

UNIBOX

An Intelligent Network Controller

Knowledge Base:

Billing Module



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Applicable Products

The administration guide applies to the following products –

- Unibox U-50
- UniBox U-100
- UniBox U-200
- UniBox U-500
- UniBox U-1000

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1) How to configure billing gateway in Unibox?

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to Admin section under billing TAB.
- ✓ First we need to configure payment gateway.
- ✓ Click on “gateway configuration from left pane.
- ✓ Select payment gateway from drop down list.
- ✓ **Authorize.net configuration:**

 **Billing :: Payment Gateway**

Payment Gateway Configuration

Select Payment Gateway *	Authorize.Net ▾
Merchant ID*	cnpdev1373
PIN Code/Password *
Confirm PIN Code/Password*
Test Mode	<input type="checkbox"/>
	<input type="button" value="Submit"/> <input type="button" value="Delete"/>

- Enter your merchant ID.
- Enter Pin code/password. Re-Enter pincode/password.
- If you want to test gateway then tick the test mode check box.
- Click on submit to save configuration changes.
- If you want to delete Authorize.net payment gateways then click on delete.

- ✓ **PayPal gateway configuration:**

Billing :: Payment Gateway

Payment Gateway Configuration

Select Payment Gateway *	PayPal.Std ▾
Paypal ID *	294653788
Transaction Currency	U.S. Dollar ▾
<input type="button" value="Submit"/>	

Public IP and IPN Status

Public IP	<input type="button" value="Check"/>
IPN Status	<input type="button" value="Check"/>

- Select payment gateway as PayPal from drop down list.
- Enter PayPal ID.
- Select transaction currency from drop down list.
- Click on submit to save settings.

2) How to set billing configuration in Unibox?

Billing :: Billing Configuration

Billing Configuration


From Billing Email *	admin@wifi-sof.com
Manager Name	Dipak
Manager Phone	8888888888
Notify Registrations	<input checked="" type="checkbox"/>
New Registration Emails	as@wifi.com
Daily Signup Emails	admin@unibox.com
Signup Receipt Template	Select ▾
<input type="button" value="Submit"/>	

- ✓ Open unibox dashboard in web browser.


- ✓ Navigate to Admin section under billing TAB.
- ✓ Click on “billing configurations” option from left pane.
- ✓ Enter mail ID from billing mails will be send.
- ✓ Enter manager name.
- ✓ Enter manager phone.
- ✓ Tick check box if you want to start notifications via e-mails.
- ✓ Enter mail ID’s for new registration emails and for daily signup Emails.
- ✓ Select signup receipt template from drop down list.
- ✓ Click on submit to save configuration changes.

3) How to create billing plans in Unibox?


- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to plans section under billing TAB.

 Billing :: List Plans



Search Plans								
Plan Name :		Plan Type :		Plan Fee :		SEARCH 		
<input type="text"/>		Select		<				
#	Plan Name	Plan Fee (USD)	Plan Type	Plan Id	Description	Time Period	Validity	Bandwidth Usage
1	plan1	12	Fixed Time	1	-	12 Minutes	12 Minutes	-
2	Fixed time 1Hr	1	Fixed Time	2	-	1 Hour	1 Hour	-
3	E1	10	Fixed Time	3	-	1 Month	1 Month	-
4	T1	20	Time Usage	4	-	30 Days	2 Months	-
5	B1	30	Bandwidth Usage	5	-	-	2 Months	1GB


- ✓ Click on New Plan option from left pane to create new plan.
- ✓ Select plan type from drop down list.
- ✓ Fixed time Plan:

 Billing :: New Plan

Plan Information

Plan Type *	Fixed Time
Plan Name *	Fixed day plan
Plan Fee (USD) *	100
User Group*	Activity
Time Period *	4 Hours
Description	
Upload Speed	2 Mbps
Download Speed	2 Mbps
<input type="button" value="Submit"/>	


- Enter plan name, Plan fee, User group for which plan will be activated.
 - Mention time period restriction for the plan.
 - Enter description, give upload and download speed limit.
 - Click on submit to create Fixed time plan.
- ✓ Time Usage Plan:

 Billing :: New Plan

Plan Information

Plan Type *	Time Usage
Plan Name *	Fixed time plan
Plan Fee (USD) *	100
User Group*	default
Usage Time *	10 Hours
Validity *	Expires After 1 Days
Description	
Upload Speed	2 Mbps
Download Speed	2 Mbps
<input type="button" value="Submit"/>	

- Enter plan name, Plan fee, User group for which plan will be activated.
 - Mention usage time and validity period for the time usage plan.
 - Enter description, give upload and download speed limit.
 - Click on submit to create time usage plan.
- ✓ Bandwidth Usage Plan:

 **Billing :: New Plan**

Plan Information

Plan Type *	<input type="text" value="Bandwidth Usage"/>
Plan Name *	<input type="text" value="Fixed time plan"/>
Plan Fee (USD) *	<input type="text" value="100"/>
User Group*	<input type="text" value="default"/>
Bandwidth Limit *	<input type="text" value="1000"/> <input type="text" value="MB"/>
Validity *	Expires After <input type="text" value="1"/> <input type="text" value="Days"/>
Description	<input type="text"/>
Upload Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
Download Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
<input type="button" value="Submit"/>	

- Enter plan name, Plan fee, User group for which plan will be activated.
- Mention bandwidth limit and validity period for the time usage plan.
- Enter description, give upload and download speed limit.
- Click on submit to create bandwidth usage plan.

4) How to create prepaid batch in Unibox?

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.

- ✓ Click on create new prepaid batch from left pane to create new prepaid batch.
- ✓ Mention new prepaid batch name.
- ✓ Select user group from drop down list.
- ✓ Mention number of codes in new prepaid batch.
- ✓ Mention Per code amount.
- ✓ Enter upload, download speed.
- ✓ Idle timeout and sessions.
- ✓ Mention number of devices can use single prepaid code in clients in text box.
- ✓ Select restrictions based on usage time or Bandwidth Usage.
- ✓ Usage Time:



Billing :: New Prepaid Batch


Prepaid Information

Prepaid Batch Name*	<input type="text" value="conference"/>
User Group*	<input type="text" value="grp3"/>
Number of Codes*	<input type="text" value="100"/>
Per Code Amount (USD) *	<input type="text" value="20"/>
Upload Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
Download Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
Idle Timeout	<input type="text" value="30"/> <input type="text" value="Minutes"/>
Sessions	Use for <input type="text"/> Sessions
Clients	Use for <input type="text" value="4"/> Clients

Restrictions*

<input checked="" type="radio"/> Usage Time	
<input checked="" type="radio"/> Valid for	<input type="text" value="4"/> <input type="text" value="Hours"/>
<input type="radio"/> Use for	<input type="text"/> <input type="text" value="Minutes"/> within <input type="text"/> days
<input type="radio"/> Between	<input type="text"/> <input type="text" value="To"/> <input type="text"/>
<input type="radio"/> Bandwidth Usage	

- Valid for: Enter the amount of time and mention time unit from drop down list.
- Use for: mention Time unit that can be used within mentioned days.

 **Billing :: New Prepaid Batch**


Prepaid Information

Prepaid Batch Name*	<input type="text" value="conference"/>
User Group*	<input type="text" value="grp3"/>
Number of Codes*	<input type="text" value="100"/>
Per Code Amount (USD) *	<input type="text" value="20"/>
Upload Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
Download Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
Idle Timeout	<input type="text" value="30"/> <input type="text" value="Minutes"/>
Sessions	Use for <input type="text"/> Sessions
Clients	Use for <input type="text" value="4"/> Clients

Restrictions*

<input checked="" type="radio"/> Usage Time	
<input type="radio"/> Valid for	<input type="text"/> <input type="text" value="Minutes"/>
<input checked="" type="radio"/> Use for	<input type="text" value="2"/> <input type="text" value="Hours"/> within <input type="text" value="1"/> days
<input type="radio"/> Between	<input type="text"/> <input type="text" value="To"/> <input type="text"/>
<input type="radio"/> Bandwidth Usage	

- Between: from start to end date period.

 **Billing :: New Prepaid Batch**


Prepaid Information

Prepaid Batch Name*	<input type="text" value="conference"/>
User Group*	<input type="text" value="grp3"/>
Number of Codes*	<input type="text" value="100"/>
Per Code Amount (USD) *	<input type="text" value="20"/>
Upload Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
Download Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
Idle Timeout	<input type="text" value="30"/> <input type="text" value="Minutes"/>
Sessions	Use for <input type="text"/> Sessions
Clients	Use for <input type="text" value="4"/> Clients

Restrictions*

<input checked="" type="radio"/> Usage Time	<input type="text"/> <input type="text" value="Minutes"/>
<input type="radio"/> Valid for	
<input type="radio"/> Use for	<input type="text" value="2"/> <input type="text" value="Hours"/> within <input type="text" value="1"/> days
<input checked="" type="radio"/> Between	<input type="text" value="12 Jun 13"/> To <input type="text" value="16 Jun 13"/>
<input type="radio"/> Bandwidth Usage	

- ✓ Bandwidth Usage:

 **Billing :: New Prepaid Batch**

Prepaid Information

Prepaid Batch Name*	<input type="text" value="conference"/>
User Group*	<input type="text" value="grp3"/>
Number of Codes*	<input type="text" value="100"/>
Per Code Amount (USD) *	<input type="text" value="20"/>
Upload Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
Download Speed	<input type="text" value="2"/> <input type="text" value="Mbps"/>
Idle Timeout	<input type="text" value="30"/> <input type="text" value="Minutes"/>
Sessions	Use for <input type="text"/> Sessions
Clients	Use for <input type="text" value="4"/> Clients


Restrictions*

<input type="radio"/> Usage Time	
<input checked="" type="radio"/> Bandwidth Usage	<input type="text" value="2"/> <input type="text" value="GB"/> within <input type="text" value="2"/> days

- ✓ Valid till usage of mentioned amount of data in given days. Mention amount of data, select data unit from drop down list. Mention number of days as validity.
- ✓ Click on submit to create new prepaid batch in unibox.

5) How to customize prepaid design of prepaid cards in Unibox?

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.
- ✓ Click on customize prepaid design from left pane.


 **Billing :: Customize Prepaid Design**

Header	<input type="text" value="Welcome"/>
Footer	<input type="text" value="Thank you"/>
Logo	<input type="text"/> <input type="button" value="Choose File"/> No file chosen OR <input type="checkbox"/> Use Default
Background	<input type="text"/> <input type="button" value="Choose File"/> No file chosen OR <input type="checkbox"/> Use Default

- ✓ Enter header, footer.
- ✓ If you want to change logo then upload suitable logo image from local disk.
- ✓ If you want to use default logo then tick the check box.
- ✓ If you want to change background image then upload suitable format from local disk.
- ✓ If you want to use default background image then tick the check box.
- ✓ Click on submit to save customized changes.

6) How to edit prepaid batch?






- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.
- ✓ Click on the list prepaid batch.

 **Billing :: List Prepaid Batch** ?

Prepaid Code:

Date Used : Active Prepaid Codes :

Prepaid Code: MAC Address :

#	Batch Name	Total Codes	Used Codes	Date Created	Status	Manage Prepaid Batch
1	conference	100	-	12 Jun 2013 18:16:36	new	    

- ✓ Click on the batch name from list which you want to edit.
- ✓ Edit the settings and save the changes by clicking on update.

Billing :: Edit Prepaid Batch

Prepaid Information

Prepaid Batch Name*

User Group*

Number of Codes*

Per Code Amount (USD) *

Upload Speed

Download Speed

Idle Timeout

Sessions Use for Sessions

Clients Use for Clients

Restrictions

Usage Time

Valid for

Use for within days

Between

Bandwidth Usage within days

7) How to list prepaid codes of specific prepaid batch in Unibox?

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.

Billing :: List Prepaid Codes : conference ?

Search Prepaid Code:

Date Used :
 Active Prepaid Codes :

Prepaid Code:
 MAC Address :
SEARCH

1 2 3 ▶ M

Mark As Expired Delete

#	Prepaid Codes	Full Name	Status	Activation Date	Expiry Date	Usage Time	<input type="checkbox"/>
1	1390486683	-	new	-	-	00:00:00	<input type="checkbox"/>
2	1283411094	-	new	-	-	00:00:00	<input type="checkbox"/>
3	1042660522	-	new	-	-	00:00:00	<input type="checkbox"/>
4	1173375167	-	new	-	-	00:00:00	<input type="checkbox"/>
5	1165560334	-	new	-	-	00:00:00	<input type="checkbox"/>
6	1088721311	-	new	-	-	00:00:00	<input type="checkbox"/>
7	1323164179	-	new	-	-	00:00:00	<input type="checkbox"/>
8	1010597922	-	new	-	-	00:00:00	<input type="checkbox"/>
9	1342256492	-	new	-	-	00:00:00	<input type="checkbox"/>
10	1348190398	-	new	-	-	00:00:00	<input type="checkbox"/>

- ✓ Click on the list prepaid batch.
- ✓ Click on the batch name from list which you want to edit.
- ✓ Click on list prepaid codes option from left pane.
- ✓ Now you can see the list of codes from prepaid batch.

8) How to expire prepaid batch?

Billing :: Expire Prepaid Batch

Are you sure you want to expire Prepaid batch : **conference** ?


Expire Batch

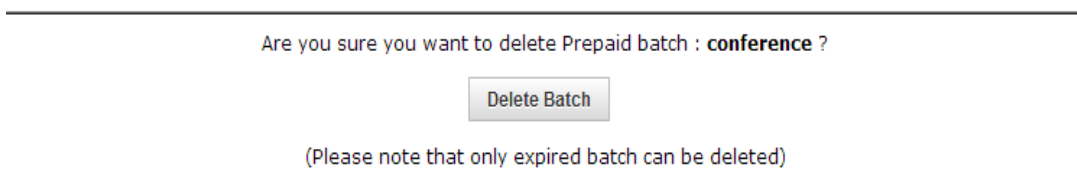
- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.
- ✓ Click on the list prepaid batch.

- ✓ Click on the batch name from list which you want to edit.
- ✓ Click on expire prepaid batch option from left pane.
- ✓ Click on confirmation button to expire prepaid batch

9) How to delete prepaid batch?

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.
- ✓ Click on the list prepaid batch.
- ✓ Click on the batch name from list which you want to edit.
- ✓ Click on the option “delete prepaid batch” option from left pane.


 Billing :: Delete Prepaid Batch ?




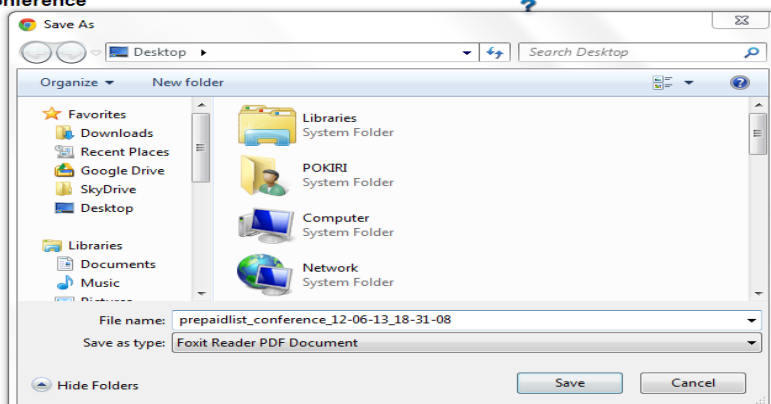
- ✓ If you want to save activity logs and summary logs before deleting batch, you can save It on your local drive.
- ✓ Click on delete confirmation to delete prepaid batch.

10) How to export prepaid batch codes?

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.
- ✓ Click on the list prepaid batch.

 Billing :: Export Prepaid Batch:conference ?


Export Prepaid Batch:  Pdf  Csv



- ✓ Click on the batch name from list which you want to edit.
- ✓ Click on “export prepaid batch” option from left pane.
- ✓ You can export prepaid codes in two file formats (Pdf and CSV)
- ✓ Click on the type of file format to download.

11) How to export activity report of specific prepaid batch?

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.
- ✓ Click on the list prepaid batch.

 **Billing :: Export Batch Report : conference** ?

Export Summary Report [Pdf\(Compact\)](#) [Csv\(Detailed\)](#)
 Export Activity Report [Pdf\(Compact\)](#) [Csv\(Detailed\)](#)

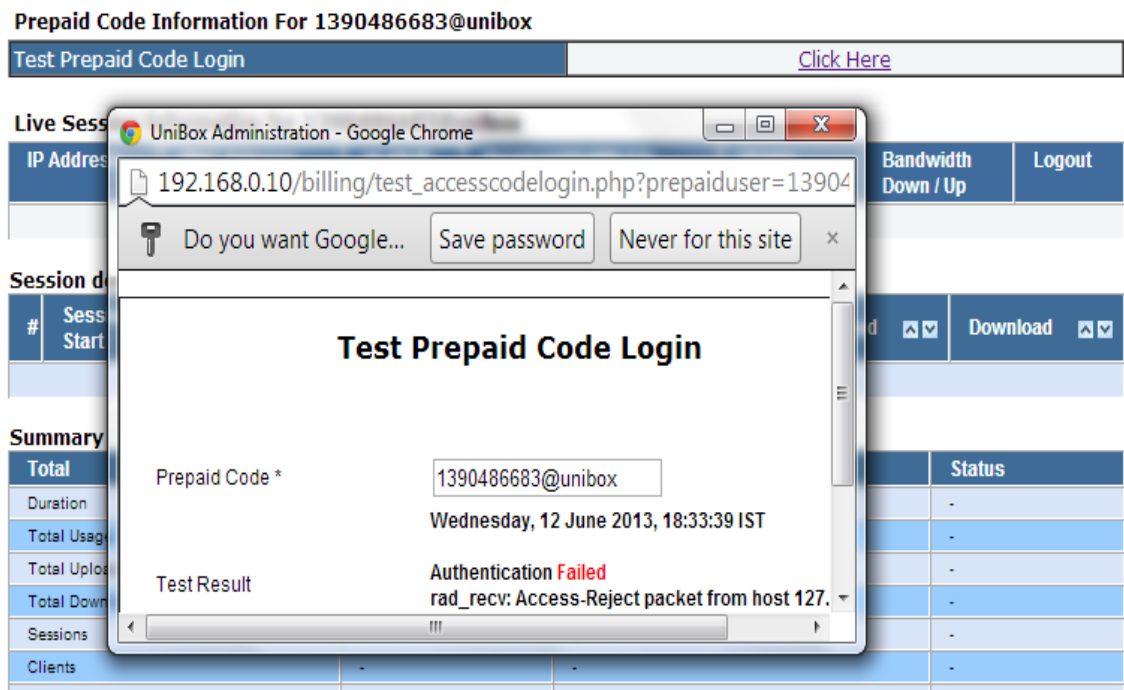
1 2 3 ▶

#	Prepaid Codes	Bandwidth	Usage Time	Activation Date	Expiry Date	Clients	Sessions
1	1390486683	-	00:00:00	12 Jun 2013 18:30:18	12 Jun 2013 18:30:18	-	-
2	1283411094	-	00:00:00	12 Jun 2013 18:30:18	12 Jun 2013 18:30:18	-	-
3	1042660522	-	00:00:00	12 Jun 2013 18:30:18	12 Jun 2013 18:30:18	-	-
4	1173375167	-	00:00:00	12 Jun 2013 18:30:18	12 Jun 2013 18:30:18	-	-
5	1165560334	-	00:00:00	12 Jun 2013 18:30:18	12 Jun 2013 18:30:18	-	-
6	1088721311	-	00:00:00	12 Jun 2013 18:30:18	12 Jun 2013 18:30:18	-	-

- ✓ Click on the batch name from list which you want to edit.
- ✓ Click on export prepaid batch report from left pane.
- ✓ Now you can download summary and activity report in pdf or csv format.

12) How to test prepaid login from unibox dashboard?


- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.
- ✓ Click on prepaid batch name.



- ✓ Click on list prepaid codes from left pane.
- ✓ Search for the prepaid code.
- ✓ Click on the prepaid code number.
- ✓ Click on “click here” option next to test prepaid code login.
- ✓ A pop up will appear, click on the test login.

13) How to check prepaid code accounting?

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.
- ✓ Click on prepaid batch name.
- ✓ Click on list prepaid codes from left pane.
- ✓ Search for the prepaid code.
- ✓ Click on the prepaid code number.

 **Billing :: Prepaid Accounting**



Prepaid Accounting Search

MAC Address: From: 12 Nov 2012  To: 19 Nov 2012  

Prepaid Accounting Information : 1242908126@unibox

#	Session Start	End Session	Duration	MAC Address	Upload	Download	End Reason
1	08 Nov 2012 10:38:52	08 Nov 2012 10:39:15	00:00:23	00-21-70-97-75-F5	49.56 KB	27.90 KB	User-Request
2	08 Nov 2012 10:35:24	08 Nov 2012 10:36:27	00:00:03	00-21-70-97-75-F5	4.45 KB	9.74 KB	User-Request
3	08 Nov 2012 13:31:47	08 Nov 2012 13:31:51	00:00:04	C8-0A-A9-0E-B1-5D	4.95 KB	10.92 KB	User-Request
4	08 Nov 2012 13:25:20	08 Nov 2012 13:26:06	00:00:45	C8-0A-A9-0E-B1-5D	49.49 KB	530.05 KB	User-Request
5	08 Nov 2012 13:22:49	08 Nov 2012 13:22:53	00:00:04	C8-0A-A9-0E-B1-5D	5.49 KB	11.74 KB	User-Request
6	08 Nov 2012	08 Nov 2012	00:00:27	C8-0A-A9-0E-B1-5D	11.02 KB	23.81 KB	User-Request

- ✓ Click on prepaid accounting option from left pane.
- ✓ Now you can view accounting details.

14) How to check authentication history of prepaid batch?

 **Billing :: Agent And Auth History**




#	User Name	Authentication Date	MAC Address	Original Url	User Agent	IP Address	Authentication Reply
1	1191182316@unibox	10 Jun 2013 17:35:07	30-85-A9-E3-31-EB	http://192.168.0.10/	Linux; Android 4.2.2; Nexus 7 Build/JDQ39 Safari 0.0	192.168.10.2	Login successful

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to prepaid section under billing TAB.
- ✓ Click on prepaid batch name.
- ✓ Click on list prepaid codes from left pane.
- ✓ Search for the prepaid code.
- ✓ Click on the prepaid code number.
- ✓ Click on agent and auth history option from left pane.

15) How to view transaction list in unibox?

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to transaction section under billing TAB.
- ✓ Click on list transactions option from left pane to view transaction details.

 **Billing :: List Transactions** ?

Search Transactions

Transaction Date : Full Name :

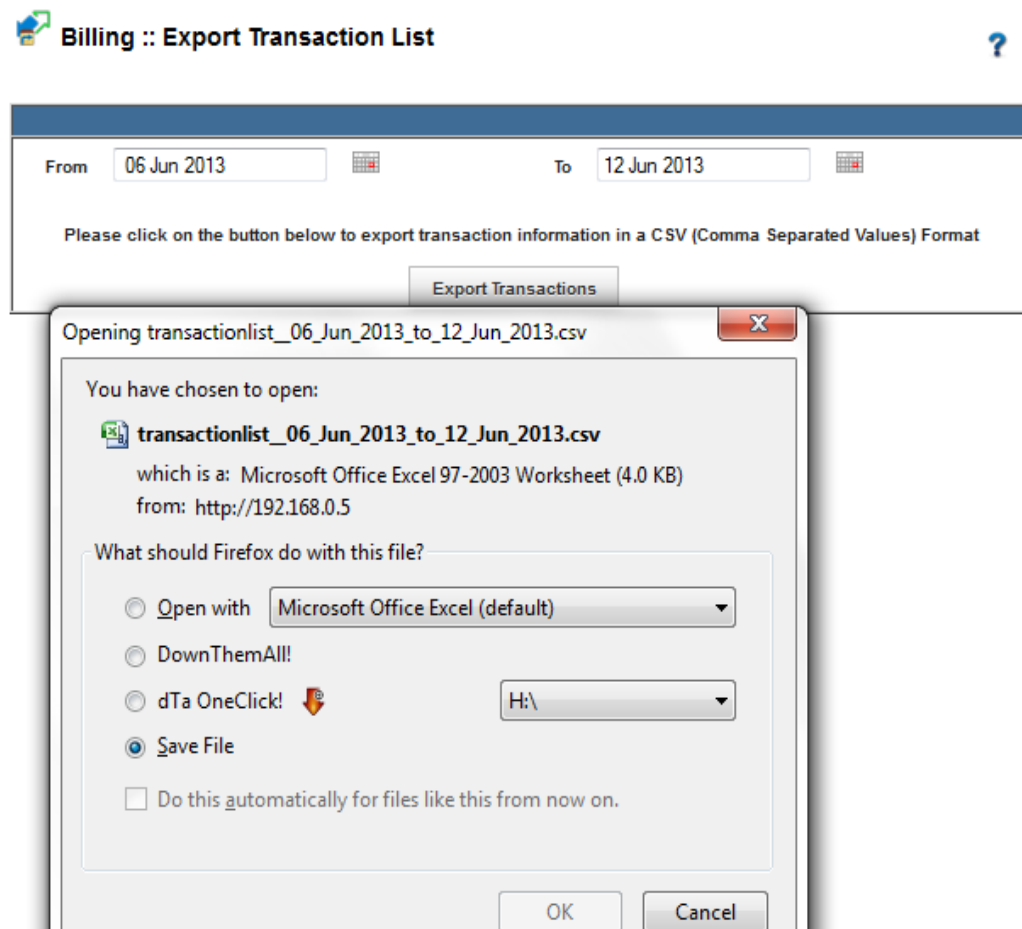
Transaction Status : Billing Plan :

#	Full Name	Username	Transaction ID	Transaction Status	Amount (USD)	Transaction Date
1	Abcdef	-	-	Error	1.00	12 Jun 2013 18:34:32
2	Sameer Shinde	Sameer@unibox	2194359559	Approved	1.00	12 Jun 2013 18:05:33
3	Sameer Shinde	-	-	-	-	12 Jun 2013 18:04:26
4	Sameer Shinde	-	-	-	-	12 Jun 2013 18:02:27
5	Nazma Khan	Nazama@unibox	2194356753	Approved	3.00	12 Jun 2013 14:54:41
6	Namrata Mane	Namrata@unibox	2194343917	Approved	1.00	12 Jun 2013 13:04:13
7	Abhinav Jadhav	Abhinav@unibox	2194343387	Approved	1.00	12 Jun 2013 12:32:06
8	Aniket sathe	Aniket@unibox	2194343336	Approved	1.00	12 Jun 2013 12:29:06
9	Aniket sathe	-	-	Error	1.00	12 Jun 2013 12:27:41
10	Nishant Shinde	Nishant@unibox	2194343075	Approved	1.00	12 Jun 2013 12:08:06

16) How to export transaction list from unibox?

- ✓ Open unibox dashboard in web browser.

- ✓ Navigate to transaction section under billing TAB.



- ✓ Click on export transactions list option from left pane.
 - ✓ Select date span and click on export transactions, save file to your local disk.
- 17) How to create new Email template in unibox?
- ✓ Open unibox dashboard in web browser.
 - ✓ Navigate to Email template section under billing TAB.
 - ✓ Click on new email template option from left pane.
 - ✓ Enter new template name, template subject.
 - ✓ Select type of holder from drop down list.

Billing :: New Email Template

New Template Information

Template Name *

Template Subject *


Place Holder

Template Text

```
<<FirstName>>
```

- ✓ Mention template text.
- ✓ Click on submit to save new template.

18) How to edit or delete email template from unibox?

 **Billing :: Edit Template**

Template Information

Template Name *

Template Subject *

Place Holder

Template Text

```
<<FirstName>><<ShortUserName>><<LastName>><<Address>>  
<<UserName>><<Password>><<Email>><<DateTime>>  
<<TotalAmount>><<ManagerName>><<ManagerPhone>>  
<<InvoiceId>><<PlanName>><<TransactionId>>
```

- ✓ Open unibox dashboard in web browser.
- ✓ Navigate to Email template section under billing TAB.
- ✓ Click on list email templates.
- ✓ Click on the name of the email template that you want to edit or delete.

 **Billing :: Delete Template**



Are you sure you want to delete the template : **Welcome** ?

Delete Template

- ✓ Click on edit template to edit to edit and Click on update to save changes made.
- ✓ Click on delete template which you want to delete from unibox.