

API EXCHANGE TOKEN

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1 Target

- Change the application's current access token to omnipower access token.

2 Prepare

- First you need to create an application at <https://developers.haravan.com>
- Check which scope corresponds to the API that your application is using.
- After checking, select the scopes you want at <https://developers.haravan.com>
- If your application uses webhooks, you need to register webhook at <https://developers.haravan.com> and add scope : **wh_api**

- Follow URLs below for more information:
 - + Check scope and api:
 - <https://docs.haravan.com/blogs/omni/apis-va-scope>
 - + Create app and select scope:
 - <https://docs.haravan.com/blogs/omni/huong-dan-tao-app-ket-noi-api>
 - https://www.youtube.com/watch?v=gzJ0_qbrvYM&feature=youtu.be
 - + Register webhook (optional, if you use webhook):
 - <https://docs.haravan.com/blogs/omni/ket-noi-webhooks>

3 Exchange token to omnopower token

3.1 Request

Method	URL
POST	<code>https://{shopname}.myharavan.com/admin/token_exchange.json</code>

Header:

Content-Type: application/json

Authorization: Bearer + access_token (access_token v1)

Body raw json:

```

"token_exchange": {
  "client_id" : "3822ef06f517aa588bda96d0cbb8d703",
  "secret_key" : "7626b631286351df09eabbe43bb8f128c8780d637f19b248a83a2a23c8abf818",
  "scopes" :
["offline_access","openid","profile","email","org","userinfo","wh_api","web.write_script_tags","grant_service"]
}
  
```

	Property	Required	Description
1	client_id (String)	true	App_id was obtained after creating the application at https://developers.haravan.com
2	secret_key (String)	true	App_secret was obtained after creating the application at https://developers.haravan.com

3	scopes (array string)	true	<p>Scopes include the required and the optional used to install the application</p> <ul style="list-style-type: none"> + The required: openid, profile, email, org, userinfo, grant_service + Scope using webhook : wh_api (the optional) + Other scopes must correspond to the scopes selected at preparation step <p>Note :</p> <ul style="list-style-type: none"> + When using write permission must include read permission. + When only using read permission, there is no need to write permission. + Ex : <ul style="list-style-type: none"> • com.write_products com.read_products (Use both write and read products for the application). • com.read_products (Only use read products for the application).
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3.2 Response

Status	Response
200	<pre>{ "token": { "access_token": "7658a833f780877b318a2a48cb50e16502d8e6dbfd366c08ea09b4344a72e6ac", "refresh_token": "8aa2e46cb64be7f7920f3c7834b3e7dde54d8c446e5c117b719a3832c53e2a80", "created_time": 1572407590, "expires_in": 2147483647, "token_type": "Bearer" } }</pre>
422	{"error": "Unprocessable Entity"}
401	Unauthorized

429	Too many requests
500	Something went wrong. Please try again later.

3.3 Demo on Postman

- Older applications have access_token (access_token v1) like below.

```
access_token : "HwGDhg3duw-ufFA83Dr0dxHVoia8GekSp7p24QkQes8HjwxQ-
zC1toC_vGXs6YjMk8XwxX8agyVREbAmro7pQYGrIfUcxYITxfQOsmHXyozjWak_KVT7
zerUXH7EInhJCQMj8wS41KChgY4epLy-
VKHg3KLGs614oeLqijcnm6AEg7T67sSV2OKVEq7AYZFCf2ufO2RscPbo69SZE04StVECj
cY8-
HIKStNIMKaQKYl4UvZzRxiMW5YUGmu8Ph4jf_8R02E4H2y_ojoxBQUiuIuIU0Jwa9bVR
zNznQ8s57N0HKAk1898Dii8nu-W_FQUK2YckAvt64Wtk-
wbP1Qqkz5tPA1WDBSX7iCyaRwYcMryNmc4Ozth-1AM-
BZIMeZDTHbSdQsUxH58KkFGegdLIwv0c_4crViTz8RBbr8VKymoSdiXhOKnjVsyvWMx
vLEhMf-8tpGh--QWrHMQUyZi6Z2pCe9E1kCcN74EkKZna7j58tGwN0Yw0-
SJSgGRUCODsQTfcA"
```

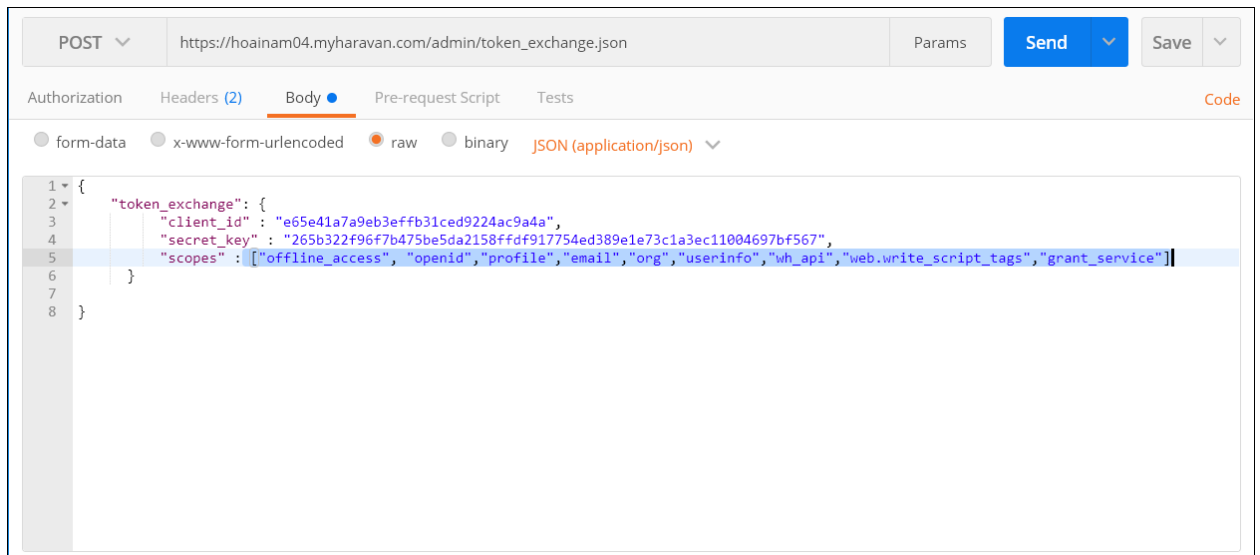
- Use this access_token to call the exchange token API.
 - + Pass this access_token into the header

The screenshot shows the Postman interface for a POST request to `https://hoainam04.myharavan.com/admin/token_exchange.json`. The 'Headers' tab is selected, displaying two headers:

Key	Value	Description
Content-Type	application/json	
Authorization	Bearer dOEWPqk33kZ3RyKJSaw8qfaQRTgwgJHchySt...	

Below the headers table, there is a 'New key' input field and a 'Value' label.

- + Pass client_id, secret_key, scopes into body



+ Finally you get access token of omnipower (access_token v2)

