<input style="width: 100%;" type="text"/>
Phone	<input style="width: 100%;" type="text"/>
Fax	<input style="width: 100%;" type="text"/>

Fields denoted by an asterisk(*) are required.

Note:
 You must fill in the correct credit card number and expiration date. Card code is the last 3 digits of the security code located on the back of your credit card. If you choose to enter your e-mail address, you will receive a confirmation letter for your own reference.

Click **Submit** to send out this transaction. There will be a confirm dialog box showing up. Check the data again and then click **OK** to go on the transaction or click **Cancel** to revise the data or cancel this transaction.



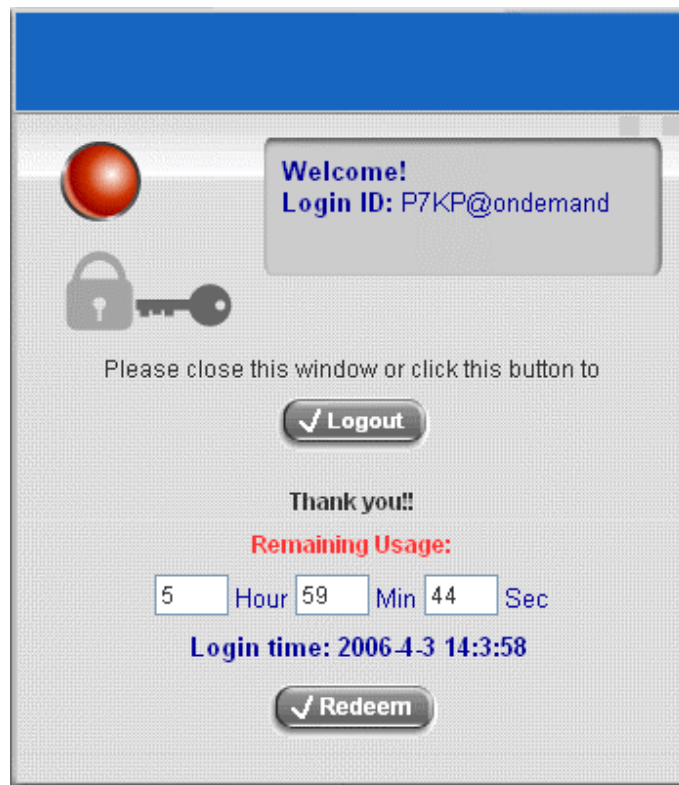
After clicking OK, there will be another dialog box showing up to confirm this transaction again. Click **OK** to complete the process or click **Cancel** to revise the data or cancel this transaction.



Click **OK** to complete the transaction and a welcome screen will show up.



Click **Start Internet Access** to begin to use the Internet.



MD5 Hash: If transaction responses need to be encrypted by the Payment Gateway, enter and confirm a MD5 Hash Value and select a reactive mode. The MD5 Hash security feature enables merchants to verify that the results of a transaction, or transaction response, received by their server were actually sent from the Payment Gateway.

Service Disclaimer Content

We may collect and store the following personal information:
email address, physical contact information, credit card numbers and transactional information based on your activities on the Internet service provided by us.

Credit Card Payment Page Billing Configuration				
Plan	Enable/Disable		Quota	Price
1	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable	2 hrs 0 mins	5.00
2	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable	6 hrs 0 mins	8.00
3	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable	12 hrs 0 mins	12.00
4	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable	600 Mbyte	5.00
5	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable	1000 Mbyte	8.00
6	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable	2000 Mbyte	12.00
7	<input type="radio"/> Enable	<input checked="" type="radio"/> Disable		
8	<input type="radio"/> Enable	<input checked="" type="radio"/> Disable		
9	<input type="radio"/> Enable	<input checked="" type="radio"/> Disable		
10	<input type="radio"/> Enable	<input checked="" type="radio"/> Disable		

Client's Purchasing Record

Invoice Number	YK-Cafe-	- 00000049	* <input type="checkbox"/> Reset
Description	Wireless Internet Acces *		
E-mail Header	Thank you very much fo *		

➤ **Service Disclaimer Content**

View service agreements and fees for the standard payment gateway services here as well as adding new or editing services disclaimer.

➤ **Credit Card Payment Page Billing Configuration**

These 10 plans are the plans in **Billing Configuration**, and desired plan can be enabled.

➤ **Client's Purchasing Record**

Invoice Number: An invoice number may be provided as additional information against a transaction. This is a reference field that may contain any format of information.

Description: Narrative text entered by a user to describe the nature of a transaction.

Email Header: Enter the information that should appear in the header of the invoice.

Credit Card Payment Page Fields Configuration		
Item	Displayed Text	Required
<input checked="" type="checkbox"/> Credit Card Number	Credit Card Number *	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Credit Card Expiration Date	Credit Card Expiration Date *	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Card Type	Card Type * <input checked="" type="checkbox"/> Visa <input checked="" type="checkbox"/> American Express <input checked="" type="checkbox"/> Master Card <input checked="" type="checkbox"/> Discover	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Card Code	Card Code *	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> E-mail	E-mail *	<input checked="" type="checkbox"/>
<input type="checkbox"/> Customer ID	Room Number *	<input type="checkbox"/>
<input checked="" type="checkbox"/> First Name	First Name *	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Last Name	Last Name *	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Company	Company *	<input type="checkbox"/>
<input checked="" type="checkbox"/> Address	Address *	<input type="checkbox"/>
<input checked="" type="checkbox"/> City	City *	<input type="checkbox"/>
<input checked="" type="checkbox"/> State	State *	<input type="checkbox"/>
<input checked="" type="checkbox"/> Zip	Zip *	<input type="checkbox"/>
<input checked="" type="checkbox"/> Country	Country *	<input type="checkbox"/>
<input checked="" type="checkbox"/> Phone	Phone *	<input type="checkbox"/>
<input checked="" type="checkbox"/> Fax	Fax *	<input type="checkbox"/>

*Displayed text fields must be filled.

Credit Card Payment Page Remark Content	
You must fill in the correct credit card number and expiration date. Card code is the last 3 digits of the security code located on the back of your credit card. If	

➤ **Credit Card Payment Page Fields Configuration**

Display: Check the box to show this item on the customer's payment interface.

Displayed Text: Enter what needs to be shown for this field.

Mandatory: Check the box to indicate this item as a required field.

Credit Card Number: Credit card number of the customer. The Payment Gateway will only accept card numbers that correspond to the listed card types.

Credit Card Expiration Date: Month and year expiration date of the credit card. This should be entered in the format of MMY. For example, an expiration date of July 2005 should be entered as 0705.

Card Type: This value indicates the level of match between the Card Code entered on a transaction and the value that is on file with a customer's credit card company. A code and narrative description are provided indicating the results returned by the processor.

Card Code: The three- or four-digit code assigned to a customer's credit card number (found either on the front of the card at the end of the credit card number or on the back of the card).

Email: An email address may be provided along with the billing information of a transaction. This is the customer's email address and should contain an @ symbol.

Customer ID: This is an internal identifier for a customer that may be associated with the billing information of a transaction. This field may contain any format of information.

First Name: The first name of a customer associated with the billing or shipping address of a transaction. In the case when John Doe places an order, enter John in the First Name field indicating this customer's name.

Last Name: The last name of a customer associated with the billing or shipping address of a transaction. In the case when John Doe places an order, enter Doe in the Last Name field indicating this customer's name.

Company: The name of the company associated with the billing or shipping information entered on a given transaction.

Address: The address entered either in the billing or shipping information of a given transaction.

City: The city is associated with either the billing address or shipping address of a transaction.

State: A state is associated with both the billing and shipping address of a transaction. This may be entered as either a two-character abbreviation or the full text name of the state.

Zip: The ZIP code represents the five or nine digit postal code associated with the billing or shipping address of a transaction. This may be entered as five digits, nine digits, or five digits and four digits.

Country: The country is associated with both the billing and shipping address of a transaction. This may be entered as either an abbreviation or full value.

Phone: A phone number is associated with both a billing and shipping address of a transaction. Phone number information may be entered as all number or it may include parentheses or dashes to separate the area code and number.

Fax: A fax number may be associated with the billing information of a transaction. This number may be entered as all number or contain parentheses and dashes to separate the area code and number.

➤ **Credit Card Payment Page Remark Content**

Enter additional details for the transaction such as Tax, Freight and Duty Amounts, Tax Exempt status, and a Purchase Order Number, if applicable.

4.2.1.1 Authentication Method – Local User Setting

Choose “Local User” in the **Authentication Method** field, the hyperlink besides the pull-down menu will become “Local User Setting”.

Configure Authentication Server 1	
Server Name	Server 1 <small>*(It's server name)</small>
Server Status	Disabled
Postfix	Local <small>*(It's postfix name)</small>
Black List	None
Authentication Method	Local User Local User Setting
Policy Name	<div style="border: 1px solid gray; padding: 2px;"> Local User POP3 Radius LDAP NTDomain </div>
<input type="button" value="✓ Apply"/> <input type="button" value="✗ Clear"/>	

Click the hyperlink for further configuration.

Local User Setting
Edit Local User List

- **Edit Local User List:** Click this to enter the “Local User List” screen.

<input type="button" value="Add User"/>	<input type="button" value="Upload User"/>	<input type="button" value="Download User"/>	<input type="button" value="Refresh"/>	
<input type="text"/>		<input type="button" value="Search"/>		
Users List				
Username	Password	MAC	Policy	<input type="button" value="Del All"/>
			Remark	
(Total:0) First Previous Next Last				

Add User: Click the hyperlink of Add User to enter the **Add User** interface. Fill in the necessary information such as “Username”, “Password”, “MAC” (optional) and “Remark” (optional). Then, select a desired **Policy** and click **Apply** to complete adding the user or users.

Add User					
Item	Username	Password	MAC (xx:xx:xx:xx:xx:xx)	Policy	Remark
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
9	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
10	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>

Input the users and enter the necessary information.

Add User					
Item	Username	Password	MAC (xx:xx:xx:xx:xx:xx)	Policy	Remark
1	Tony	asti234	<input type="text"/>	Policy A <input type="button" value="v"/>	<input type="text"/>
2	Larry	1deTg5	00:01:23:3F:6D:7E	Policy A <input type="button" value="v"/>	<input type="text"/>
3	Judy	fish258	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
4	Oksana	oklova	<input type="text"/>	Policy B <input type="button" value="v"/>	long term
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
9	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
10	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>

After inputting the users and all the information desired, click *Apply*.

User **'Tony'** has been added!
 User **'Larry'** has been added!
 User **'Judy'** has been added!
 User **'Oksana'** has been added!

Add User					
Item	Username	Password	MAC (xx:xx:xx:xx:xx:xx)	Policy	Remark
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	None <input type="button" value="v"/>	<input type="text"/>

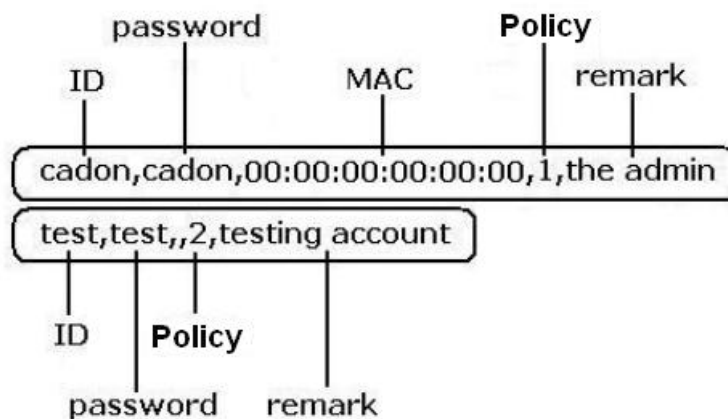
Upload User: Click this to enter the **Upload User** interface. Click the **Browse** button to select the text file for the user account upload. Then click **Submit** to complete the upload process.

Note: The format of each line is "ID, Password, MAC, Policy, Remark" without the quotes. There must be no space between the fields and commas. The MAC field could be omitted but the trailing comma must be retained. When adding user accounts by uploading a file, existing accounts in the embedded database that are also defined in the data file will not be replaced by the new ones.

Upload User Account

File Name

The uploading file should be a text file and the format of each line is "**ID, Password, MAC, Policy, Remark**" without the quotes. There must be no spaces between the fields and commas. The MAC field could be omitted but the trailing comma must be retained. When adding user accounts by uploading a file, the existing accounts in the embedded database will not be replaced by new ones.



Download User: Click this to enter the **Users List** page and the system will directly show a list of all created user accounts. Click **Download** to create a .txt file and then save it on disk.

Users List				
Username	Password	MAC	Policy	Del All
			Remark	
Tony	asti234		Policy A	Delete
Larry	1deTg5	00:01:23:3F:6D:7E	Policy A	Delete
Judy	fish258		None	Delete
Oksana	oklova		Policy B	Delete
			long term	

(Total:4) [First](#) [Previous](#) [Next](#) [Last](#)

Refresh: Click this to renew the user list.

Users List				
Username	Password	MAC	Policy	Del All
			Remark	
Tony	asti234		Policy A	Delete
Larry	1deTg5	00:01:23:3F:6D:7E	Policy A	Delete
Judy	fish258		None	Delete
Oksana	oklova		Policy B	Delete
			long term	
Laura	kitty2166		Policy C	Delete
			new	

(Total:5) [First](#) [Previous](#) [Next](#) [Last](#)

Search: Enter a keyword of a username to be searched in the text field and click this button to perform the search. All usernames matching the keyword will be listed.

Users List				
Username	Password	MAC	Policy	<input type="button" value="Del All"/>
			Remark	
Oksana	oklova		Policy B	Delete
			long term	

(Total:1) [First](#) [Previous](#) [Next](#) [Last](#)

Del All: This will delete all the users at once.

Delete: This will delete the users individually.

Edit User: If editing the content of individual user account is desired, click the username of the desired user account to enter the **Edit User** Interface for that particular user, and then modify or add any desired information such as **“Username”**, **“Password”**, **“MAC”** (optional) and **“Remark”** (optional). Then, click **Apply** to complete the modification.

Edit User	
Username	<input type="text" value="Oksana"/> *
Password	<input type="text" value="oklova"/> *
MAC	<input type="text" value="00:01:33:7C:2D:1F"/>
Group	<input type="text" value="Policy C"/> ▼
Remark	<input type="text" value="permanent"/>

4.2.1.2 Authentication Method – POP3

Choose “**POP3**” in the **Authentication Method** field, the hyperlink beside the pull-down menu will become “**POP3 Setting**”.

Authentication Server - Server 1	
Server Name	<input type="text" value="Server 1"/> *(Its server name)
Server Status	Enabled
Postfix	<input type="text" value="Postfix1"/> *(Its postfix name)
Black List	<input type="text" value="None"/>
Authentication Method	<input type="text" value="POP3"/> POP3 Setting
Policy	<input type="text" value="Local User"/> <input type="text" value="POP3"/> <input type="text" value="Radius"/> <input type="text" value="LDAP"/> <input type="text" value="NTDomain"/>

Click the hyperlink for further configuration. Enter the related information for the primary server and/or the secondary server (the secondary server is not required). The blanks with red star are necessary information. These settings will become effective immediately after clicking the **Apply** button.

Primary POP3 Server	
Server IP	<input type="text"/> *(Domain Name /IP)
Port	<input type="text"/> *(Default:110)
SSL Setting	<input type="checkbox"/> Enable SSL Connection
Secondary POP3 Server	
Server IP	<input type="text"/>
Port	<input type="text"/>
SSL Setting	<input type="checkbox"/> Enable SSL Connection

- **Server IP:** Enter the IP address/domain name given by the ISP.
- **Port:** Enter the Port given by the ISP. The default value is 100.
- **Enable SSL Connection:** If this option is enabled, the POP3 protocol will perform the authentication.

4.2.1.3 Authentication Method – Radius

Choose “Radius” in the **Authentication Method** field, the hyperlink beside the pull-down menu will become “Radius Setting”.

Authentication Server - Server 1	
Server Name	Server 1 <small>*(Its server name)</small>
Server Status	Enabled
Postfix	Postfix1 <small>*(Its postfix name)</small>
Black List	None
Authentication Method	Radius Radius Setting
Policy	

Local User
 POP3
 Radius
 LDAP
 NTDomain

Click the hyperlink for further configuration. The Radius server sets the external authentication for user accounts. Enter the related information for the primary server and/or the secondary server (the secondary server is not required). The blanks with red star are necessary information. These settings will become effective immediately after clicking the **Apply** button.

Radius Setting	
802.1x Authentication	<input checked="" type="radio"/> Enable <input type="radio"/> Disable Radius Client List
Trans Full Name	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
NASID	<input type="text"/>
Primary RADIUS Server	
Server IP	<input type="text"/> *
Authentication Port	<input type="text"/> <small>*(Default: 1812)</small>
Accounting Port	<input type="text"/> <small>*(Default: 1813)</small>
Secret Key	<input type="text"/> *
Accounting Service	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Authentication Protocol	PAP
Secondary RADIUS Server	
Server IP	<input type="text"/>
Authentication Port	<input type="text"/>
Accounting Port	<input type="text"/>
Secret Key	<input type="text"/>
Accounting Service	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Authentication Protocol	CHAP

- **802.1X Authentication:** Enable this function and the hyperlink of **Radius Client List** will appear. Click the hyperlink to get into the Radius Client Configuration list for further configuration. In the **Radius Client Configuration** table, the clients, which are using 802.1X as the authentication method, shall be put into this table. W1310R will forward the authentication request from these clients to the configured Radius Servers.

Radius Client Configuration				
No.	Type	IP Address	Segment	Secret
1	802.1x ▼	192.168.1.0	255.255.255.0 (/24) ▼	12345678
2	Disable ▼		255.255.255.255 (/32) ▼	
3	Disable ▼		255.255.255.255 (/32) ▼	
4	Disable ▼		255.255.255.255 (/32) ▼	
5	Disable ▼		255.255.255.255 (/32) ▼	
6	Disable ▼		255.255.255.255 (/32) ▼	
7	Disable ▼		255.255.255.255 (/32) ▼	

- **Trans Full Name:** When enabled, the ID and postfix will be transferred to the RADIUS server for authentication. When disabled, only the ID will be transferred to RADIUS server for authentication.
- **NASID:** Enter the NASID of the W1310R for the external RADIUS authentication server.
- **Server IP:** Enter the IP address/domain name of the RADIUS server.
- **Authentication Port:** Enter the authentication port of the RADIUS server and the default value is 1812.
- **Accounting Port:** Enter the accounting port of the RADIUS server and the default value is 1813.
- **Secret Key:** Enter the key for encryption and decryption.
- **Accounting Service:** Select this to enable or disable the “**Accounting Service**” for accounting capabilities.
- **Authentication Protocol:** There are two methods, CHAP and PAP for selection.

4.2.1.4 Authentication Method – LDAP

Choose “**LDAP**” in the **Authentication Method** field, the hyperlink beside the pull-down menu will become “**LDAP Setting**”.

Authentication Server - Server 1	
Server Name	<input type="text" value="Server 1"/> *(Its server name)
Server Status	Enabled
Postfix	<input type="text" value="Postfix1"/> *(Its postfix name)
Black List	<input type="text" value="None"/>
Authentication Method	<input type="text" value="LDAP"/> LDAP Setting
Policy	<input type="text" value="Local User"/> <input type="text" value="POP3"/> <input type="text" value="Radius"/> <input type="text" value="LDAP"/>

Click the hyperlink for further configuration. Enter the related information for the primary server and/or the secondary server (the secondary server is not required). The blanks with red star are necessary information. These settings will become effective immediately after clicking the **Apply** button.

Primary LDAP Server	
Server IP	<input type="text"/> *(Domain Name/IP)
Port	<input type="text"/> *(Default:389)
Base DN	<input type="text"/> *(CN=,dc=,dc=)
Account Attribute	<input type="text"/> *(Default:uid)
Secondary LDAP Server	
Server IP	<input type="text"/>
Port	<input type="text"/>
Base DN	<input type="text"/>
Account Attribute	<input type="text"/>

- **Server IP:** Enter the IP address or domain name of the LDAP server.
- **Port:** Enter the Port of the LDAP server, and the default value is 389.
- **Base DN:** Enter the distinguished name of the LDAP server.
- **Account Attribute:** Enter the account attribute of the LDAP server.

4.2.1.5 Authentication Method – NTDomain

Choose “NTDomain” in the **Authentication Method** field, the hyperlink beside the pull-down menu will become “NTDomain Setting”.

Authentication Server - Server 1	
Server Name	Server 1 <small>*(Its server name)</small>
Server Status	Enabled
Postfix	Postfix1 <small>*(Its postfix name)</small>
Black List	None
Authentication Method	NTDomain NT Domain Setting
Policy	

Apply Clear

Click the hyperlink for further configuration. Enter the server IP address and enable/disable the transparent login function. These settings will become effective immediately after clicking the **Apply** button.

Domain Controller	
Server IP address	<input type="text"/> *
Transparent Login	<input checked="" type="radio"/> Enable <input type="radio"/> Disable

- **Server IP address:** Enter the server IP address of the domain controller.
- **Transparent Login:** If the function is enabled, users will log into W1310R automatically when they log into the Windows domain.

4.2.2 Black List Configuration

The administrator can add, delete, or edit the black list for user access control. Each black list can include 40 users at most. If a user in the black list wants to log into the system, the user's access will be denied. The administrator can use the pull-down menu to select the desired black list.

Black List Configuration		
Select Black List: 1:Blacklist1 <input type="button" value="v"/>		
Name	<input type="text" value="Blacklist1"/>	
User	Remark	<input type="button" value="Delete"/>

(Total:0) [First](#) [Prev](#) [Next](#) [Last](#)

[Add User to List](#)

- **Select Black List:** There are 5 lists to select from for the desired black list.
- **Name:** Set the black list name and it will show on the pull-down menu above.
- **Add User to List:** Click the hyperlink to add users to the selected black list.

Add Users to Blacklist Blacklist 1		
No	Username	Remark
1	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>
9	<input type="text"/>	<input type="text"/>
10	<input type="text"/>	<input type="text"/>

After entering the usernames in the “**Username**” blanks and the related information in the “**Remark**” blank (not required).

Add Users to Blacklist Blacklist1		
Item	Username	Remark
1	<input type="text" value="John"/>	<input type="text" value="computer hacker"/>
2	<input type="text" value="Nancy"/>	<input type="text"/>
3	<input type="text" value="Kaleen"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>


Click **Apply** to add the users.

User 'John' has been added!
User 'Nancy' has been added!
User 'Kaleen' has been added!

 **Add Users to Blacklist**

Add Users to Blacklist Blacklist1		
Item	Username	Remark
1	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>

If removing a user from the black list is desired, select the user's **“Delete”** check box and then click the **Delete** button to remove that user from the black list.

Black List Configuration		
Select Black List: <input type="text" value="1:Blacklist1"/> 		
Name	<input type="text" value="Blacklist1"/>	
User	Remark	<input type="button" value="Delete"/>
John	computer hacker	<input type="checkbox"/>
Nancy		<input type="checkbox"/>
Kaleen		<input checked="" type="checkbox"/>

(Total:3) [First](#) [Prev](#) [Next](#) [Last](#)

[Add User to List](#)

4.2.3 Policy Configuration

Every Policy has three profiles, **Firewall Profile**, **Specific Route Profile**, and **Schedule Profile** as well as one **Bandwidth** setting for that policy.

Policy Configuration	
Policy A ▾	
Firewall Profile	Setting
Specific Route Profile	Setting
Schedule Profile	Setting
Bandwidth	Unlimited ▾

- Firewall Profile**

Click the hyperlink of **Setting** for **Firewall Profile**, the Firewall Profiles list will appear. Click the numbers of **Filter Rule Item** to edit individual rules and click **Apply** to save the settings. The rule status will show on the list. Check “**Active**” to enable that rule.

Profile Name:

Firewall Profiles						
Filter Rule Item	Active	Action	Name	Source	Protocol	MAC
				Destination		
1	<input type="checkbox"/>	Block		ANY	ALL	
				ANY		
2	<input type="checkbox"/>	Block		ANY	ALL	
				ANY		
3	<input type="checkbox"/>	Block		ANY	ALL	
				ANY		
4	<input type="checkbox"/>	Block		ANY	ALL	
				ANY		
5	<input type="checkbox"/>	Block		ANY	ALL	
				ANY		

Edit Filter Rule					
Rule Item: 1					
Rule Name: <input type="text"/>				<input type="checkbox"/> Enable this Rule	
Action : <input type="text" value="Block"/>			Protocol <input type="text" value="ALL"/>		
Source MAC Address: <input type="text"/>				(For Specific MAC Address Filter)	
	Interface	IP	Subnet Mask	Start Port	End Port
Source	<input type="text" value="ALL"/>	<input type="text"/>	<input type="text" value="255.255.255.255 (/32)"/>	<input type="text"/>	<input type="text"/>
Destination	<input type="text" value="ALL"/>	<input type="text"/>	<input type="text" value="255.255.255.255 (/32)"/>	<input type="text"/>	<input type="text"/>

Rule Item: This is the rule selected.

Rule Name: The rule name can be changed here.

Enable this Rule: After checking this function, the rule will be enabled.

Action: There are two options, **Block** and **Pass**. **Block** is to prevent packets from passing and **Pass** is to permit packets passing.

Protocol: There are three protocols to select, **TCP**, **UDP** and **ICMP**, or choose **ALL** to use all three protocols.

Source MAC Address: The MAC address of the source IP address. This is for specific MAC address filter.

Source/Destination Interface: There are five interfaces to choose, **ALL**, **WAN**, **Wireless**, **Public LAN (LAN1/LAN2)** and **Private LAN (LAN3/LAN4)**.

Source/Destination IP: Enter the source and destination IP addresses.

Source/Destination Subnet Mask: Enter the source and destination subnet masks.

Source/Destination Start/End Port: Enter the range of source and destination ports.

- **Specific Route Profile**

Click the hyperlink of **Setting** for **Specific Route Profile**, the Specific Route Profile list will appear.

Profile Name:

Specific Route Profile				
Route Item	Destination		Gateway	Default
	IP Address	Subnet Netmask	IP Address	
1	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>
2	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>
3	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>
4	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>
5	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>
6	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>
7	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>
8	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>
9	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>
10	<input type="text"/>	255.255.255.255 (/32) ▾	<input type="text"/>	<input type="checkbox"/>

Profile Name: The profile name can be changed here.

IP Address: The destination IP address of the host or the network.

Subnet Netmask: Select a destination subnet netmask of the host or the network.

IP Address: The IP address of the next router to the destination.

Default: Check this option to apply the default value.

- **Schedule Profile**

Click the hyperlink of **Setting** for **Schedule Profile** to enter the Schedule Profile list. Select “**Enable**” to show the list. This function is used to restrict the time the users can log in. Please enable/disable the desired time slot and click **Apply** to save the settings. These settings will become effective immediately after clicking the **Apply** button.

Profile Name: Enable Disable

Profile Name: Enable Disable

Login Schedule Profile							
HOUR	SUN	MON	TUE	WED	THU	FRI	SAT
0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

- Bandwidth**

Choose one bandwidth limit for that particular policy.

Policy Configuration	
Policy A ▾	
Firewall Profile	Setting
Specific Route Profile	Setting
Schedule Profile	Setting
Bandwidth	Unlimited ▾ Unlimited 16 Kbps 32 Kbps 64 Kbps 128 Kbps 256 Kbps 512 Kbps 1 Mbps 2 Mbps 3 Mbps 5 Mbps

Apply Clear

4.2.4 Guest User Configuration

This function can permit guests to log into the system. Select “**Enable Guest User**” and click **Apply** to save the settings.

- **Guest User List:** W1310R offers 10 guest users for log in. To activate a guest user, just enter the password in the corresponding “**Password**” text field for that guest account. Guest accounts with blank password will not be activated.

Guest Users List		
Item	Username	Password
1	guest1	13RD69
2	guest2	q7800FT
3	guest3	
4	guest4	
5	guest5	
6	quest6	

- **Policy:** Select one policy to apply to.
- **Session Length:** This restricts the connection time of the guest users. The default session length is 6 hours and the available session time ranges from 1 to 12 hours or unlimited.
- **Idle Timer:** If a guest user has been idled with no network activities at all, the system will automatically kick out the user. The Idle timer can be set in the range of 1~1440 minutes, and the default idle timer is 10 minutes.

4.2.5 Additional Configuration

Additional Configuration	
User Control	Idle Timer: <input type="text" value="10"/> minutes <small>*(Range: 1-1440)</small> Multiple Login <input type="checkbox"/> <small>(On-demand and RADIUS authentication do NOT support multiple login.)</small> Friendly Logout <input checked="" type="checkbox"/>
Internet Connection Detection	http:// <input type="text"/>
Upload File	Certificate Login Page Logout Page Login Succeed Page Login Succeed Page for On-Demand Logout Succeed Page
Credit Reminder	Volume <input type="radio"/> Enabled <input checked="" type="radio"/> Disable Time <input type="radio"/> Enabled <input checked="" type="radio"/> Disable
POP3 Message	Edit Mail Message
Enhance User Authenticate	Permit MAC Address List

- **User Control:** Functions under this section applies for all general users.
- **Idle Timer:** If a user has been idled with no network activities at all, the system will automatically kick out the user. The Idle timer can be set in the range of 1~1440 minutes, and the default Idle timer is 10 minutes.
- **Multiple Login:** When enabled, a user can log in from different computers with the same account. (This function doesn't support On-demand users and RADIUS authentication method.)
- **Friendly Logout:** When a user logs into the system, a small window will appear to show the user's information and there is a logout button for users to logout. If enabled. When the users try to close the small window, there will be a new popup window to confirm the action in case the users close the login succeed page by accident.
- **Internet Connection Detection:** Enter a specific URL or IP address and W1310R will try to detect the network connection by sending packets directly to that specific URL or IP address. If there is a problem in the connection of the WAN port of the system such that the URL or IP address specified cannot be reached, there will be a message showing that can be set in the Administrator Info in System Information section on the users' screen.

- **Upload File**

1. **Certificate:** The administrator can upload new private key and customer certification. Click the **Browse** button to select the file for the certificate upload. Then click **Submit** to complete the upload process.

The screenshot shows a web interface for uploading certificates. It is divided into two main sections. The first section is titled 'Upload Private Key' and contains a 'File Name' label, an empty text input field, and a 'Browse...' button. The second section is titled 'Upload Customer Certificate' and also contains a 'File Name' label, an empty text input field, and a 'Browse...' button. Below these two sections is a single button labeled 'Use Default Certificate'.

Click **Use Default Certificate** to use the default certificate and key.

You just overwrite with default KEY & default CA file

2. **Login Page:** The administrator can use the default login page or get the customized login page by setting the template page, uploading the page or downloading from the specific website. After finishing the setting, click **Preview** to see the login page.
 - a. Choose **Default Page** to use the default login page.

The screenshot shows a web interface for selecting a login page. It is titled 'Login Page Selection for Users'. There are four radio button options: 'Default Page' (which is selected), 'Template Page', 'Uploaded Page', and 'External Page'. Below this section is another section titled 'Default Page Setting'. It contains the text: 'This is default login page for users. You could click preview link to preview the default login page. Thanks.' and a 'Preview' link.

- b. Choose **Template Page** to make a customized login page here. Click **Select** to pick up a color and then fill in all of the blanks. Click **Preview** to see the result first.

Login Page Selection for Users	
<input type="radio"/> Default Page	<input checked="" type="radio"/> Template Page
<input type="radio"/> Uploaded Page	<input type="radio"/> External Page

Template Page Setting	
Color for Title Background	<input type="text"/> Select (RGB values in hex mode)
Color for Title Text	<input type="text"/> Select (RGB values in hex mode)
Color for Page Background	<input type="text"/> Select (RGB values in hex mode)
Color for Page Text	<input type="text"/> Select (RGB values in hex mode)
Title	<input type="text" value="User Login Page"/>
Welcome	<input type="text" value="Welcome To User Login Page"/>
Information	<input type="text" value="Please Enter Your Name and Password to Sign In"/>
Username	<input type="text" value="Username"/>
Password	<input type="text" value="Password"/>
Submit	<input type="text" value="Submit"/>
Clear	<input type="text" value="Clear"/>
Remaining	<input type="text" value="Remaining"/>
Copyright	<input type="text" value="Copyright (c)"/>
<input type="button" value="Preview"/>	

- c. Choose **Uploaded Page** to upload new login page. Click the **Browse** button to select the file for the login page upload. Then click **Submit** to complete the upload process.

Login Page Selection for Users

<input type="radio"/> Default Page	<input type="radio"/> Template Page
<input checked="" type="radio"/> Uploaded Page	<input type="radio"/> External Page

Uploaded Page Setting

File Name	<input type="text"/>	<input type="button" value="Browse..."/>
<input type="button" value="Submit"/>		

Existing Image Files:

Total Capacity: 512 K
Now Used: 0 K

Upload Image Files

Upload Images	<input type="text"/>	<input type="button" value="Browse..."/>
<input type="button" value="Submit"/>		
Preview		

After the upload process is completed, the new login page can be previewed by clicking **Preview** button at the bottom.

User Login Page

Welcome To User Login Page!

Please Enter Your User Name and Password To Sign In .

User Name:	<input style="width: 100%;" type="text"/>
Password:	<input style="width: 100%;" type="password"/>

<input type="button" value="✓ Submit"/>	<input type="button" value="✓ Clear"/>	<input type="button" value="✓ Remaining"/>
---	--	--

[Click here to purchase by Credit Card Online.](#)

The user-defined login page must include the following HTML codes to provide the necessary fields for username and password.

```
<form action="us erlogin.shtml" method="post" name="Enter">
<input type="text" name="myus ername">
<input type="password" name="mypassword">
<input type="submit" name="submit" value="Enter">
<input type="reset" name="clear" value="Clear">
</form>
```

If the user-defined login page includes an image file, the image file path in the HTML code must be the image file to be uploaded.

```

```

Then, enter or browse the filename of the images to upload in the **Upload Images** field on the **Upload Images Files** page and then click **Submit**. The system will show the used space and the maximum size of the image file of 512K. If the administrator wishes to restore the factory default of the login page, click the **Use Default Page** button to restore it to default.

After the image file is uploaded, the file name will show on the **Existing Image Files** field. Check the file and click **Delete** to delete the file.

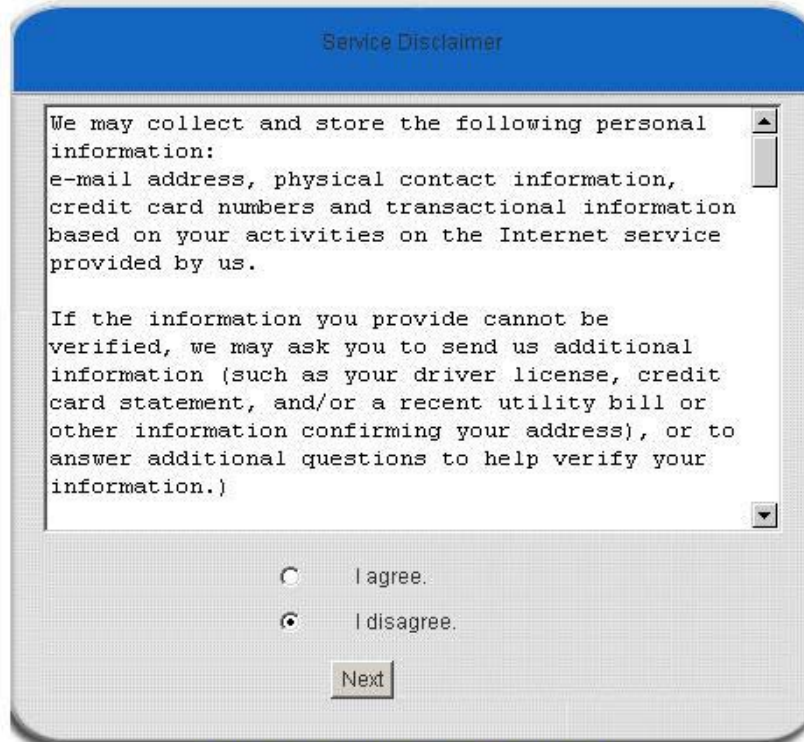
In W1310R, the end user first gets a login page when she/he opens its web browser right after associating with an access point. However, in some situations, the hotspot owners or MIS staff may want to display “terms of use” or announcement information before the login page. Hotspot owners or MIS staff can design a new disclaimer/announcement page and save the page in their local server. After the agreement shown on the page is read, users are asked whether they agree or disagree with the disclaimer. By clicking I agree, users are able to log in. If users choose to decline, they will get a popup window saying they are unable to log in. The basic design is to have the disclaimer and login function in the same page but with the login function hidden until users agree with the disclaimer.

For more details about the codes of the disclaimer, please refer to Appendix E.

If the page is successfully loaded, an **upload success** page will show up.



“Preview” can be clicked to see the uploaded page.



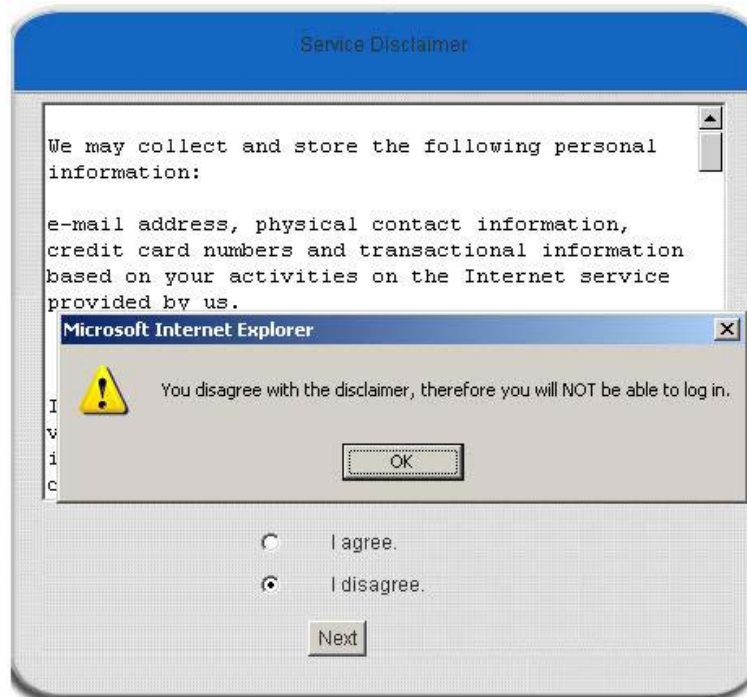
[Click here to purchase by Credit Card Online.](#)

If user checks “I agree” and clicks **Next**, then he/she is prompted to fill in the login name and password.



[Click here to purchase by Credit Card Online.](#)

If user checks “**I disagree**” and clicks **Next**, a window will pop up to tell user that he/she cannot log in



- d. Choose the **External Page** selection and get the login page from the specific website. Enter the website address in the “**External Page Setting**” field and then click **Apply**.

Login Page Selection for Users	
<input type="radio"/> Default Page	<input type="radio"/> Template Page
<input type="radio"/> Uploaded Page	<input checked="" type="radio"/> External Page

External Page Setting	
External URL :	<input type="text" value="http://"/>
<input type="button" value="Preview"/>	

The **External Page** prepared to be loaded here needs to have the following code as well to let the system work properly

```
<form action="userlogin.shtml" method="post" name="Enter">
<input type="text" name="myusername">
<input type="password" name="mypassword">
<input type="submit" name="submit" value="Enter">
<input type="reset" name="clear" value="Clear">
</form>
```

After applying the setting, the new login page can be previewed by clicking **Preview** button at the bottom of this page.



3. **Logout Page:** The users can apply their own logout page here. The process is similar to that of Logout Page.

Upload Logout Page

File Name

Existing Image Files :

Total Capacity: 512 K
Now Used: 0 K

Upload Image Files

Upload Images

[Preview](#)

The different part is the HTML code of the user-defined logout interface must include the following HTML code that the user can enter the username and password. After the upload is completed, the user-defined

login user interface can be previewed by clicking **Preview** at the bottom of this page. If want to restore the factory default setting of the logout interface, click the **“Use Default Page”** button.

4. **Login Succeed Page:** The administrator can use the default login succeed page or get the customized login succeed page by setting the template page, uploading the page or downloading from the specific website. After finishing the setting, click **Preview** to see the login succeed page.
 - a. Choose **Default Page** to use the default login succeed page.

Login Succeed Page Selection for Users

Default Page

Template Page

Uploaded Page

External Page

Default Page Setting

This is default succeed login page for users.

You could click preview link to preview the default succeed login page.

Thanks.

[Preview](#)

- b. Choose **Template Page** to make a customized login succeed page here. Click **Select** to pick up a color and then fill in all of the blanks. Click **Preview** to see the result first.

Login Succeed Page Selection for Users

Default Page

Template Page

Uploaded Page

External Page

Template Page Setting

Color for Title Background	<input type="text"/> Select (RGB values in hex mode)
Color for Title Text	<input type="text"/> Select (RGB values in hex mode)
Color for Page Background	<input type="text"/> Select (RGB values in hex mode)
Color for Page Text	<input type="text"/> Select (RGB values in hex mode)
Title	<input type="text" value="Login Succeed Page"/>
Welcome	<input type="text" value="Hello"/>
Information	<input type="text" value="Please click this button to"/>
Logout	<input type="text" value="Logout"/>
Information2	<input type="text" value="Thank you"/>
Login Time	<input type="text" value="Login Time"/>

- c. Choose **Uploaded Page** and upload the login succeed page. Click the **Browse** button to select the file for the login succeed page upload. Then click **Submit** to complete the upload process.

Login Succeed Page Selection for Users	
<input type="radio"/> Default Page	<input type="radio"/> Template Page
<input checked="" type="radio"/> Uploaded Page	<input type="radio"/> External Page

Uploaded Page Setting	
File Name	<input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Submit"/>	

Existing Image Files:								
<p>Total Capacity: 512 K Now Used: 0 K</p> <table border="1"> <thead> <tr> <th colspan="2">Upload Image Files</th> </tr> </thead> <tbody> <tr> <td>Upload Images</td> <td><input type="text"/> <input type="button" value="Browse..."/></td> </tr> <tr> <td colspan="2" style="text-align: center;"><input type="button" value="Submit"/></td> </tr> <tr> <td colspan="2" style="text-align: center;">Preview</td> </tr> </tbody> </table>	Upload Image Files		Upload Images	<input type="text"/> <input type="button" value="Browse..."/>	<input type="button" value="Submit"/>		Preview	
Upload Image Files								
Upload Images	<input type="text"/> <input type="button" value="Browse..."/>							
<input type="button" value="Submit"/>								
Preview								

After the upload process is completed, the new login succeed page can be previewed by clicking **Preview** button at the bottom.

Enter or browse the filename of the images to upload in the **Upload Images** field on the **Upload Images Files** page and then click **Submit**. The system will show the used space and the maximum size of the image file of 512K. If the administrator wishes to restore the factory default of the login succeed page, click the **Use Default Page** button to restore it to default.

<p>Total Capacity: 512 K Now Used: 0 K</p> <table border="1"> <thead> <tr> <th colspan="2">Upload Image Files</th> </tr> </thead> <tbody> <tr> <td>Upload Images</td> <td><input type="text"/> <input type="button" value="Browse..."/></td> </tr> <tr> <td colspan="2" style="text-align: center;"><input type="button" value="Submit"/></td> </tr> </tbody> </table>	Upload Image Files		Upload Images	<input type="text"/> <input type="button" value="Browse..."/>	<input type="button" value="Submit"/>	
Upload Image Files						
Upload Images	<input type="text"/> <input type="button" value="Browse..."/>					
<input type="button" value="Submit"/>						

After the image file is uploaded, the file name will show on the “**Existing Image Files**” field. Check the file and click **Delete** to delete the file.

Existing Image Files :
<p>1102474548_732cn.gif <input type="checkbox"/></p> <p style="text-align: center;"><input type="button" value="Delete"/></p>

d. Choose the **External Page** selection and get the login succeed page from the specific website. Enter

the website address in the “**External Page Setting**” field and then click **Apply**. After applying the setting, the new login succeed page can be previewed by clicking **Preview** button at the bottom of this page.

The screenshot shows two sections of a web interface. The top section, titled "Login Succeed Page Selection for Users", contains four radio button options: "Default Page", "Template Page", "Uploaded Page", and "External Page". The "External Page" option is selected. The bottom section, titled "External Page Setting", features a text input field labeled "External URL :" and a "Preview" button below it.

5. **Login Succeed Page for On-Demand:** The administrator can use the default login succeed page for On-Demand or get the customized login succeed page for On-Demand by setting the template page, uploading the page or downloading from the specific website. After finishing the setting, click **Preview** to see the login succeed page for On-Demand.

a. Choose **Default Page** to use the default login succeed page for On-Demand.

The screenshot shows two sections of a web interface. The top section, titled "Login Succeed Page Selection for on-demand Users", contains four radio button options: "Default Page", "Template Page", "Uploaded Page", and "External Page". The "Default Page" option is selected. The bottom section, titled "Default Page Setting", displays a message: "This is default succeed login page for on-demand users. You could click preview link to preview the default succeed login page. Thanks." Below the message is a "Preview" button.

b. Choose **Template Page** to make a customized login succeed page for On-Demand here. Click **Select** to pick up a color and then fill in all of the blanks. Click **Preview** to see the result first.

Login Succeed Page Selection for on-demand Users	
<input type="radio"/> Default Page	<input checked="" type="radio"/> Template Page
<input type="radio"/> Uploaded Page	<input type="radio"/> External Page

Template Page Setting	
Color for Title Background	<input type="text"/> Select (RGB values in hex mode)
Color for Title Text	<input type="text"/> Select (RGB values in hex mode)
Color for Page Background	<input type="text"/> Select (RGB values in hex mode)
Color for Page Text	<input type="text"/> Select (RGB values in hex mode)
Title	<input type="text" value="Login Succeed Page for on-demand"/>
Welcome	<input type="text" value="Welcome"/>
Information	<input type="text" value="Please click this button to"/>
Logout	<input type="text" value="Logout"/>
Information2	<input type="text" value="Thank you"/>
Remaining Usage	<input type="text" value="Remaining Usage"/>
Day	<input type="text" value="Day"/>
Hour	<input type="text" value="Hour"/>
Min	<input type="text" value="Min"/>
Sec	<input type="text" value="Sec"/>
Login Time	<input type="text" value="Login Time"/>
Redeem	<input type="text" value="Redeem"/>
<input type="button" value="Preview"/>	

- c. Choose **Uploaded Page** and click the **Browse** button to select the file for the login succeed page for On-Demand upload. Then click **Submit** to complete the upload process.

Login Succeed Page Selection for on-demand Users	
<input type="radio"/> Default Page	<input type="radio"/> Template Page
<input checked="" type="radio"/> Uploaded Page	<input type="radio"/> External Page

Upload Login Succeed Page for on-demand	
File Name	<input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Submit"/>	

Existing Image Files:
<p>Total Capacity: 512 K Now Used: 0 K</p>
Upload Image Files
Upload Images <input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Submit"/>
Preview

After the upload process is completed, the new login succeed page for On-Demand can be previewed by clicking **Preview** button at the bottom.

If the user-defined login succeed page for On-Demand includes an image file, the image file path in the HTML code must be the image file to be uploaded.

Enter or browse the filename of the images to upload in the **Upload Images** field on the **Upload Images Files** page and then click **Submit**. The system will show the used space and the maximum size of the image file of 512K. If the administrator wishes to restore the factory default of the login succeed page for On-Demand, click the **Use Default Page** button to restore it to default.

<p>Total Capacity: 512 K Now Used: 0 K</p>
Upload Image Files
Upload Images <input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Submit"/>

After the image file is uploaded, the file name will show on the **"Existing Image Files"** field. Check the file and click **Delete** to delete the file.

Existing Image Files :	
1102474548_732cn.gif <input type="checkbox"/>	<input type="button" value="Delete"/>

- d. Choose the **External Page** selection and get the login succeed page for On-Demand from the specific website. Enter the website address in the “**External Page Setting**” field and then click **Apply**. After applying the setting, the new login succeed page for On-Demand can be previewed by clicking **Preview** button at the bottom of this page.

Login Succeed Page Selection for on-demand Users	
<input type="radio"/> Default Page	<input type="radio"/> Template Page
<input type="radio"/> Uploaded Page	<input checked="" type="radio"/> External Page

External Page Setting	
External URL:	<input type="text"/>
<input type="button" value="Preview"/>	

6. **Logout Succeed Page:** The administrator can use the default logout succeed page or get the customized login succeed page by setting the template page, uploading the page or downloading from the specific website. After finishing the setting, click **Preview** to see the logout succeed page.
- a. Choose **Default Page** to use the default logout succeed page.

Logout Succeed Page Selection for Users	
<input checked="" type="radio"/> Default Page	<input type="radio"/> Template Page
<input type="radio"/> Uploaded Page	<input type="radio"/> External Page

Default Page Setting	
<p>This is default logout succeed page for users. You could click preview link to preview the default logout succeed page. Thanks.</p>	
Preview	

- b. Choose **Template Page** to make a customized logout succeed page here. Click **Select** to pick up a color and then fill in all of the blanks. Click **Preview** to see the result first.

Logout Succeed Page Selection for Users	
<input type="radio"/> Default Page	<input checked="" type="radio"/> Template Page
<input type="radio"/> Uploaded Page	<input type="radio"/> External Page

Template Page Setting	
Color for Title Background	<input type="text"/> Select (RGB values in hex mode)
Color for Title Text	<input type="text"/> Select (RGB values in hex mode)
Color for Page Background	<input type="text"/> Select (RGB values in hex mode)
Color for Page Text	<input type="text"/> Select (RGB values in hex mode)
Title	<input type="text" value="Logout Succeed Page"/>
Information	<input type="text" value="Logout successfully"/>
<input type="button" value="Preview"/>	

- c. Choose **Uploaded Page** and click the **Browse** button to select the file for the logout succeed page upload. Then click **Submit** to complete the upload process.

Logout Succeed Page Selection for Users	
<input type="radio"/> Default Page	<input type="radio"/> Template Page
<input checked="" type="radio"/> Uploaded Page	<input type="radio"/> External Page

Upload Logout Succeed Page	
File Name	<input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Submit"/> <input type="button" value="Use Default Page"/>	

Existing Image Files:

Total Capacity: 512 K
Now Used: 0 K

Upload Image Files	
Upload Images	<input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Submit"/>	
Preview	

After the upload process is completed, the new logout succeed page can be previewed by clicking **Preview** button at the bottom.

If the user-defined logout succeed page includes an image file, the image file path in the HTML code must be the image file to be uploaded.

``

Enter or browse the filename of the images to upload in the **Upload Images** field on the **Upload Images Files** page and then click **Submit**. The system will show the used space and the maximum size of the image file of 512K. If the administrator wishes to restore the factory default of the login succeed page, click the **Use Default Page** button to restore it to default.

Total Capacity: 512 K
Now Used: 0 K

Upload Image Files

Upload Images Browse...

Submit

After the image file is uploaded, the file name will show on the **Existing Image Files** field. Check the file and click **Delete** to delete the file.

Existing Image Files :

1102474548_732cn.gif

Delete

- d. Choose the **External Page** selection and get the logout succeed page from the specific website. Enter the website address in the **External Page Setting** field and then click **Apply**. After applying the setting, the new logout succeed page can be previewed by clicking **Preview** button at the bottom of this page.

Logout Succeed Page Selection for Users

Default Page Template Page

Uploaded Page External Page

External Page Setting

External URL:

Preview