

## ANTLABS EVENT MANAGER TECHNICAL NOTE

### I. Overview

The ANTLabs Event Manager module will allow the gateway administrator to configure time-based downstream login pages for special events and manage event related settings.

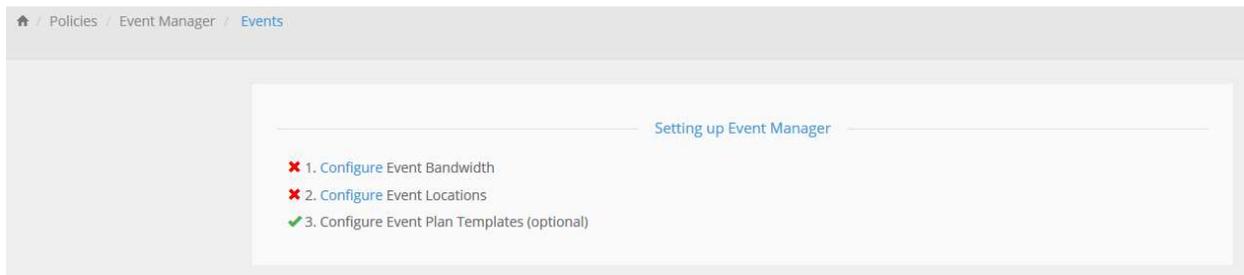
Some initial setup steps must be performed before creating and managing events: configuring Event Bandwidth and configuring Event Locations. The user can choose to configure Event Plan Templates or use the Default Plan associated with each Event.

After the initial setup, Events can be created and managed through the Calendar and Events pages.

The administrator shall also be able to view usage reports on individual events.

### II. Initial Setup

Before creating Events, Event Bandwidth and Event Locations must be configured.

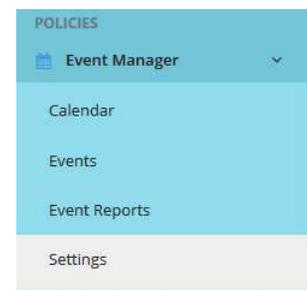


#### i. Configuring Event Bandwidth

The bandwidth used for all Events can be configured. This bandwidth is separate from Guaranteed Tier, Premium Tier, and Basic Tier classes.

To configure Event Bandwidth, click on Bandwidth under Policies.

Then click on Advanced Settings.



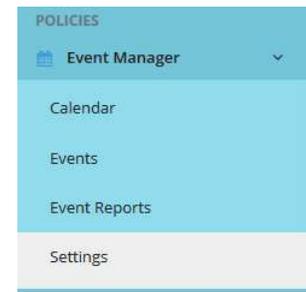
Set the bandwidth to be shared by all the Events.

## ii. Configuring Event Locations

Event Location is used to define a group of locations, with a common bandwidth and Event based landing page.

To configure Event Locations, click on Settings under Event Manager.

Then select the Event Location tab.



Click on an empty row to create an Event Location or on an existing Event Location to edit it.

Home / Policies / Event Manager / Settings

Event Location				
	Name	Included Locations	Download Bandwidth (Mbps)	Upload Bandwidth (Mbps)
<input type="checkbox"/>	Event Location 1	Location 1	10	8
<input type="checkbox"/>	2			
<input type="checkbox"/>	3			
<input type="checkbox"/>	4			
<input type="checkbox"/>	5			
<input type="checkbox"/>	6			
<input type="checkbox"/>	7			
<input type="checkbox"/>	8			
<input type="checkbox"/>	9			

Input the Event Location name, one or more locations and the assigned bandwidth for this Event Location.

Home / Policies / Event Manager / Settings

Event Location | Event Plan Template | Bandwidth

Name : Event Location 1

Included Locations : Location 1 Location 2

Bandwidth : 10 8 Mbps

Save Cancel

A total of 30 Event Locations can be created in the system.

Different Event Locations can be created by combining different Locations in the gateway.

For example, there are 2 locations (Hall 1 and Hall 2) on the premises.

The following Event Locations can be created:

<u>Event Location</u>	<u>Locations</u>
Hall 1	Hall 1
Hall 2	Hall 2
All Halls	Hall 1 and Hall 2

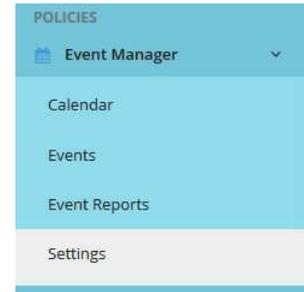
### iii. **Configuring Event Plan Templates**

Event Plan Templates are used for defining Event based plans. Once an Event Plan is created, you can modify the plan configuration separately from the template.

Note: There is a default Plan Template that is already defined in the system which the administrator should configure. This Default Plan Template will be used to create the Default Plan for every new Event that is created.

To configure Event Plan Templates, click on Settings under Event Manager.

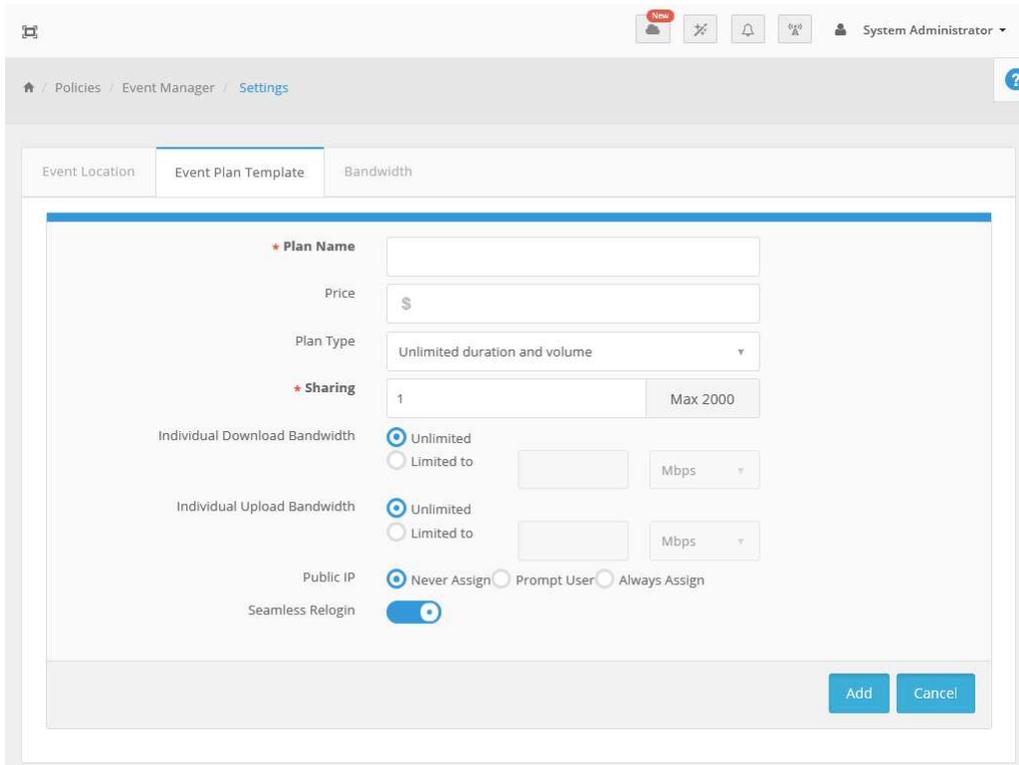
Then select the Event Plan Templates tab.



Click Add to create an Event Plan Template or on an existing Event Plan Template to edit it.



Fill in the Event Plan Template details.

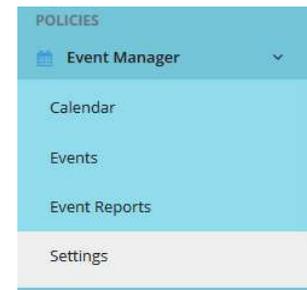


- ⚠ The Auto-Login plan type cannot be used for Event Plan Templates.
- ⚠ The QoS class bandwidth will be determined by the Event Location bandwidth settings of the Events that use this Event Plan Template.

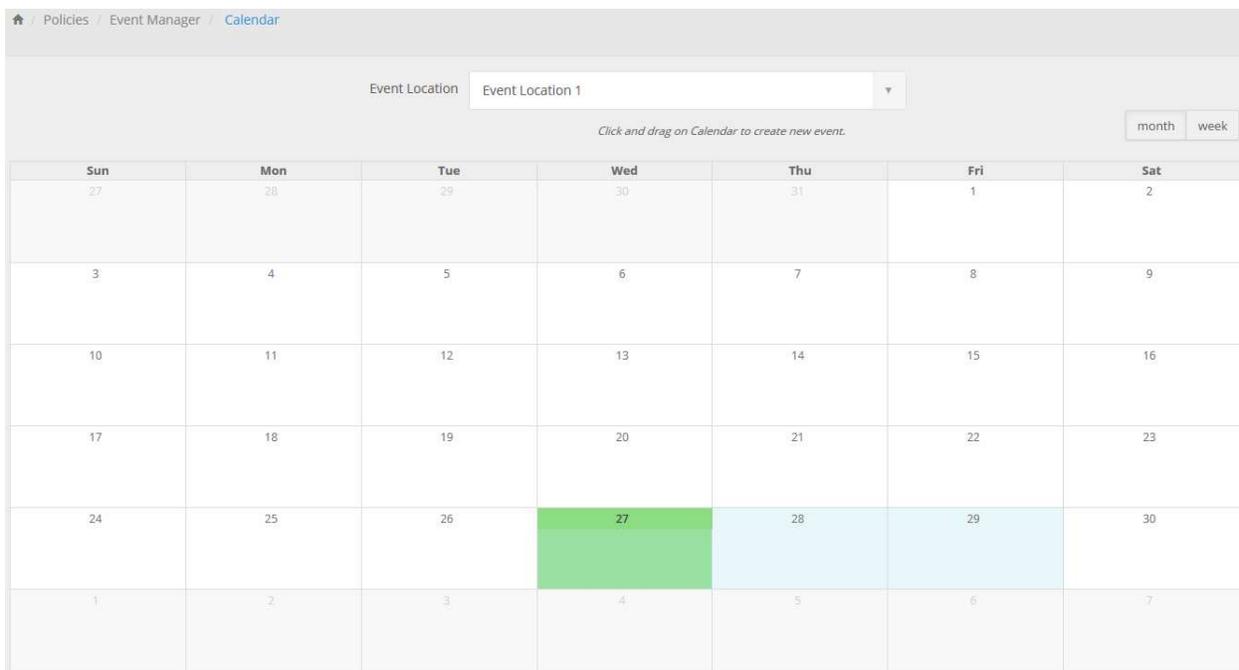
### III. Managing Events

#### i. Creating an Event

To create an Event, click on Calendar under Event Manager.

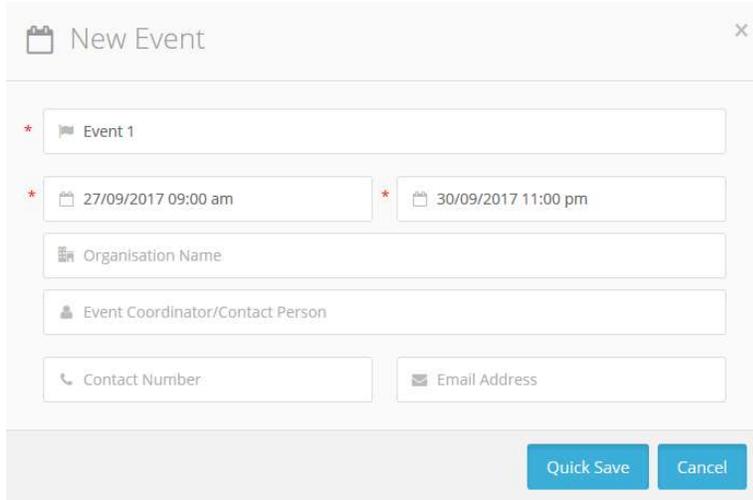


Then either click New Event or click on a day of the calendar or click, hold, and drag to select a date range.



- ⚠ Events are tied to Event Locations, so make sure to select the desired Event Location in the drop-down box.

After selecting a day or a date range, you will be prompted with the New Event dialog box. Fill in the basic Event Details.



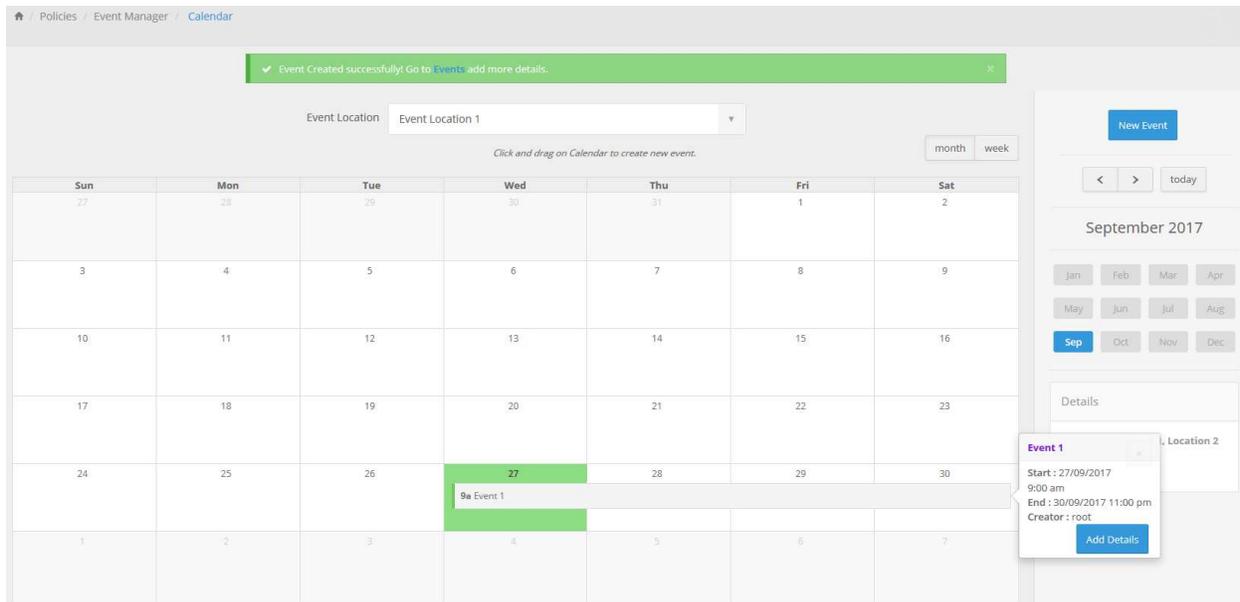
The 'New Event' dialog box contains the following fields:

- Event Name: Event 1
- Start Date/Time: 27/09/2017 09:00 am
- End Date/Time: 30/09/2017 11:00 pm
- Organisation Name
- Event Coordinator/Contact Person
- Contact Number
- Email Address

Buttons: Quick Save, Cancel

## ii. Editing an Event

The Event Created success page offers two ways to edit the Event details more in depth. Either click on the Events link in the success box, or click the Add Details button.



The interface shows a calendar for September 2017. A green notification bar at the top states: "Event Created successfully! Go to [Events](#) add more details." The calendar grid shows a date range from 27th to 30th highlighted in green, with a tooltip for "Event 1" showing details: Start: 27/09/2017 9:00 am, End: 30/09/2017 11:00 pm, Creator: root. An "Add Details" button is visible in the tooltip. The right sidebar includes a "New Event" button, a calendar navigation panel, and a "Details" section.

Subsequently, to edit Events either click on and Event and then click on the Add Details button in the Calendar page, or go to Events under Event Manager and then click on an existing entry.

The screenshot shows the 'Event Manager' interface. At the top, there are navigation tabs for 'All', 'Month', and 'Week'. A date range 'Week : Sep 25 - Oct 1, 2017' is displayed. Below this is an 'Add' button and a table of events.

Creation Date	Creator	Event Name	Organiser	Event From	Event To	Event Location	Report
27/09/2017 04:06PM	root	Event 1		27/09/2017 09:00AM	30/09/2017 11:00PM	Event Location 1	

Using any of these methods will lead to the Events wizard.

The screenshot shows the 'Event Details' tab of the Events wizard. It contains several input fields: 'Event 1' (with a dropdown arrow), 'Organisation Name', '27/09/2017 09:00 AM' (start time), '30/09/2017 11:00 PM' (end time), and 'Event Location 1' (with a dropdown arrow). There is also a 'Notes' text area. Below these fields is a 'Template' section showing a preview of 'Event Template 1', which features the ANTLabs logo and images for 'Summer Nights', 'Big Out', and 'DevCon 2017'. At the bottom right, there are 'Cancel', 'Prev', 'Next', and 'Save' buttons.

### iii. Event Details

The first step is the Event Details tab, where the following settings can be configured:

1. **Event Title**
2. **Organization Name**
3. **Start Date Time**
4. **End Date Time**
5. **Event Location** – The Event Location the Event is tied to. This will determine which Locations and VLANs will come under this Event.
6. **Notes**
7. **Event Template** - The template used for the look and feel of the downstream login pages.

- ⚠ Events are tied to Event Locations, which in turn include Locations, so make sure to choose the Start Date Time and End Date Time that do not clash with other Events tied to any of the Locations.

## iv. Contact

The Contact step is to fill in Event Coordinator/Contact Person details so that any enquiry about the Event can be directed to them.

Event Details | **Contact** | Event Page | Authentication | Codes | Success Page | Error Page | Summary

Contact Details 1

Event Coordinator/Contact Person

Designation

Contact Number

Email Address

Contact Details 2

Event Coordinator/Contact Person

Designation

Contact Number

Email Address

Cancel Prev Next Save

## v. Event Page

The event page allows you to configure the downstream login page that the users will see during the Event.

Policies / Event Manager / Events

Event Details | Contact | **Event Page** | Authentication | Codes | Success Page | Error Page | Summary

Event Welcome Page

Welcome to the event.

Terms and Conditions

Footer

Welcome Page Preview

ANTlabs

Stay Connected

Summer Nights

Breakfast Club

DevCon 2017

The configurable fields are explained as follows:

1. **Title** – Downstream login web page title.
  2. **Welcome Message** - The content displayed above the authentication methods area (Accepts HTML code).
  3. **Terms and Conditions** - The terms and conditions that apply to this Event. When configured, this text will be displayed if the user clicks on the hyperlink and the user cannot login unless the Terms and Conditions check box is ticked.
  4. **Footer** - The footer or copyright statement shown at the bottom part of the login page.
  5. **Welcome Page Preview** - Click on the picture to see a preview of the downstream login page.
  6. **Upload Logo Images** - Upload a logo.
  7. **Upload Background Image** - Upload up to 5 backgrounds to replace the default background.
  8. **Upload Banner Images** – Upload up to 10 images to be displayed as banners. Each banner can be configured to be clickable. Timing for these banner is configurable.
- ⚠ If at any given time more than 3 Banners are configured, only the first 3 Banners will be displayed.
9. **Colour Settings** - Allow the user to change the font colours and background colours of various elements of the welcome page.
  10. **Advanced Settings** - Allows to change the Form Labels, the Error Messages, the Text Labels and the Button Labels that will be displayed in the login page.

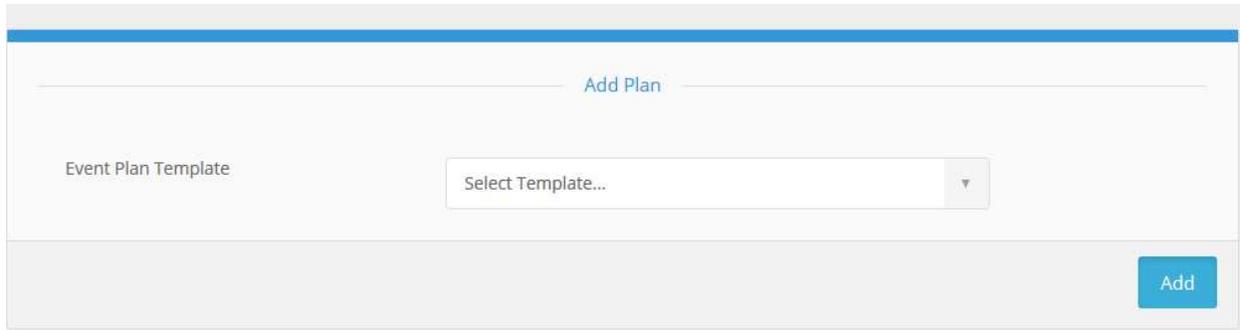
## vi. Authentication

This step of the wizard allows you to select the different access options available to users during the event:

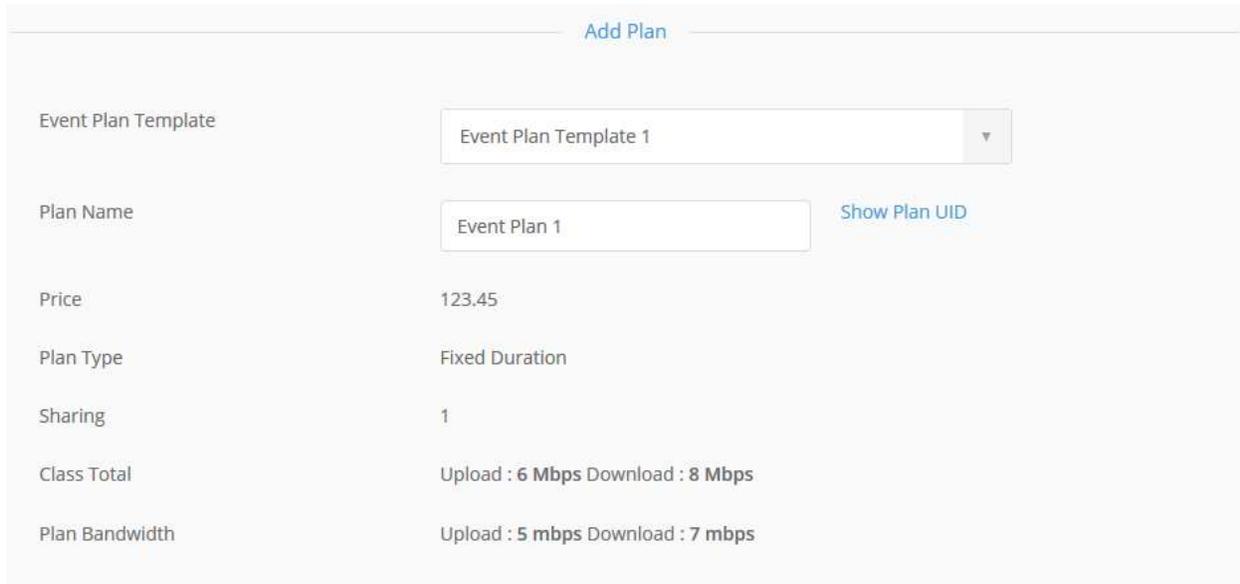
1. **Complimentary** – This means the user will not be charged and there is no need to enter a User ID and Password.
2. **Credit Card** – This enables user authentication using credit card.
3. **Access Code** – This authentication method only requires an access code to be provided.
4. **Social Network Authentication** - This allows the users to login using their social networks accounts.

This section also allows you to adjust the Authentication Display order. You can click, hold, and drag each authentication method to define the order in the drop-down list of authentication options that is shown to the user.

All authentication methods must be associated with a Plan. You may use the Default Plan that comes with every newly created Event, or you may use another plan. To add a plan, select Add Plan in the drop-down menu. This will open the Add Plan dialog box.



Select an Event Plan Template, enter a Plan name and then click Add.



## vii. Codes

This page is used to create local accounts using Access Codes to be given out to users. Users will then use the accounts to log in. Click on the Add New button or click on an existing record to edit it.

Home / Policies / Event Manager / Events

Event Details Contact Event Page Authentication Codes Success Page Error Page Summary

Add New

Add Access Code

Plan Default Plan

Number of codes 1 Max 500

Sharing 1

Access Code YA4886

Generate Code

Advanced Accounts

No code available

1. **Plan** – Select the Plan that the account is being created for. The plan is the event’s Default Plan by default but can be changed in the Advanced Accounts section.
2. **Number of Codes** – You can either create a single account or multiple accounts at once.
3. **Sharing** - Maximum number of concurrently logged in devices allowed for this account. Defaults to 1, but can be modified here.
4. **Access Code** – The access code the user will need to enter to log in.

Click on Advanced Accounts to create access codes with more options. Then click on the Add button or click on an existing record to edit it.

Search

Add Import Export All

<input type="checkbox"/>	User ID	Access Code	Plan	Valid From	To	Share	Billing ID	Zones	Description	Creator	Date
<input type="checkbox"/>		YV4597	Default Plan	28/09/2017 09:00AM	29/09/2017 11:00PM	89	Event Test	10	Event: Event Test	admin	29/09/2017 09:17AM
<input type="checkbox"/>		CY7052	Default Plan	28/09/2017 09:00AM	29/09/2017 11:00PM	38	Event Test	10	Event: Event Test	admin	29/09/2017 09:14AM

Delete Export

Advanced Accounts allows you to create codes from a plan other than Default Plan.

⚠ You may go to Summary > Show Event Plans to create more plans.

Generate Account(s)

Number

1

Account Type

Type

Access Code

Credentials

\* Access Code

Plan

Default Plan

Description

Under More... > Advanced subsection, there are additional account control options:

Advanced

Allowed Login Zones

All Zones

Zone 1  Zone 2  Zone 3  Zone 4  Zone 5  Zone 6  Zone 7  Zone 8  Zone 9  Zone 10  Zone 11  Zone 12

Zone 13  Zone 14  Zone 15

MAC Lock

Off  First Login  On

Valid From

Date

Time

Valid To

Date

Time

Limit Logins

Limit logins to the selected days and time

Days

Mon  Tue  Wed  Thu  Fri  Sat  Sun

Daily Time

→

1. **Allowed login zones** – This feature restricts internet usage only to the allowed login zone(s) for logged in devices. When the device roams into a zone where it is not entitled to login, it will be logged out. If the account used to login is still valid, the device will be re-logged in when it connects to the new zone.
2. **MAC Lock** – This feature enables the gateway to lock an account with a certain device's MAC address, meaning the account cannot be used by any other device except the specified device. This feature is available for single user account only. There are 3 options for MAC Lock:
  - a) Off, no restriction.
  - b) On, MAC address should be filled. The account can only be used with the specified MAC address.

- c) First Login, MAC address will be filled with the first MAC address used and MAC Restriction will be changed to On.
3. **Valid From** – Set the time when the account will start being usable. Useful for accounts created ahead of time for a future event.
  4. **Valid To** – Set the expiry date for the account.
  5. **Limit Logins** – Set the number of times the account can be used to login.
  6. **Days** – Set the days of the week the account is allowed to log in.
  7. **Daily Time** – Set a time range where the account can be used.

### viii. Success Page

This section's purpose is to define what is shown to the user when he successfully authenticates.

The screenshot shows a web management interface for configuring the Success Page. At the top, there is a breadcrumb trail: Home / Policies / Event Manager / Events. Below this is a navigation menu with tabs: Event Details, Contact, Event Page, Authentication, Codes, Success Page (selected), Error Page, and Summary. The main content area is titled "Success" and contains the following configuration options:

- A message box containing:
  - ✚ You are logged in.
  - You can begin accessing the Internet
- Display logout button
- Display Access Code
- Alert user (with a text input field for "minutes before expiry")
- External URL link (with a text input field)
- display link as:  (with a dropdown menu)

Below the Success Page configuration is a section titled "Facebook Messages Configuration" with four input fields:

- Facebook Like Message
- Facebook Like URL
- Facebook Share Message
- Facebook Share URL

These are the fields that can be configured:

1. **Login success message** – The message is shown when user successfully logs in.
2. **Display logout button** – To show the button for logging out of the session. Useful for time duration based plans.
3. **Display an access code** - This option displays an access code for user to do manual login when automatic re-login fails.
4. **Alert user ... minutes before expiry** – A timer will show on the page indicating the amount of time left. Useful for time duration based plans.
5. **External URL link** – To include customized post-login processes, enable this to invoke the following actions to an external page.
  - a) Display link as – the external page is displayed as a link on the default success page.
  - b) Redirect to link after – the default success page is first shown for the specified number of seconds before redirecting to the external page.
  - c) Use link as login success page – the external page is used as the success page.
6. **Facebook Messages Configuration** - This section's purpose is to define what is shown to the user after successful a Facebook authentication. These are the fields that can be configured:
  - a) Facebook Like Message – This is the message on the Success Page to allow the user to 'Like' your venue's Facebook page.
  - b) Facebook Like URL – Your venue's Facebook page URL.
  - c) Facebook Share Message – This is the message on the Success Page to allow the user to 'Share' your venue on their Wall.
  - d) Facebook Share URL – Your venue's Facebook share page URL.

## ix. Error Page

This section's purpose is to define what is shown to the user if the system encounters an error when trying to log the user in.

The screenshot shows a web-based configuration interface for the 'Error Page'. At the top, there is a breadcrumb trail: 'Policies / Event Manager / Events'. Below this is a navigation menu with tabs for 'Event Details', 'Contact', 'Event Page', 'Authentication', 'Codes', 'Success Page', 'Error Page', and 'Summary'. The 'Error Page' tab is currently selected. The main content area contains a 'Failure Message' text input field. Below it is a toggle switch for 'External URL', which is currently turned off. Underneath the toggle is a text input field for the 'External URL'. Further down, there is a section for 'URL parameters' with four checkboxes: 'IP Address (ip)', 'MAC Address (mac)', 'VLAN Name (vlan)', and 'Error Status (error)'. The 'Error Status (error)' checkbox is checked.

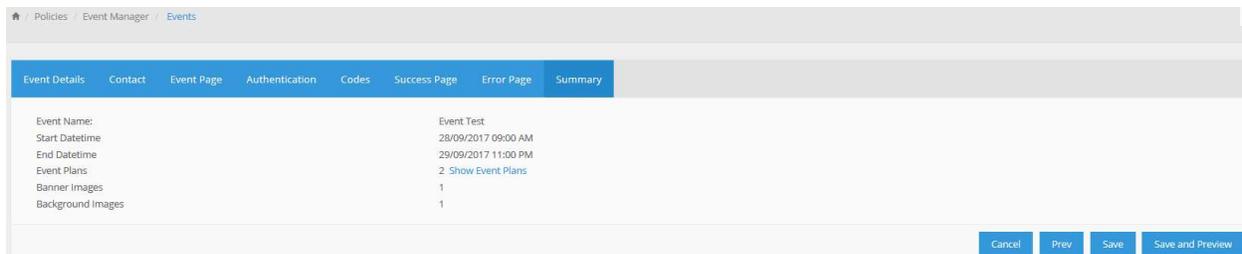
These are the fields that can be configured:

1. **Error Message** – The general message to be shown to users.
2. **External URL** – Users will be redirected to specified URL when it is enabled. Some parameters can be passed to the URL: IP Address, MAC Address, VLAN Name, Error Status.

⚠ When using an external URL as the error page, make sure you have added the URL in the walled garden.

## x. Summary

This section shows a summary of the Event's configuration



The screenshot shows the 'Summary' tab of the Event Manager configuration page. The breadcrumb trail is 'Policies / Event Manager / Events'. The 'Summary' tab is selected, and the configuration details are as follows:

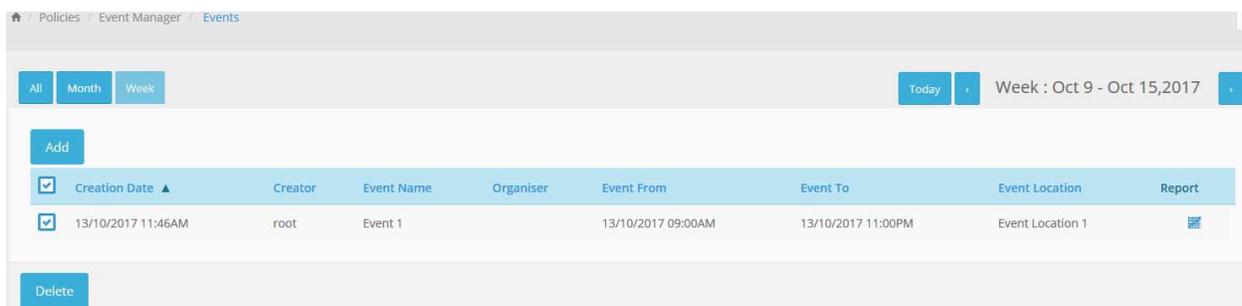
Event Name:	Event Test
Start Datetime:	28/09/2017 09:00 AM
End Datetime:	29/09/2017 11:00 PM
Event Plans:	2 <a href="#">Show Event Plans</a>
Banner Images:	1
Background Images:	1

At the bottom right, there are four buttons: 'Cancel', 'Prev', 'Save', and 'Save and Preview'.

Click Save or Save and Preview to check the appearance of the downstream login page.

## xi. Deleting Events

To delete Events, go to the Policies > Event Manager > Events page. Select the Event to be deleted and click the Delete button.



The screenshot shows the 'Events' page in the Event Manager. The breadcrumb trail is 'Policies / Event Manager / Events'. There are filter buttons for 'All', 'Month', and 'Week'. The 'Week' filter is active, showing 'Today' and 'Week : Oct 9 - Oct 15, 2017'. Below the filters is an 'Add' button and a table of events:

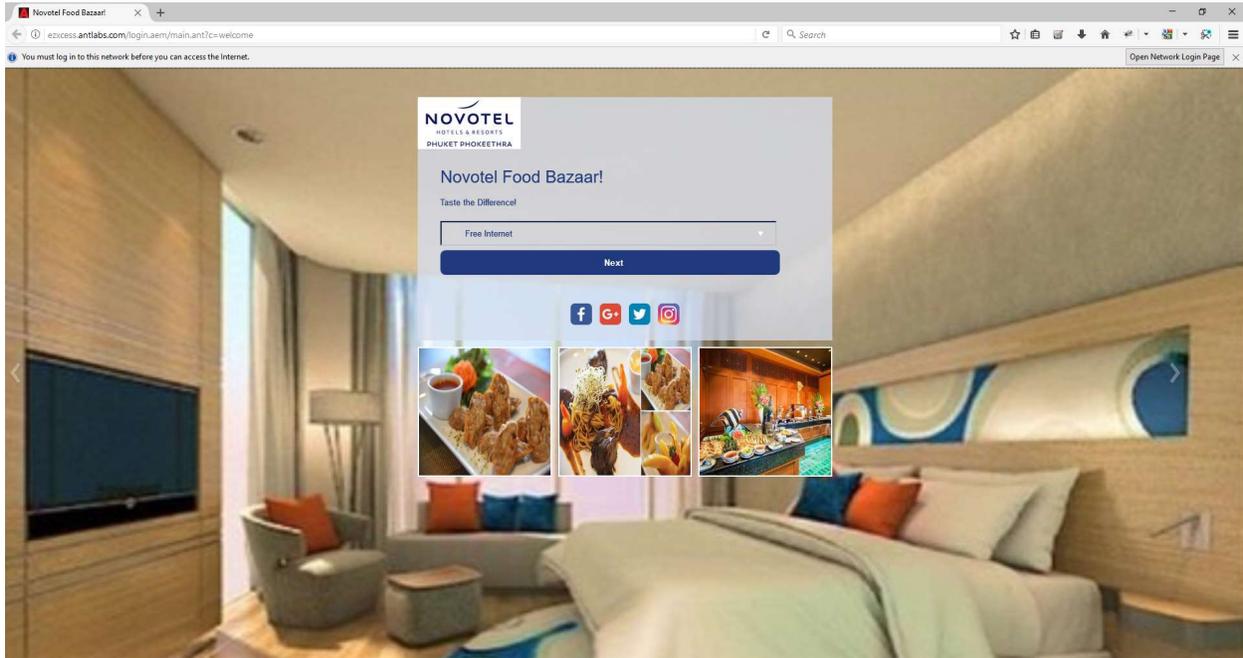
<input checked="" type="checkbox"/>	Creation Date ▲	Creator	Event Name	Organiser	Event From	Event To	Event Location	Report
<input checked="" type="checkbox"/>	13/10/2017 11:46AM	root	Event 1		13/10/2017 09:00AM	13/10/2017 11:00PM	Event Location 1	<a href="#">Report</a>

At the bottom left, there is a 'Delete' button.

⚠ Deleting Events will delete all associated plans and accounts and logout all event users if any.

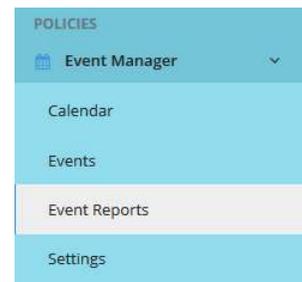
## IV. Event Downstream Page

For the duration of the Event, the users in the associated Location(s) will be presented with the Event login page:



## V. Event Reports

To check Event Reports, click on Event Reports under Event Manager.



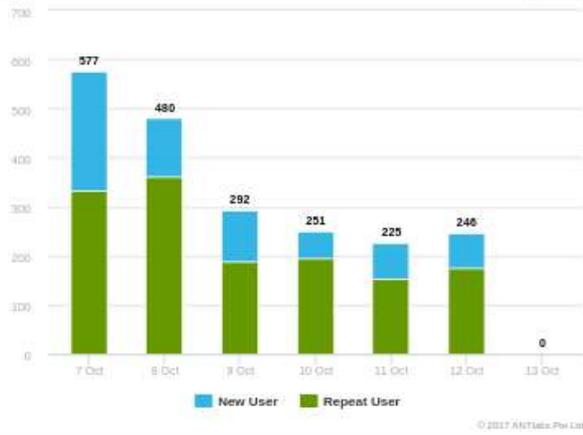
Select an Event and Event Reports will display User Count, Cumulative Users and Sessions, Data Usage, and Duration Usage:

Event Name:

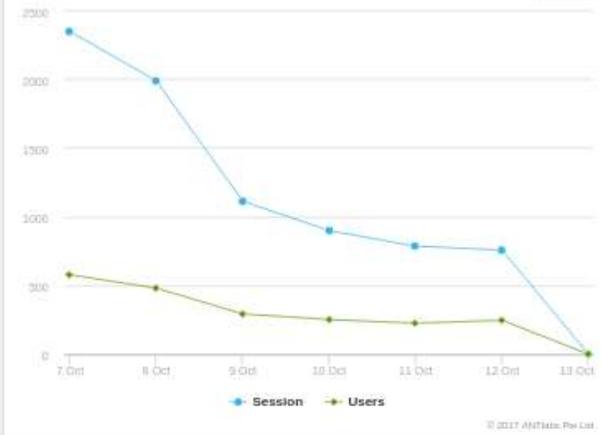
Event 1

Oct 13, 2017 - Oct 13, 2017

User Count



Cumulative Users and Sessions



Data Usage

