

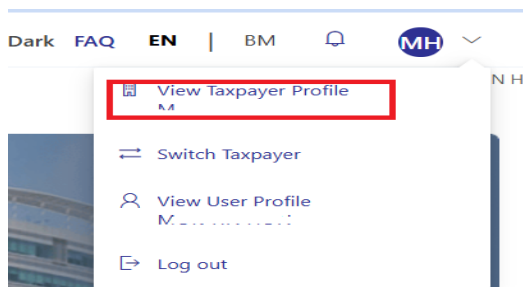
How To Generate ClientID

ClientID and secret ID is same concept as Login ID and password, it mean to login into LDHN sandbox or live portal. User is responsible for keeping it safe and privately,

ERP Solution Provider

Login to <https://mytax.hasil.gov.my/> (Live), or <https://preprod-profile.myinvois.hasil.gov.my/> (Sandbox).

1. Select the View Taxpayer Profile



2. Make sure the intermediary is ticked and the status is active. If not, please call LHDN to activate it

Digital Profile Details

Status: Active Creation Date: 24/07/2024

Intermediary

Register As Intermediary: ☐ Is Foreigner Company: ☐ Is Peppol Supported: ☐ Intermediary Status: Active

3. Select ERP Tab, Click Register ERP (if not registered before)

User Profile

Taxpayer Profile

Privacy Policy

Terms and Conditions

Register As Intermediary: ☐ Is Foreigner Company: ☐ Is Peppol Supported: ☐ Intermediary Status: InActive

Representatives

User: ERP Intermediaries

Register ERP Add Intermediary

ERP Name	Client ID	Client Secret expiration
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4. Enter any name for easy reference. Select 3 years (this means the generated ClientID will be valid for 3 years).

Add ERP System

To add an ERP system please fill in the details below and then select Register.

ERP Name *

Enter your Company Name here

Client Secret expiration *

3 Year

☒ Primary ERP System

Register Cancel

5. A dialog box will show the new ClientID and Secret Key. Copy and paste them into the ERP system. Make sure to keep a copy in a safe place for future reference.

Add ERP System

Please copy this information somewhere safe.
For security reasons, we cannot show it to you again.

Client ID

8cfb0939-238d-40ca-b125-22712165111c



Client Secret 1

8c3f4512-3083-4d7a-a4e1-aa3f1112227c



Client Secret 2

e959281e-d2f1-4dbf-b221-7162-221-221



☐ I confirm I have copied & saved the Client Secrets

6. If you have registered ERP before, you can regenerate the ClientID in case you forgot the ClientID or if it has already expired.

Representatives

 Register ERP


User

ERP

Intermediaries

ERP Name	Client ID	Client Secret expiration	
MOINTEGOT *	012 8b0d-0836 4565 b820-22...	9/1/2026	<div><div></div><div>Edit Permission</div><div>Regenerate Secrets</div></div>

7. Set the value , click generate option.

 Regenerate Secrets

Current Secrets Expiration *

Immediately

New Secrets Expiration *

3 Year

Generate

Add ERP System

Please copy this information somewhere safe.
For security reasons, we cannot show it to you again.

Client ID

8cfb0939-238d-40ca-a435-c2b710165a1c



Client Secret 1

8c3f4512-3083-4d7a-a4e1-6a2ff1112227



Client Secret 2

e959281e-d2f1-4dbf-b261-746226111227



☐ I confirm I have copied & saved the Client Secrets

- Copy and paste them into the ERP system. Make sure to keep a copy in a safe place for future reference.
- You can generate one ERP with a single set of client ID and secret ID for all your users. In this case, you only need to regenerate the ERP ClientID when it expires and update the new ClientID/secretID for all your users. However, this method has a vulnerability: any user can use the same ClientID/secretID to download other users' documents by changing the login on behalf of the particular user's TIN number.

Representatives

 Register ERP  Add Intermediary

User	ERP	Intermediaries
ERP Name	Client ID	Client Secret expiration
ERP_MAIN	013efb0d-0836-4565-b820-22...	9/1/2026
⋮ This ClientID/SecretID use for all users		

- You can generate an ERP with a unique client ID and secret ID for each user. This will solve the vulnerability issue mentioned above. However, this method is not suitable if you have many users, as you would need to regenerate and update each user's ERP client ID/secret ID individually. Imagine doing this for more than 100 users.

Representatives

 Register ERP  Add Intermediary

User	ERP	Intermediaries
ERP Name	Client ID	Client Secret expiration
ERP_USER01	013efb0d-0836-4565-b820-22...	9/1/2026
⋮ This ClientID/SecretID use for User01		
ERP_USER02	8cfb0939-238d-40ca-a435-c2...	10/1/2026
⋮ This ClientID/SecretID use for User02		
.....		
ERP_User100	9ea5b5d0-6d9b-4b58-8c9e-0...	2/1/2026
⋮ This ClientID/SecretID use for User100		

11. Important: As an ERP provider, please DO NOT use the 'Add Intermediary' button to add your users. If you do, these users will have problems connecting to LHDN via your ClientID/secret ID. This might cause a cyclic dependency issue.

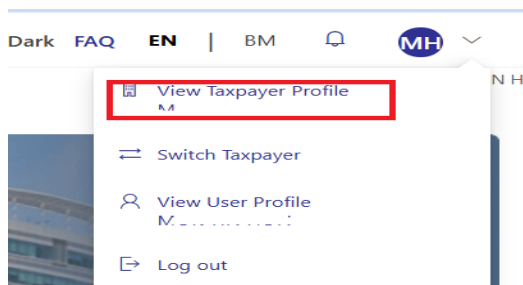


12. Pass the name you registered the ERP with, along with your TIN and BRN numbers, to your users for adding an intermediary in their portal.

For ERP User

Login to <https://mytax.hasil.gov.my/> (Live), or <https://preprod-profile.myinvois.hasil.gov.my/> (Sandbox).

1. Select the View Taxpayer Profile



2. Click the 'Add Intermediary' button and fill in the ERP provider's TIN, BRN, and Name. The name should normally match the Taxpayer Name as found on the ERP provider portal profile. (eg. **MXXX_XXXXIN MING**).

Add Intermediary

Here is the ERP provider TIN
TIN *

Enter TIN

Here is The ERP provider BRN No.
BRN *

Enter BRN

The ERP name from the ERP Provider Portal
Name *

Enter Name

Y I W j H s C

Enter Captcha Value

Is Foreign Company

Is Peppol Supported

Status

Continue

3. Set the access rights for the ERP provider to submit, cancel, and request rejection.4.

Edit Intermediary

Allow the ERP provider to submit on behalf until when?

Representation From *

Representation To

07/08/2024

01/01/2027

Permissions

Document - View (Always enabled)

Document - Submit

Document - Cancel

Document - Request Rejection

Notifications - View

Allow to submit on behalf

Allow to cancel on behalf

Allow to request reject on behalf

Reset all to default

Save

4. If a user wants to stop the ERP provider from submitting documents on their behalf, simply select the intermediary record, click the three-dot option, click edit, and set the representation date range to a past date. Then, disable all the access rights. If the intermediary has expired, follow the same process, but edit the representation date range to a new future date range.

Representatives

User

ERP

Intermediaries

Register ERP

Add Intermediary

	TIN	BRN	Appointed Date From - To	Foreign Company	Support	Status	
XXDN BHD	C20407777100	200801012943	7/8/2024-31/12/2024	No	No	Expired	<div><div></div><div>Edit</div></div>

Why Need Intermediary?

An intermediary allows the ERP provider to share a digital certificate with all users, so they don't need to purchase the certificate yearly. The digital certificate is primarily used for submitting documents. In simple terms, the digital certificate verifies that the document originates from the correct person. If users are concerned about security, they can use their own ClientID/SecretID and purchase their own certificate.

Note: Using an intermediary ClientID prohibits downloading documents sent by other parties (i.e., the user's suppliers). To download documents sent by other parties, the user must use their own ClientID/SecretID.

How To Test Intermediary

In your system, set up the login as an intermediary as stated in the SDK

(<https://sdk.myinvois.hasil.gov.my/api/08-login-as-intermediary-system>). The Client ID and Secret ID are provided by you (the ERP solution provider), and the on-behalf TIN is the user TIN number. Once successfully logged in, copy the JWT token string and decode it via JWT Decode (<https://fusionauth.io/dev-tools/jwt-decoder>). If the intermediary is set up properly, the decoded token should look like this.

```
Payload
1 {
2   "iss": "https://preprod-identity.myinvois.hasil.gov.my",
3   "nbf": 1735712543,
4   "iat": 1735712543,
5   "exp": 1735716143,
6   "aud": [
7     "InvoicingAPI",
8     "https://preprod-identity.myinvois.hasil.gov.my/resources"
9   ],
10  "scope": [
11    "InvoicingAPI"
12  ],
13  "client_id": "8b1c402f-6f79-4e9b-8c34-86f78a7b0ee5", ERP Provider Client ID
14  "Permissions": [
15    "CancelDoc",
16    "RejectDoc",
17    "SubmitDoc",
18    "ViewDoc",
19    "ViewNotification"
20  ],
21  "IsTaxRepres": "1",
22  "IsIntermediary": "1",
23  "IntermedId": "1391",
24  "IntermedTIN": "C2040777777", ERP Provider TIN No.
25  "IntermedROB": "",
26  "IntermedEnforced": "2",
27  "name": "C24029457777:8b1c402f-6f79-4e9b-8c34-86f78a7b0ee5",
28  "SSId": "c48c5056-9367-e259-4fb2-4707e02c0033",
29  "preferred_username": "WERP System",
30  "TaxId": "26834",
31  "TaxpayerTIN": "C24029177777", The ERP system user's TIN No
32  "ProfId": "615",
33  "IsTaxAdmin": "0",
34  "IsSystem": "1"
```

If the decoded token does not look like this, when you try to submit a document on behalf of this user, you will encounter the error: 'The authenticated TIN and document's TIN do not match.'

Simple C# code to test

```
using Newtonsoft.Json;
using System;
using System.Collections.Generic;
using System.IO;
using System.Net.Http;
class Program
{
    public class Token
    {
        public string access_token { get; set; }
        public string token_type { get; set; }
        public int expires_in { get; set; }
        public string scope { get; set; }
    }

    static void Main(string[] args)
    {
        var client = new HttpClient();
        var request = new HttpRequestMessage(HttpMethod.Post, "https://api.myinvois.hasil.gov.my/connect/token");
        request.Headers.Add("onbehalfof", "your user TIN Number here");
        var collection = new List<KeyValuePair<string, string>>();
        collection.Add(new KeyValuePair<string, string>("client_id", "erp provider client id here"));
        collection.Add(new KeyValuePair<string, string>("client_secret", "erp provider secret id here"));
        collection.Add(new KeyValuePair<string, string>("grant_type", "client_credentials"));
        collection.Add(new KeyValuePair<string, string>("scope", "InvoicingAPI"));
        var content = new FormUrlEncodedContent(collection);
        request.Content = content;
        var task = client.SendAsync(request);
        task.Wait();
        var response = task.Result;
        response.EnsureSuccessStatusCode();
        var task2 = response.Content.ReadAsStringAsync();
        task2.Wait();
        //Console.WriteLine(task2.Result);
        Token jwttoken = JsonConvert.DeserializeObject<Token>(task2.Result);
        Console.WriteLine("Token : {0}", jwttoken.access_token);
        // cut and paste the  jwttoken.access_token to https://fusionauth.io/dev-tools/jwt-decoder to decode it.
    }
}
```