When a customer activates an extension on the Agora Extension Gallery, Agora passes the basic information of this customer to the vendor that provides the extension. After receiving the information, vendors should create an account for the customer at the vendor's Console so that the customer can use the extension.

Vendors need to implement the following provisioning APIs so that Agora can pass the information of the customer to the vendor. When a customer activates an extension, Agora calls the relevant API to send the information.

When implementing these APIs, ensure that your server of the endpoints meet the following requirements:

* Handles at least 100 queries per second.
* Follows standard HTTP status codes for error information and handling policy.

After each request, Agora waits 500 milliseconds for the response and automatically repeats the request for three times when timeouts occur.

[Create an account](#_9yje2rl0r018)

[Create a project](#_u26wmt3gbwn4)

[Deactivate the account](#_p9fpib7sv6fs)

[Deactivate the project](#_k4jkc3jdaxw9)

## Create an account

When a customer activates an extension, Agora calls this method to pass the basic information of this customer to you. You can manage the user by forming a user information mapping for services such as usage query.

**Basic information**

| **Basic information** | **Information** |
| --- | --- |
| Method | POST |
| Request URL | | https://[host]/customers/new | | --- | |

**Request parameter**

| **Parameter** | **Mandatory** | **Type** | **Data length** | **Description** |
| --- | --- | --- | --- | --- |
| planId | Yes | Number | 16 | The package plan of the customer. |
| customerName | No | String | 32 | The company name of the customer. |
| customerID | Yes | String | 16 | The account ID of the customer on Agora Console. |
| customerEmail | No | String | 32 | The email address of the customer. |
| customerPhone | No | String | 32 | The phone number of the customer. |
| apiKey | Yes | String | 32 | The API key, used for authentication between you and Agora. When you register on Console as a vendor, Agora generates an API key as the identifier for you. |
| signature | Yes | String | N/A | The signature generated by the signature algorithm. You need to deploy the algorithm to verify that the request is sent by Agora. |

**Request sample**

| {  planId:"ABC",  customerName:"AgoraCustomerA",  customerId:"12345678910"  customerEmail:"AgoraCustomerA",  customerPhone:"1234567890",  apiKey:"pzD5XinRSlmA64tZx81fL92YcBsJK0gd", signature:"Q7mtNW8oGxRk5MTPuY6E9gfy0dVre4b2hlZwSaF1qILjJcAXHKsvz3BnDiOUCpsB8WehBlNwEze1MVEFCanebjffAZkqDtcAGgcUidDiIwmgJUWFzHbcCUmguXbyDwxM" } |
| --- |

**Response parameter**

| **Parameter** | **Type** | **Description** |
| --- | --- | --- |
| status | String | The request state:   * success: The request succeeds. * failed: The request fails. |
| statusReason | String | The reason why the request succeeds or fails. |

**Response sample**

| {  status:"success",  statusReason:"",  ... } |
| --- |

## Create a project

When a customer adds an extension to the Agora project, Agora calls this method to pass the information of the project to the vendor.

**Basic information**

| **Basic information** | **Description** |
| --- | --- |
| Method | POST |
| Request URL | | https://[host]/customers/[customerId]/projects/new | | --- | |

**Path parameter**

| **Parameter** | **Description** |
| --- | --- |
| customerId | The user ID of the customer on Agora Console. |

**Request body parameter**

| **Parameter** | **Mandatory** | **Type** | **Data length** | **Description** |
| --- | --- | --- | --- | --- |
| projectId | Yes | String | 32 | The project ID of the customer. |
| apiKey | Yes | String | 32 | The API key, used for authentication between you and Agora. When you register as a vendor on Agora Console, Agora generates an API key as the identifier. |
| signature | Yes | String | N/A | The signature generated by the signature algorithm. You need to deploy the algorithm to verify that the request is sent by Agora. |

**Request sample**

| {  projectId:"NUtGRg4Z1vYq9opE",  apiKey:"pzD5XinRSlmA64tZx81fL92YcBsJK0gd", signature:"Q7mtNW8oGxRk5MTPuY6E9gfy0dVre4b2hlZwSaF1qILjJcAXHKsvz3BnDiOUCpsB8WehBlNwEze1MVEFCanebjffAZkqDtcAGgcUidDiIwmgJUWFzHbcCUmguXbyDwxM" } |
| --- |

**Response parameter**

| **Parameter** | **Type** | **Description** |
| --- | --- | --- |
| apiKey | String | The API key of the project, used for authenticating the customer.  This API Key is different from the API Key in the request. |
| apiSecret | String | The API secret of the project, used for authenticating the customer. |
| refreshTokenApi | String | The URL endpoint for refreshing the token.  You can use either the static or dynamic token to authenticate the customer according to the capability of your server.   * If you use the static token for authentication, do not set this field or set it as "". Your server always authenticates the customer with the apiKey and apiSecret field in this response. * If you use the dynamic token for authentication, you need to set an expiration time for the token. For enhanced communication security, Agora recommends setting a proper duration to the token expiration time, for example, 24 hours. When the token expires, your server should remind the customer to refresh the token. After receiving the reminder, the customer requests a new token by sending a request to the URL returned in this field, and upon this request, you need to send an object containing a new apiKey and apiSecret to the customer. |
| license | String | The license file for authorizing your service to customers.  If you charge your services with license files, ensure that you provide the license information through this field in the response.  After receiving the response, Agora sends the license information to the customer. Customers should generate a license of their own based on the SDK they use and the service expiration time, and pass this license to the app before using your service. |
| status | String | The request status:   * success: The request succeeds. * failed: The request fails. |
| statusReason | String | The reason why the request succeeds or fails. |

**Response sample**

| {  apiKey:"xxxxxxxxxxxxxx",  apiSecret:"xxxxxxxxxxxxx",  refreshTokenApi:"xxxxxxxxxxxx",  license:"xxxxxxxxxxxx",  status:"success",  statusReason:"",  ... } |
| --- |

## Deactivate the account

Once the customer deactivates the account, Agora calls this method to notify the vendor, and the vendor should delete the customer's account and stop providing any relevant plugin service.

**Basic information**

| **Basic information** | **Description** |
| --- | --- |
| Method | PUT |
| Request URL | | http://[host]/customers/[customerID]/deactivate | | --- | |

**Path parameter**

| **Parameter** | **Description** |
| --- | --- |
| customerID | The user ID of the customer on Agora Console. |

**Request body parameter**

| **Parameter** | **Mandatory** | **Type** | **Data length** | **Description** |
| --- | --- | --- | --- | --- |
| apiKey | Yes | String | 32 | The API key of the vendor, used for authentication between Agora and the vendor. When a vendor registers on Console, Agora generates an API key as the identifier of the vendor. |
| signature | Yes | String | N/A | The signature generated by the signature algorithm. You need to deploy the algorithm to verify that the request is sent by Agora. |

**Request sample**

| {  apiKey:"pzD5XinRSlmA64tZx81fL92YcBsJK0gd", signature:"Q7mtNW8oGxRk5MTPuY6E9gfy0dVre4b2hlZwSaF1qILjJcAXHKsvz3BnDiOUCpsB8WehBlNwEze1MVEFCanebjffAZkqDtcAGgcUidDiIwmgJUWFzHbcCUmguXbyDwxM" } |
| --- |

**Response parameter**

| **Parameter** | **Type** | **Description** |
| --- | --- | --- |
| status | String | The request status:   * success: The request succeeds. * failed: The request fails. |
| statusReason | String | The reason why the request succeeds or fails. |

**Response sample**

| {  status:"success",  statusReason:"",  ... } |
| --- |

## Deactivate the project

This method deactivates the specified project. Once a project is deactivated, the customer can no longer use the plugin service in the Agora project.

**Basic information**

| **Basic information** | **Description** |
| --- | --- |
| Method | PUT |
| Request URL | | http://[host]//customers/[customerId]/projects/[projectID]/deactivate | | --- | |

**Path parameter**

| **Parameter** | **Description** |
| --- | --- |
| customerId | The user ID of the customer on Agora Console. |
| projectID | The ID of the project that the customer wants to deactivate. |

**Request body parameter**

| **Parameter** | **Mandatory** | **Type** | **Data length** | **Description** |
| --- | --- | --- | --- | --- |
| apiKey | Yes | String | 32 | The API key of the vendor, used for authentication between Agora and the vendor. When a vendor registers on Console, Agora generates an API key as the identifier of the vendor. |
| signature | Yes | String | N/A | The signature generated by the signature algorithm. You need to deploy the algorithm to verify that the request is sent by Agora. |

**Request sample**

| {  apiKey:"pzD5XinRSlmA64tZx81fL92YcBsJK0gd", signature:"Q7mtNW8oGxRk5MTPuY6E9gfy0dVre4b2hlZwSaF1qILjJcAXHKsvz3BnDiOUCpsB8WehBlNwEze1MVEFCanebjffAZkqDtcAGgcUidDiIwmgJUWFzHbcCUmguXbyDwxM" } |
| --- |

**Response parameter**

| **Parameter** | **Type** | **Description** |
| --- | --- | --- |
| status | String | The request status:   * success: The request succeeds. * failed: The request fails. |
| statusReason | String | The reason why the request succeeds or fails. |

**Response sample**

| {  status:"success",  statusReason:"",  ... } |
| --- |