

Self provisioning - retailers only

This page is a reference manual for the API to be used for developing a custom solution of automatic account provisioning. **MailUp APS is built on top of this API and it should be your first option for account provisioning.** As for the MailUp APS, the access to this API is not "self service", you should first [contact us](#) in order to ask for enabling your application for account provisioning and to agree on setup details.

On this page:

- [Management](#)
 - [Get retailer-defined profiles](#)
 - [Get retailer-defined packages by profile](#)
 - [Errors](#)
 - [Note](#)
 - [Get the available languages by profile](#)
 - [Errors](#)
- [Account](#)
 - [Create a retailer's customer account](#)
 - [Errors](#)
 - [Note](#)
 - [Get retailer's customer account profile activation status](#)
 - [Errors](#)
 - [Note](#)
 - [Change retailer's customer account profile](#)
 - [Errors](#)
 - [Note](#)
 - [Get retailer's customer account status](#)
 - [Errors](#)
 - [Note](#)
 - [Disable retailer's customer account](#)
 - [Errors](#)
 - [Enable reseller's customer account info](#)
 - [Errors](#)
 - [Unprovide reseller's customer account](#)
 - [Errors](#)
 - [Add package to retailer's customer account](#)
 - [Errors](#)
 - [Note](#)
 - [Get retailer's customer account logins](#)
 - [Errors](#)
 - [Get retailer's customer account login url](#)
 - [Errors](#)

Management

Use these methods to retrieve informations about your environment (profiles, packages and languages) and configure your environment.

Note that all management resource requests ignore ExternalUserId value, so your client can perform these requests having or not this value.

Get retailer-defined profiles

Description	Get retailer-defined profiles
HTTP Method	GET
URL	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Management/Profile</code>
JSON request (example)	none

JSON response (example)	<pre> HTTP/1.1 200 OK { "IsPaginated":false, "Items":[{ "ClientCode":1, "Description":"Trial", "Id":1046, "Name":"Trial" }, { "ClientCode":2, "Description":"Economy", "Id":1047, "Name":"Economy" }, { "ClientCode":3, "Description":"Premium", "Id":1048, "Name":"Premium" }], "PageNumber":0, "PageSize":20, "Skipped":0, "TotalElementsCount":3 } </pre>
Paging and filtering (example)	<ul style="list-style-type: none"> Retrieving the first page with two items: <div data-bbox="459 1122 1434 1216" style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <pre>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Management/Profile?PageSize=2</pre> </div> Retrieving the second page with two items: <div data-bbox="459 1283 1434 1377" style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <pre>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Management/Profile?PageSize=2&PageNumber=1</pre> </div>

Get retailer-defined packages by profile

To retrieve available languages you need to provide this parameter:

	Required	Where	Description
id_Profile	X	URL	See get profile

Description	Get retailer-defined profile-packages relationship
HTTP Method	GET
URL	<pre>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Management/Profile/{id_Profile}/Pack</pre>
JSON request (example)	none

<p>JSON response (example)</p>	<pre> HTTP/1.1 200 OK { "IsPaginated":false, "Items":[{ "ClientCode":1, "Description":"Pacchetto che consente di aumentare la velocità di invio di 300 mail\ora", "Id":534, "Max":5, "Min":1, "Name":"VelocitaAggiuntiva300" }, { "ClientCode":2, "Description":"Pacchetto che consente di aggiungere 300 crediti alla console", "Id":535, "Max":65535, "Min":1, "Name":"Crediti300" }], "PageNumber":0, "PageSize":20, "Skipped":0, "TotalElementsCount":2 } </pre>
<p>Paging and filtering (example)</p>	<ul style="list-style-type: none"> Retrieving the first page with two items: <div data-bbox="427 1279 1437 1375" style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <pre>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Management/Profile/{id_Profile}/Pack?PageSize=2</pre> </div> Retrieving the second page with two items: <div data-bbox="427 1442 1437 1538" style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <pre>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Management/Profile/{id_Profile}/Pack?PageSize=2&PageNumber=1</pre> </div>

Errors

HTTP Status Code	When	Message
403 Forbidden	Unexisting id_profile	<i>You cannot access to provided profile.</i>
	id_profile not assigned to specified Retailer account	

Note

- Min e Max equals to the minimum and maximum number of packages manageable by selected profile.

Get the available languages by profile

To retrieve available packages you need to provide this parameter:

	Required	Where	Description
id_Profile	X	URL	See get profile

Description	Get the available languages by profile
HTTP Method	GET
URL	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Management/Profile/{id_Profile}/Lang</code>
JSON request (example)	none
JSON response (example)	<pre>HTTP/1.1 200 OK ["JA", "ID", "IT", "ES", "FR", "PT", "ZH", "EN"]</pre>
Paging and filtering (example)	none

Errors

HTTP Status Code	When	Message
403 Forbidden	Unexisting id_profile	<i>You cannot access to provided profile.</i>
	id_profile not assigned to specified IdConsoleRetailer	

Account

Use these methods to manage retailer's customers accounts. With these methods you can create new accounts, add or remove packages and get what you need to login to accounts.

Note that all account resource requests need an ExternalUserId value, so you have to authenticate specifying the retailer's customer unique identifier. APIs validates client requests forbidding the access if:

- AccessToken contains an empty ExternalUserId
- AccessToken contains an ExternalUserId that hasn't got the the right scope to perform required operation.

Create a retailer's customer account

The process to create an account could take some time. To create a new account you have to provide this information:

	Required	Where	Description
id_Profile	X	URL	See get profile
lang	X	URL	See get languages
IpAddress	X	Body	Your client IP address
Email	X	Body	Your customer's email address
CustomDomain	X	Body	Your product or your customer domain
CustomSubdomain	X	Body	Your product or your customer subdomain to address this service
ServiceName	X	Body	Your product name
ServiceUrl	X	Body	Your product web site
ServiceLogoutUrl	X	Body	Address to redirect the customer when logouts
UserAgent		Body	Your client user agent
Referer		Body	Your client referer

This method returns an activation identifier to prevent client hanging. When the method responds, your clients has to poll the [activation status method](#) to understand when the creation process ends. The response could contains domains that should be redirect to MailUp CNAMEs adding DNS records.

Description	Create a retailer's customer account
HTTP Method	POST
URL	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/Activation/Profile/{id_Profile}/Language/{lang}</code>
JSON request (example)	<pre>{ "IpAddress": "192.168.0.1", "Email": "service@retailer.it", "CustomDomain": "power-email-marketing.it", "CustomSubdomain": "customer123", "ServiceName": "Power email marketing", "ServiceUrl": "www.power-email-marketing.it/info", "ServiceLogoutUrl": "www.power-email-marketing.it", "Referer": "", "UserAgent": "" }</pre>
JSON response (example)	<pre>HTTP/1.1 200 OK { "Code": 0, "Description": "Ok", "IdActivation": 9054, "Hash": "767eed52-be08-4eb4-8658-5db4eaa215e1", "ControlPanelDomain": "customer123.mailadmin.io", "ImageTrackingDomain": "img.customer123.t.power-email-marketing.it", "LinkTrackingDomain": "customer123.t.power-email-marketing.it" }</pre>

Paging and filtering (example)	none
--------------------------------	------

Errors

HTTP Status Code	When	Message
400 BadRequest	Unexisting lang value into the TwoLetterISOLanguageName list.	<i>Invalid language.</i>
	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
403 Forbidden	No profiles for the ResellerId authentication code value.	<i>You cannot access to provided profile.</i>
	Internal error occurred	<i>Code: -1</i> <i>Description: Unknown account activation status.</i>
	You are not able to create this account	<i>Code: 2</i> <i>Description: Error</i>
	Language provided is not allowed for this retailer's edition	<i>Code: 3</i> <i>Description: Language '{lang}' is not available for profile {id_Profile}.</i>
	IpAddress is null, empty or IPAddress.TryParse fails	<i>Code: 4</i> <i>Description: IpAddress cannot be null, empty or invalid.</i>
	IpAddress is null, empty or EmailHelper.ValidateAddress fails	<i>Code: 5</i> <i>Description: Email cannot be null, empty or invalid.</i>
	Request contains some null, empty or invalid domain fields	<i>Code: 6</i> <i>Description: Domains cannot be null, empty or invalid.</i>
	One or more domains not available	<i>Code = 7;</i> <i>Description: Custom domain not available.</i>
		<i>Code: 8;</i> <i>Description: Link tracking domain not available</i>
		<i>Code: 9;</i> <i>Description: Image tracking domain not available</i>
	Invalid retailer's service information	<i>Code: 10;</i> <i>Description: Service name cannot be null, empty or invalid.</i>
		<i>Code: 11;</i> <i>Description: Service url cannot be null, empty or invalid.</i>
<i>Code: 12;</i> <i>Description: Service logout url cannot be null, empty or invalid.</i>		

Note

1. It is possible to create ONLY ONE Trial Control Panels per ExternalUserId. If you try to create more Trial using the same ExternalUserId the response contains **Code: 1, Description: Processing** until the process ends and then it contains **Code: 2, Description: Error**.
2. It is possible to create MORE non Trial Control Panels per ExternalUserId. If you try to create more non Trial using the same or another ExternalUserId the response contains **Code: 1, Description: Processing** until the process ends and then it contains **Code: 0, Description: Ok**.

Get retailer's customer account profile activation status

Finalize your account creation process checking its status. To finalize a new account creation process you have to provide this information:

	Required	Where	Description
id_Activation	X	URL	See create account

Description	Get retailer's customer account profile activation status
HTTP Method	GET
URL	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/Activation/{id_Activation}/Status</code>
JSON request (example)	none
JSON response (example)	<p>System is creating your new account:</p> <pre>HTTP/1.1 201 Accepted { "Code":1, "Description":"Processing", "IdAccount":0 }</pre> <p>New account created successfully:</p> <pre>HTTP/1.1 200 OK { "Code":0, "Description":"Ok", "IdAccount":23052 }</pre>
Paging and filtering (example)	none

Errors

HTTP Status Code	When	Message
400 BadRequest	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
	ExternalUserId validation fails	
	id_Activation is not a number	<i>Invalid activation.</i>
403 Forbidden	Unknown account activation status phase	<i>Code = -1</i> <i>Description = Unknown account activation status</i>
	Account activation failed	<i>Code = 2</i> <i>Description = Error</i>

	Link or image tracking domains, service name, url or logout url cannot be set	Code = 3 Description = An error occurred finalizing account creation
--	---	---

Note

1. the IdAccount field contains a value ONLY when the new account is properly created, so Code field contains the 0 - OK code value.

Change retailer's customer account profile

Method to change the profile. To change account account profile you have to provide this information:

	Required	Where	Description
id_Account	X	URL	See activation status response
id_Profile	X	URL	See get profiles

Description	Change retailer's customer account profile
HTTP Method	PUT
URL	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_Account}/Profile/{id_Profile}</code>
JSON request (example)	none
JSON response (example)	none
Paging and filtering (example)	none

Errors

HTTP Status Code	When	Message
400 BadRequest	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
	ExternalUserId validation fails	
403 Forbidden	Invalid id_profile	<i>You cannot access to provided profile.</i>
	Invalid id_account	<i>You cannot access to provided account.</i>

Note

1. the return value is the HTTP Status code of the response. API executes this operation asynchronously. Every time the client invokes the method, it returns a code. If this code tells that the operations are still in progress the resource returns a **202 Accepted** status code; otherwise returns a **200 OK** status code. If an error occurred it returns **500 Internal Server Error**.
2. the client can invoke the resource **as many times as it wants**.

Get retailer's customer account status

Method to verify the account status. To retrieve the account status you have to provide this information:

	Required	Where	Description
--	----------	-------	-------------

id_Account	X	URL	See activation status response
------------	---	-----	--

The table below shows the possible status, specifying related response fields meaning:

Status	Response Code field value	Response Description field value
Error / Processing	-1	Error or Processing
Enabled	0	Enabled
Disabled	1	Disabled
Unprovided	2	Unprovided

Description	Get retailer's customer account status
HTTP Method	GET
URL	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_Account}</code>
JSON request (example)	none
JSON response (example)	<pre>{ "Code":0, "Description":"Enabled", "ActivePacks":[{"CurrentQuantity":0,"Id":534,"Quantity":0}, {"CurrentQuantity":0,"Id":535,"Quantity":0}, {"CurrentQuantity":0,"Id":536,"Quantity":0}, {"CurrentQuantity":0,"Id":537,"Quantity":0}, {"CurrentQuantity":0,"Id":538,"Quantity":0}], "Credits":300, "IdAccount":23053, "IdProfile":1401, "ValidFrom":"2015-10-14 22:00:00Z", "ValidTo":"2016-10-14 22:00:00Z" }</pre>
Paging and filtering (example)	none

Errors

HTTP Status Code	When	Message
400 BadRequest	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
	ExternalUserId validation fails	
403 Forbidden	Invalid Id_Account	<i>You cannot access to provided account.</i>

Note

1. La chiamata ritorna -1 se il metodo GetAccountStatus dei servizi ADM ritorna come ReturnCode 1 (Processing) o 2 (Error). Tale descrizione del ReturnCode viene settata come description in modo che si possa capire il motivo del fallimento. In realtà ReturnCode, in questo caso, varrà 0 (Ok) oppure 2 (Error) e MAI 1 (Processing).

2. La proprietà ActivePacks restituisce informazioni relative allo stato attuale dei pacchetti. Il campo Quantity restituisce la somma algebrica dei pacchetti aggiunti/rimossi, mentre CurrentQuantity fornisce informazioni relative a quanti pacchetti sono attualmente in uso (un pacchetto potrebbe essere stato rimosso, ma l'effettiva rimozione avverrà a fine mese)

Disable retailer's customer account

Method to disable an account.

	Required	Where	Description
id_Account	X	URL	See activation status response
Enable		Querystring	Could be FALSE

Description	Disable retailer's customer account
HTTP Method	PUT
URL	<pre>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_Account} or https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_Account}?Enable=false</pre>
JSON request (example)	none
JSON response (example)	<pre>{ "Code": 0, "Description": "Ok" }</pre>
Paging and filtering (example)	none

Errors

HTTP Status Code	When	Message
400 BadRequest	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
	ExternalUserId validation fails	

Enable reseller's customer account info

Method to enable a disabled account. A disabled account cannot be enabled in the future.

	Required	Where	Description
id_Account	X	URL	See activation status response
Enable	X	Querystring	Must be TRUE

Description	Enable a disabled retailer's customer account
HTTP Method	PUT
URL	<pre>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_account}?Enable=true</pre>

JSON request (example)	none
JSON response (example)	<pre>{ "Code": 0, "Description": "Ok" }</pre>
Paging and filtering (example)	none

Errors

HTTP Status Code	When	Message
400 BadRequest	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
	ExternalUserId validation fails	

Unprovide reseller's customer account

Method to unprovide an account. An unprovided account cannot be enabled in the future.

	Required	Where	Description
id_Account	X	URL	See activation status response

Description	Unprovide a retailer's customer account
HTTP Method	DELETE
URL	<pre>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_Account}</pre>
JSON request (example)	none
JSON response (example)	<pre>{ "Code": 0, "Description": "Ok" }</pre>
Paging and filtering (example)	none

Errors

HTTP Status Code	When	Message
400 BadRequest	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
	ExternalUserId validation fails	

Add package to retailer's customer account

Method to add packages to selected account.

--	--	--	--

	Required	Where	Description
id_Account	X	URL	See activation status response
id_Pack	X	URL	See get packages
Quantity	X	Body	Numeric value that depends on WorkMode. Please refers to row below.
WorkMode	X	Body	<p>Should be "incremental" or "absolute" and refers to the way to manage packages.</p> <p>The "incremental" work mode allows client to add or remove packages as defined by Quantity field. If client calls the method 3 times with quantity equals to 1, API method adds 1 package each time. If client needs to remove a package it calls the method with quantity equals to -1 and API method removes a package.</p> <p>The "absolute" work mode allows client to define the total number of packages.If client calls the method with quantity equals to 4, API method adds 4 packages. If client needs to remove 2 packages from the current quantity (set to 4 by the previews call) it calls the method with quantity equals to 2 and the API method removes 2 packages.</p> <p>NB: "absolute" work mode allows only unsigned value for Quantity.</p>

Description	Add package to retailer's customer account															
HTTP Method	POST															
URL	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_Account}/Pack/{id_Pack}</code>															
JSON request (example)	<p>Incremental:</p> <pre>{ "Quantity": -3, "WorkMode": "incremental" }</pre> <p>Absolute:</p> <pre>{ "Quantity": 3, "WorkMode": "absolute" }</pre>															
JSON response (example)	<pre>{ "Code": 0, "Description": "Ok" }</pre> <p>The resource returns a 200 OK status code if the package was added succesfully and the response contains code = 0; if the addition does not end properly, the resource returns a 403 Forbidden and the response contains:</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quantity limits exceeded</td> <td><i>The number of packages you are trying to add/remove exceeds the profile limits</i></td> </tr> <tr> <td>2</td> <td>Profile rules error</td> <td><i>The number of packages you are trying to add/remove exceeds some profile rule limit (for example, you cannot remove a package related to SMS)</i></td> </tr> <tr> <td>3</td> <td>Invalid quantity</td> <td><i>This error condition appears when the work mode equals to "absolute" and the quantity value is negative</i></td> </tr> <tr> <td>4</td> <td>Invalid workmode</td> <td><i>The WorkMode field should be "incremental" or "absolute" ONLY</i></td> </tr> </tbody> </table>	Code	Description	Meaning	1	Quantity limits exceeded	<i>The number of packages you are trying to add/remove exceeds the profile limits</i>	2	Profile rules error	<i>The number of packages you are trying to add/remove exceeds some profile rule limit (for example, you cannot remove a package related to SMS)</i>	3	Invalid quantity	<i>This error condition appears when the work mode equals to "absolute" and the quantity value is negative</i>	4	Invalid workmode	<i>The WorkMode field should be "incremental" or "absolute" ONLY</i>
Code	Description	Meaning														
1	Quantity limits exceeded	<i>The number of packages you are trying to add/remove exceeds the profile limits</i>														
2	Profile rules error	<i>The number of packages you are trying to add/remove exceeds some profile rule limit (for example, you cannot remove a package related to SMS)</i>														
3	Invalid quantity	<i>This error condition appears when the work mode equals to "absolute" and the quantity value is negative</i>														
4	Invalid workmode	<i>The WorkMode field should be "incremental" or "absolute" ONLY</i>														

Paging and filtering (example)	none

Errors

HTTP Status Code	When	Message
400 BadRequest	IdPack is not numeric	<i>Invalid pack.</i>
	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
	ExternalUserId validation fails	

Note

1. It is impossible to remove packages from TRIAL profile
2. It is impossible to remove credits-related packages

Get retailer's customer account logins

The resource allows to retrieve the logins available for this account/console. It is necessary if the retailer allows his customers to add more administrators to an account.

	Required	Where	Description
id_Account	X	URL	See activation status response

Description	Unprovide a retailer's customer account
HTTP Method	GET
URL	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_Account}/Login</code>
JSON request (example)	none
JSON response (example)	<pre>{ "IsPaginated":false, "Items":[{ "IdLogin":45792, "Username":"user1" }, { "IdLogin":45793, "Username":"user2" }], "PageNumber":0, "PageSize":20, "Skipped":0, "TotalElementsCount":2 }</pre>

Paging and filtering (example)	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_Account}/Login?PageSize=2&PageNumber=1</code>
---------------------------------------	---

Errors

HTTP Status Code	When	Message
400 BadRequest	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
	ExternalUserId validation fails	

Get retailer's customer account login url

Method provides the URL to login to account.

	Required	Where	Description
<code>id_Account</code>	X	URL	See activation status response
<code>id_Login</code>	X	URL	See get logins response

Description	Get retailer's customer account login url
HTTP Method	GET
URL	<code>https://services.mailup.com/API/v1.1/Rest/RetailerService.svc/Account/{id_Account}/Login/{id_Login}</code>
JSON request (example)	none
JSON response (example)	<code>"http://\mailup_trial.mailadmin.io\Console/Login.aspx?Code=2f3g3m0G2K3L1B242A1f412E0a2118373c1T1f0e1F39452a373z2P2h0n0Z3L3a2j3H2707350C3j030L3Y003t1A2y4032373Q3c0S2O3F1I343I0g300b3d050L1m-1r2K1C01041D3F013e2A0E1X3b1T3a0W1H4128020k0z0R180P053b3j1r3G152C"</code>
Paging and filtering (example)	none

Errors

HTTP Status Code	When	Message
400 BadRequest	ExternalUserId empty.	<i>Invalid ExternalUserId.</i>
	ExternalUserId validation fails	