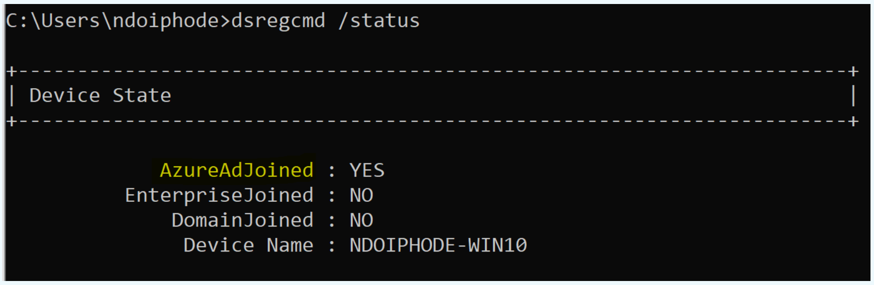
Entra: HYPR Enterprise Passkey in CC

HYPR Enterprise Passkey (a.k.a. the FIDO2 Mobile Authenticator pattern) enables your HYPR Mobile App-enabled device to act as a FIDO2 security key when authenticating through Microsoft Entra. Once implemented, Entra will see any affected mobile devices as hard token passkeys.

HYPR Enterprise Passkey can be integrated with several different workstation setups, depending on your environment:

- *Non-domain-joined*: Windows workstation is not joined to any domain and is owned by the user; the user can login via a Microsoft account or an account local to the machine
- *On-premises Active Directory*: Windows workstation is joined to an on-premises Active Directory and is owned by the user; the user can login to any workstation which is joined to same domain using the user credentials on the domain controller
- *Entra only joined*: Windows workstation is joined directly to the Entra cloud; the user can login to any workstation joined to Entra AD using the user account in Entra
- *Hybrid Entra Domain-joined*: Windows workstation is joined to both the on-premises Active Directory and to the Entra cloud; the user can login using the user credentials on the domain controller.
- Use the following command to check the status of a Windows workstation:

```
dsregcmd /status
```



```
C:\Users\ndoiphode>dsregcmd /status

+----------------------------------------------------------------------+
| Device State                                                         |
+----------------------------------------------------------------------+

             AzureAdJoined : YES
          EnterpriseJoined : NO
              DomainJoined : NO
               Device Name : NDOIPHODE-WIN10
```

Only AzureAdJoined is set to Yes because the workstation is only joined to AzureAD

In case of HYBRID workstation, DomainJoined will be set to Yes as well

Feature Flags

Following Feature Flags are required to be enabled for the rpApp:

Mandatory to be enabled (No Wifi or BLE)

✅AZURE_IDP_INTEGRATION
✅AZURE_NATIVE_LOGIN
✅FIDO2_MOBILE_AUTHENTICATOR
✅RP_APP_WORKSTATION_ENABLED

✅AZURE_PROVISION_API

What You'll Need

Server/Tenant

- Make sure you have the **Entra tenant** available and an account that exists on the *.onmicrosoft.com domain with **Global Admin Access**
    - Enable FIDO2 Security Keys in the Entra tenant as referenced here or here
- You should have an **Intune account** on the *.onmicrosoft.com domain with **Global Admin Access** with Intune licenses
    - Enable the FIDO2 Security Key Credential Provider in Intune:
        - Enabling for new workstation joins
        - Enabling for existing workstation joins
        - Microsoft documentation

Workstation

- Currently the workstation/VM OS must be **Windows**, as macOS is not yet supported

- Entra **only joined** or hybrid-joined VMs or physical laptops with which to test
- Ensure the Windows Workstation OS patch level requirements are met
- HYPR Passwordless client must be installed on the affected workstation(s)
- Workstation support for FIDO2 security keys will vary depending on how the workstation is joined:
    - Microsoft does not support FIDO2 security keys for authentication to Active Directory workstations
    - Microsoft supports FIDO2 security keys for authentication to Hybrid Entra AD joined workstations
    - Microsoft supports FIDO2 security keys for authentication to Entra AD joined workstations
- Hybrid workstations only:
    - Ensure Domain Controller patch level requirements are met
    - Ensure AES256_HMAC_SHA1 is enabled [required]
    - Configure Active Directory and Entra to support Entra AD Kerberos
    - Additional steps to support administrative accounts.
        - By default, these accounts can't use security keys

Setting Up the Entra AD Tenant

Using Powershell script

Shell

```
# Connect to Microsoft Graph with admin-level scopes
Connect-MgGraph -Scopes "Application.ReadWrite.All", "AppRoleAssignment.ReadWrite.All", "Directory.ReadWrite.All" -NoWelcome

# Define basic variables
$appName = "HYPRAuthAppTest"
$graphAppId = "00000003-0000-0000-c000-000000000000"  # Microsoft Graph API App ID
```

```
$redirectUri = "https://login.microsoftonline.com/common/oauth2/nativeclient"

# Define required permissions (delegated and application)
$requiredResourceAccess = @(
    @{
        ResourceAppId = $graphAppId
        ResourceAccess = @(
            # Delegated permissions (Type = Scope)
            @{ Id = "0e263e50-5827-48a4-b97c-d940288653c7"; Type = "Scope" }
# Directory.AccessAsUser.All
            @{ Id = "b7887744-6746-4312-813d-72daeaee7e2d"; Type = "Scope" }
# UserAuthenticationMethod.ReadWrite.All

            # Application permissions (Type = Role)
            @{ Id = "19dbc75e-c2e2-444c-a770-ec69d8559fc7"; Type = "Role" }
# Directory.ReadWrite.All
            @{ Id = "50483e42-d915-4231-9639-7fdb7fd190e5"; Type = "Role" }
# UserAuthenticationMethod.ReadWrite.All
        )
    }
)

# Create the App Registration
$app = New-MgApplication -DisplayName $appName `
    -Web @{ RedirectUris = @($redirectUri) } `
    -RequiredResourceAccess $requiredResourceAccess

Write-Host "✅ App Registration created. App ID: $($app.AppId)"

# Wait briefly for AAD to replicate
Start-Sleep -Seconds 10

# Create the service principal
$sp = New-MgServicePrincipal -AppId $app.AppId
Write-Host "✅ Service Principal created. Service Principal ID: $($sp.Id)"

# Get Microsoft Graph Service Principal
$graphSp = Get-MgServicePrincipal -Filter "appId eq '$graphAppId'"
$graphSpId = $graphSp.Id

# Assign **Application permissions** via AppRoleAssignments (delegated ones are
not assigned this way!)
$appRoleAssignments = @(
```

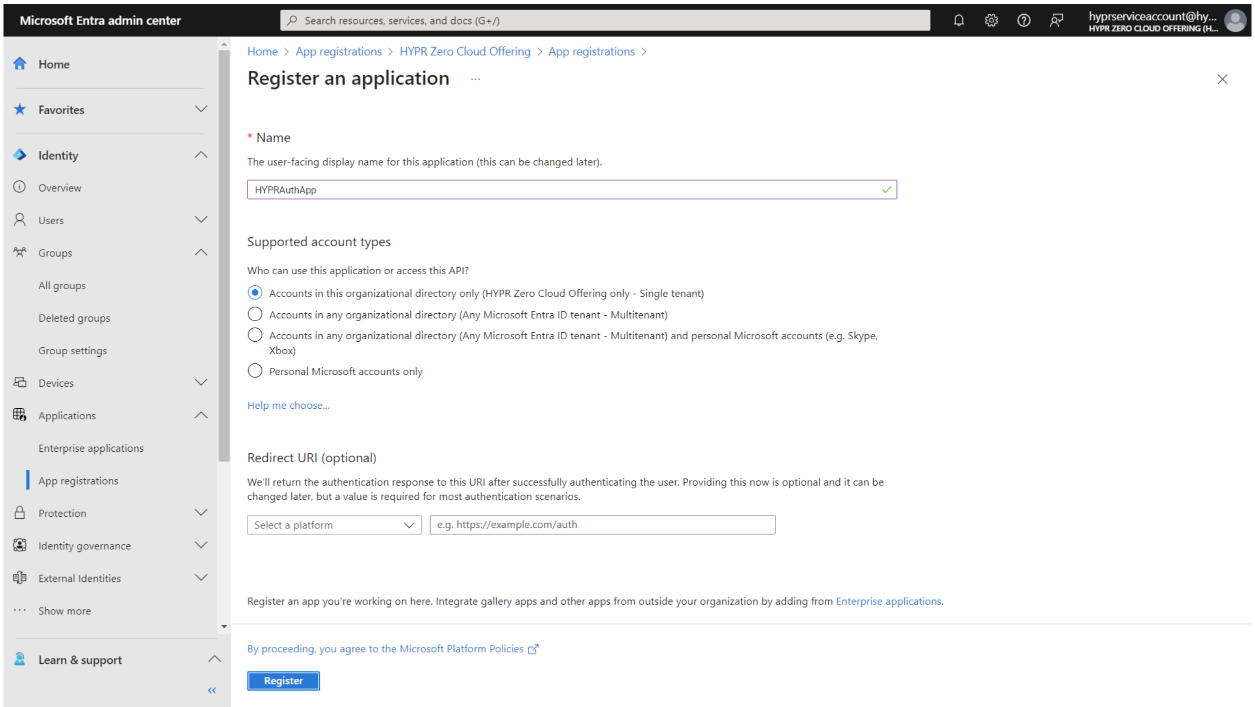
```powershell
    @{ AppRoleId = "19dbc75e-c2e2-444c-a770-ec69d8559fc7" }  # Directory.ReadWrite.All
    @{ AppRoleId = "50483e42-d915-4231-9639-7fdb7fd190e5" }  # UserAuthenticationMethod.ReadWrite.All
)

foreach ($role in $appRoleAssignments) {
    # Perform the role assignment silently (no output for each role assignment)
    New-MgServicePrincipalAppRoleAssignment -ServicePrincipalId $sp.Id `
        -PrincipalId $sp.Id `
        -ResourceId $graphSpId `
        -AppRoleId $role.AppRoleId | Out-Null
}

# Create a client secret
$secret = Add-MgApplicationPassword -ApplicationId $app.Id
Write-Host "`n🔐 Client secret created:"
Write-Host "ClientId: $($app.AppId)"
Write-Host "ClientSecret: $($secret.SecretText)"
Write-Host "TenantId: $((Get-MgContext).TenantId)"

# Generate the Admin Consent URL for the required permissions
$tenantId = (Get-MgContext).TenantId
$adminConsentUrl = "https://login.microsoftonline.com/$tenantId/adminconsent?client_id=$($app.AppId)&state=12345&redirect_uri=$redirectUri"

Write-Host "`n🚨 Please grant admin consent via the following URL in your browser:"
Write-Host $adminConsentUrl

Write-Host "`n🔑 Admin consent for the required permissions will need to be granted by an admin user."
Write-Host "Please copy and paste the URL into your browser and proceed with granting the required permissions."
```

Note: Change the app name to match required by HYPR

OR via User interface

Register Application

1. From the Home screen, select **Entra Active Directory > App registrations > New registration**.



Home > App registrations > HYPR Zero Cloud Offering > App registrations >

Register an application

* Name

The user-facing display name for this application (this can be changed later).

HYPRAuthApp

Supported account types

Who can use this application or access this API?

● Accounts in this organizational directory only (HYPR Zero Cloud Offering only - Single tenant)

○ Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)

○ Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)

○ Personal Microsoft accounts only

Help me choose...

Redirect URI (optional)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

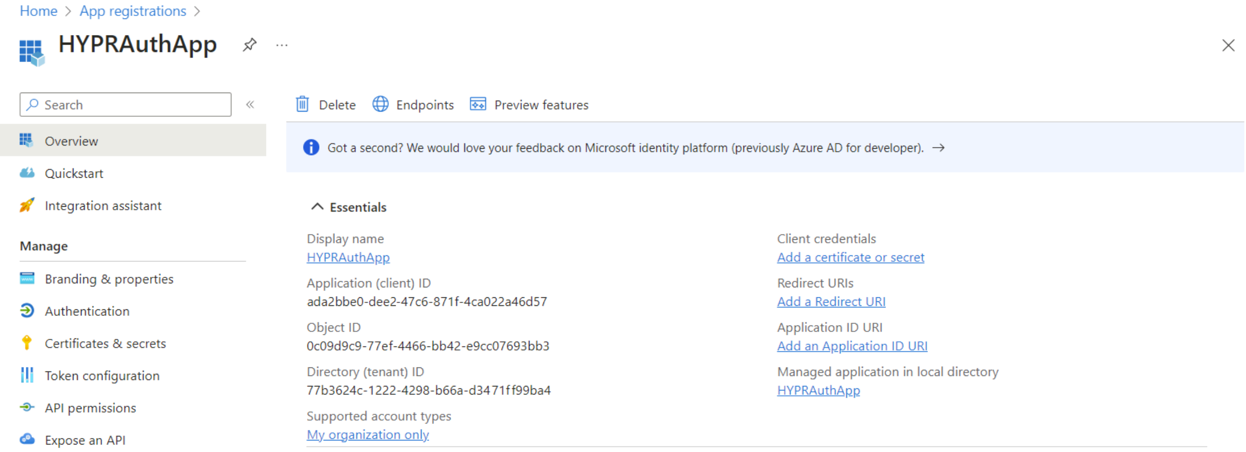
Select a platform | e.g. https://example.com/auth

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from Enterprise applications.

By proceeding, you agree to the Microsoft Platform Policies

Register

2. On the *Register an application* dialog:
    - Enter the application name: **HYPRAuthApp**
    - Select **Accounts in this organizational directory only**
    - Click **Register** when done
3. Save the clientId and tenantId. You will need these later for PowerShell and HYPR's UX configuration.



Got a second? We would love your feedback on Microsoft identity platform (previously Azure AD for developer). →

Essentials

Display name
HYPRAuthApp

Application (client) ID
ada2bbe0-dee2-47c6-871f-4ca022a46d57

Object ID
0c09d9c9-77ef-4466-bb42-e9cc07693bb3

Directory (tenant) ID
77b3624c-1222-4298-b66a-d3471ff99ba4

Supported account types
My organization only

Client credentials
Add a certificate or secret

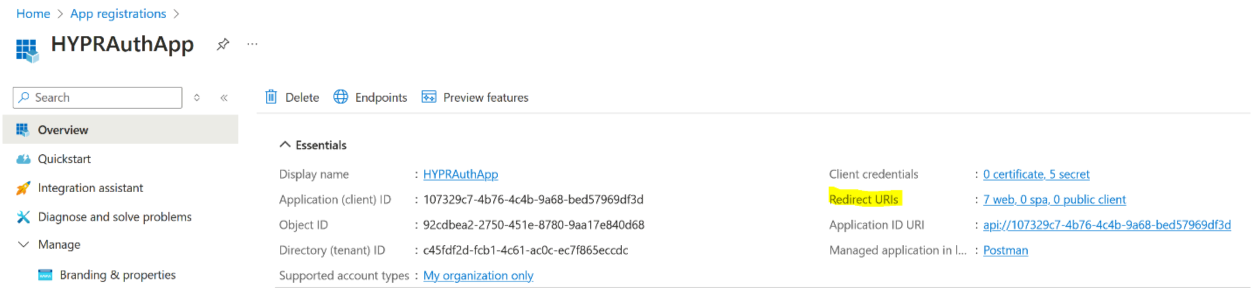
Redirect URIs
Add a Redirect URI

Application ID URI
Add an Application ID URI

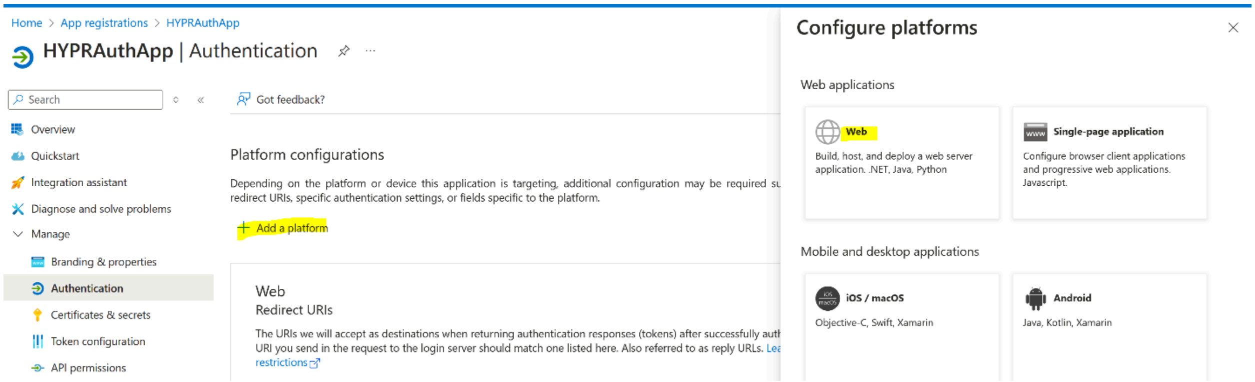
Managed application in local directory
HYPRAuthApp

Configure a Web Redirect URI

Entra ID --> App Registrations --> “HYPR app” --> redirect URI --> *“https://login.microsoftonline.com/common/oauth2/nativeclient”*



Display name	: HYPRAuthApp	Client credentials	: 0 certificate, 5 secret
Application (client) ID	: 107329c7-4b76-4c4b-9a68-bed57969df3d	Redirect URIs	: 7 web, 0 spa, 0 public client
Object ID	: 92cdbea2-2750-451e-8780-9aa17e840d68	Application ID URI	: api://107329c7-4b76-4c4b-9a68-bed57969df3d
Directory (tenant) ID	: c45fdf2d-fcb1-4c61-ac0c-ec7f865eccdc	Managed application in l...	: Postman
Supported account types	: My organization only		



Platform configurations

Depending on the platform or device this application is targeting, additional configuration may be required su redirect URIs, specific authentication settings, or fields specific to the platform.

Web

Redirect URIs

The URIs we will accept as destinations when returning authentication responses (tokens) after successfully auth URI you send in the request to the login server should match one listed here. Also referred to as reply URLs. Lea restrictions

Web applications

Web

Build, host, and deploy a web server application. .NET, Java, Python

Single-page application

Configure browser client applications and progressive web applications. Javascript.

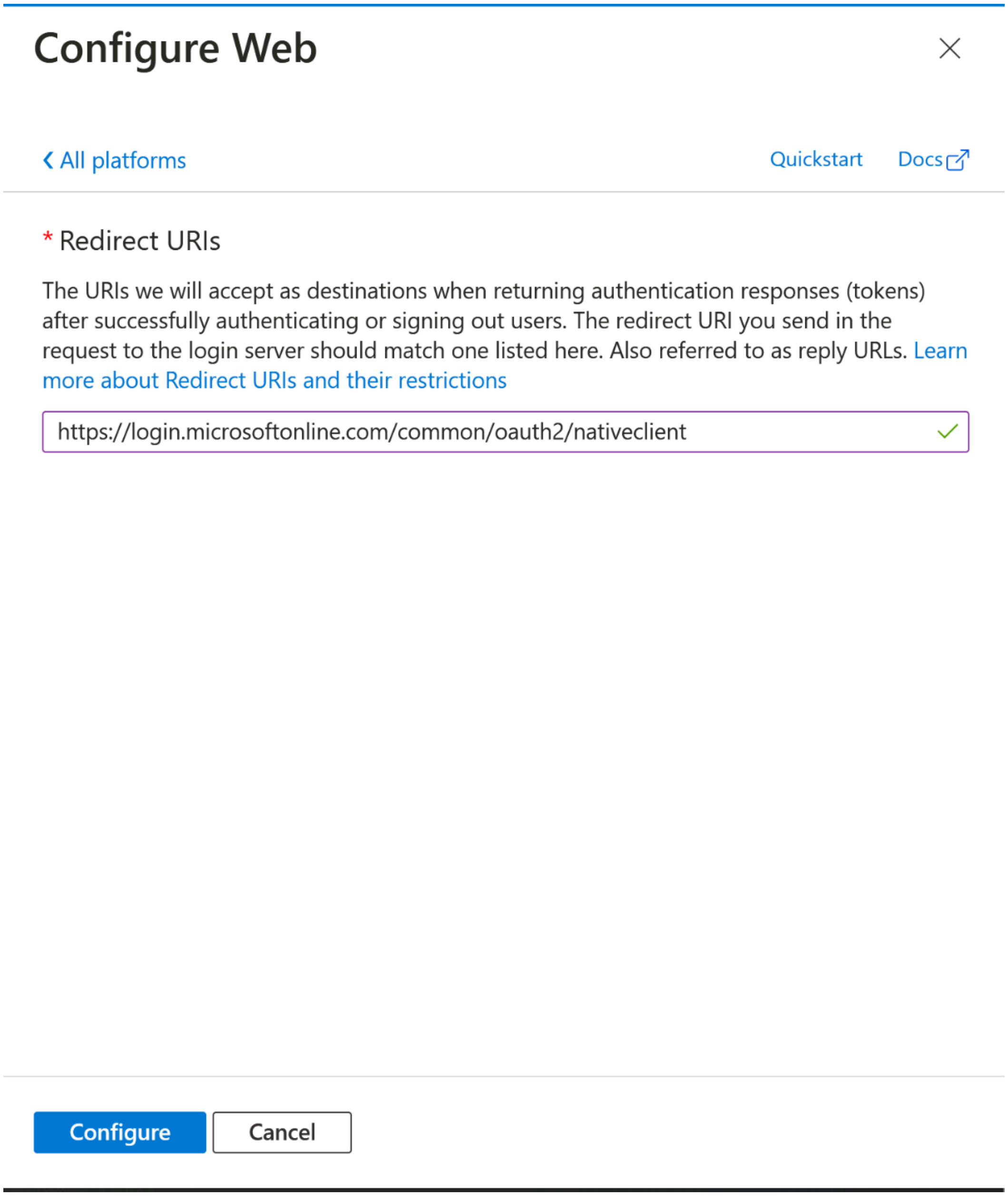
Mobile and desktop applications

iOS / macOS

Objective-C, Swift, Xamarin

Android

Java, Kotlin, Xamarin



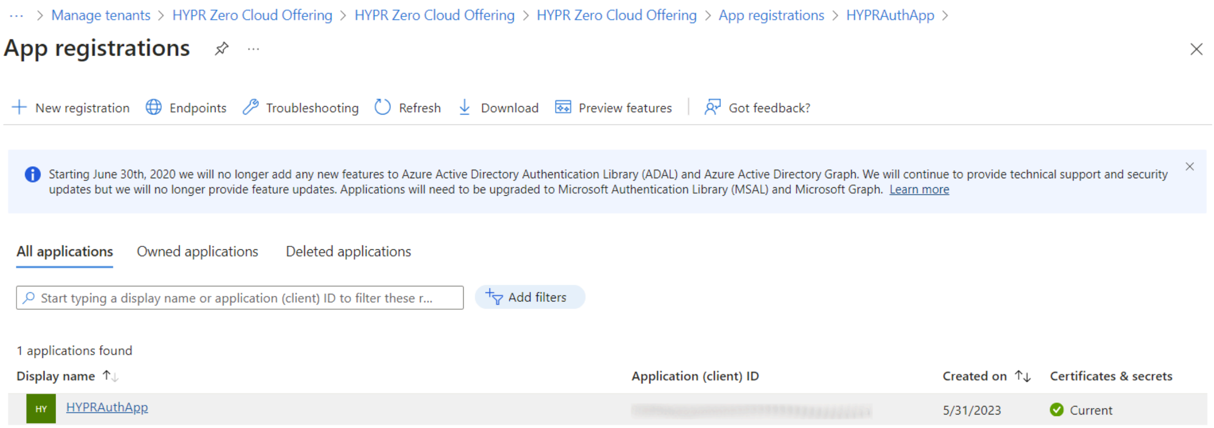
* Redirect URIs

The URIs we will accept as destinations when returning authentication responses (tokens) after successfully authenticating or signing out users. The redirect URI you send in the request to the login server should match one listed here. Also referred to as reply URLs. Learn more about Redirect URIs and their restrictions

https://login.microsoftonline.com/common/oauth2/nativeclient ✓

Grant Required API Permissions

1. From the Entra Active Directory screen, select **App registrations** and **select the app you just made**.


… > Manage tenants > HYPR Zero Cloud Offering > HYPR Zero Cloud Offering > HYPR Zero Cloud Offering > App registrations > HYPRAuthApp >
App registrations
+ New registration
Endpoints
Troubleshooting
Refresh
Download
Preview features
Got feedback?
All applications
Owned applications
Deleted applications
Start typing a display name or application (client) ID to filter these r...
Add filters

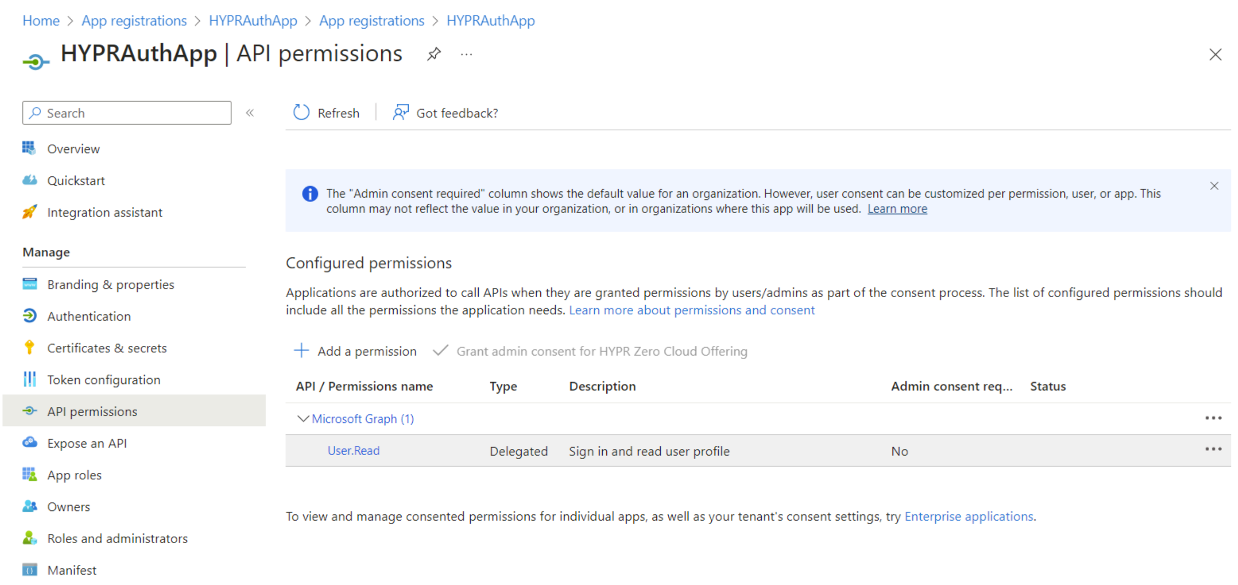
Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. Learn more

1 applications found

Display name ↑↓	Application (client) ID	Created on ↑↓	Certificates & secrets
HY HYPRAuthApp	[redacted]	5/31/2023	✓ Current

2. While that app is selected, click **API permissions**.

3. By default, the application will already have Microsoft Graph's *User.Read* permission. This isn't required, so **remove it** by clicking the **...** icon and choosing **Remove permission**. Click **Yes, remove** to confirm when prompted.



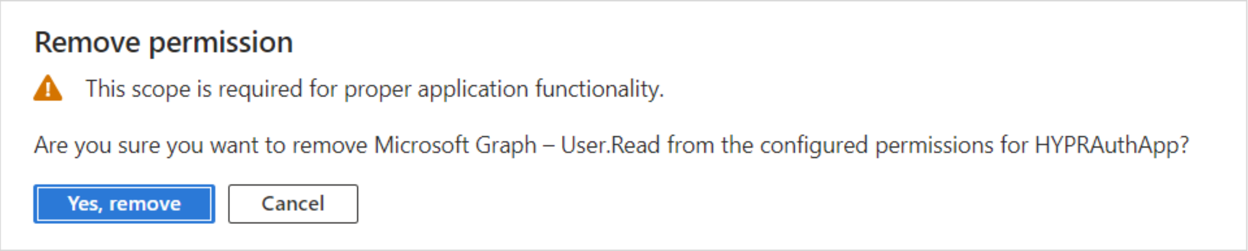
The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. Learn more

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. Learn more about permissions and consent

API / Permissions name	Type	Description	Admin consent req...	Status
Microsoft Graph (1)				
User.Read	Delegated	Sign in and read user profile	No	

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try Enterprise applications.

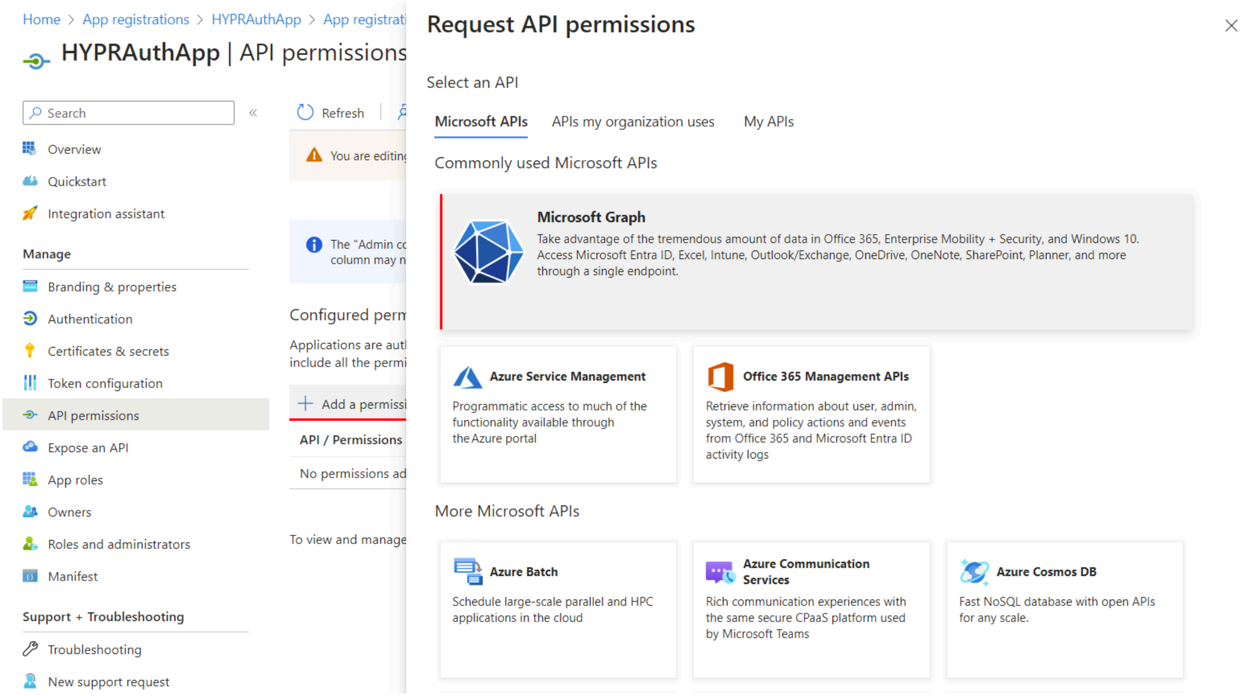


Remove permission

This scope is required for proper application functionality.

Are you sure you want to remove Microsoft Graph – User.Read from the configured permissions for HYPRAuthApp?

4. Click **Add a permission**, and on the tiled choices, select **Microsoft Graph**.



Request API permissions

Select an API

Commonly used Microsoft APIs

Microsoft Graph
Take advantage of the tremendous amount of data in Office 365, Enterprise Mobility + Security, and Windows 10. Access Microsoft Entra ID, Excel, Intune, Outlook/Exchange, OneDrive, OneNote, SharePoint, Planner, and more through a single endpoint.

Azure Service Management
Programmatic access to much of the functionality available through the Azure portal

Office 365 Management APIs
Retrieve information about user, admin, system, and policy actions and events from Office 365 and Microsoft Entra ID activity logs

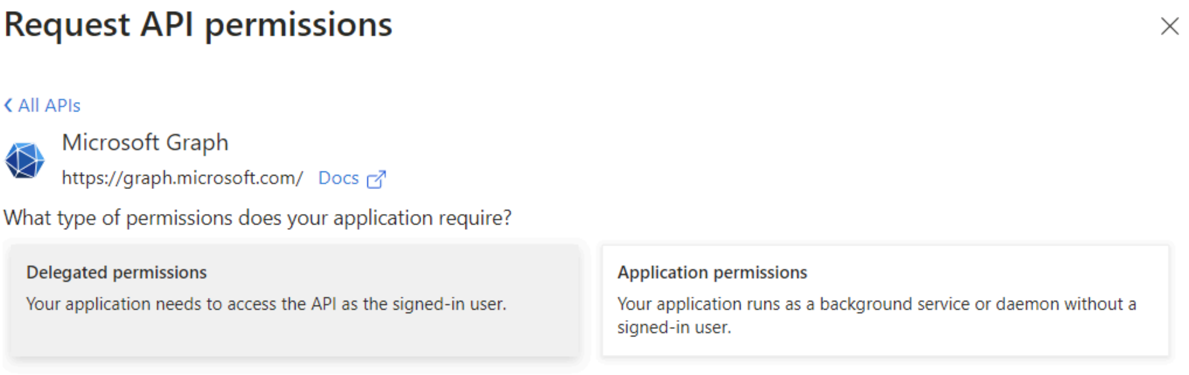
More Microsoft APIs

Azure Batch
Schedule large-scale parallel and HPC applications in the cloud

Azure Communication Services
Rich communication experiences with the same secure CPaaS platform used by Microsoft Teams

Azure Cosmos DB
Fast NoSQL database with open APIs for any scale.

5. Select **Delegated permissions**.



Request API permissions

< All APIs

Microsoft Graph

https://graph.microsoft.com/ Docs

What type of permissions does your application require?

Delegated permissions

Your application needs to access the API as the signed-in user.

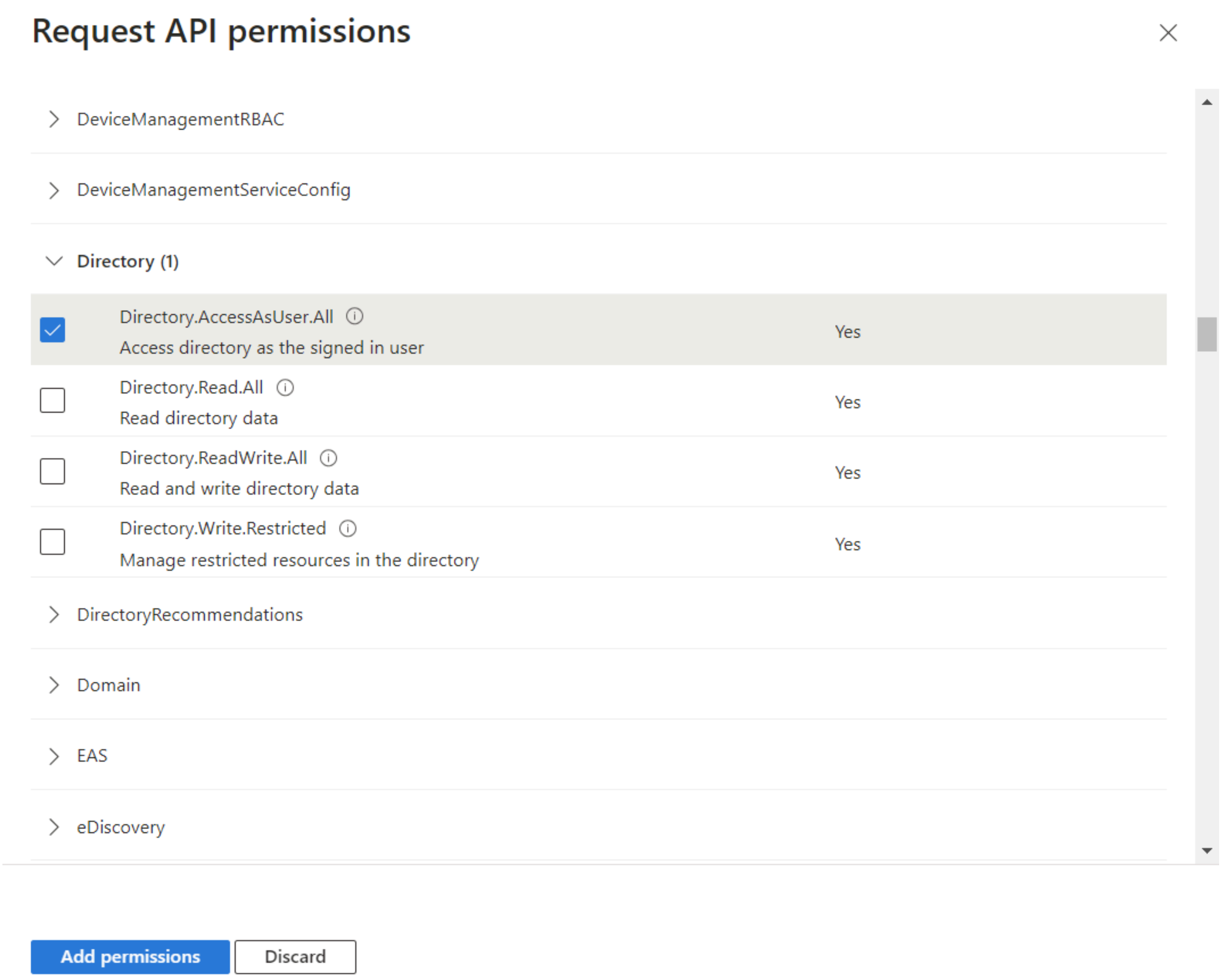
Application permissions

Your application runs as a background service or daemon without a signed-in user.

Delegated by Default

Sometimes Entra will not display the option for Delegated or Application permissions, and will immediately assume Delegated as the choice. As no Application permissions are required, this works in your favor. However, after you grant Admin Consent later in the process, you will be able to verify the permission type.

6. Scroll down and locate **Directory.AccessAsUser.All***. Add it, then continue scrolling to find and add **UserAuthenticationMethod.ReadWrite.All**.



Request API permissions

> DeviceManagementRBAC

> DeviceManagementServiceConfig

∨ Directory (1)

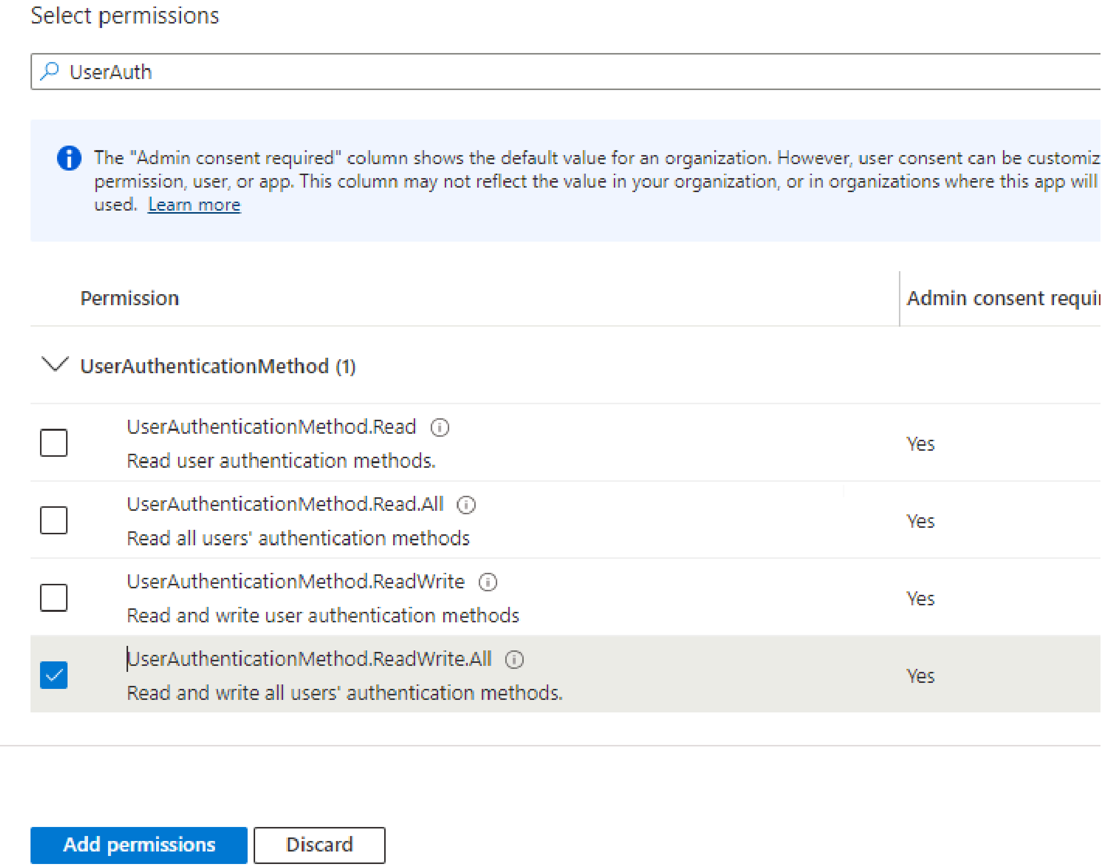
☑	Directory.AccessAsUser.All ⓘ Access directory as the signed in user	Yes
☐	Directory.Read.All ⓘ Read directory data	Yes
☐	Directory.ReadWrite.All ⓘ Read and write directory data	Yes
☐	Directory.Write.Restricted ⓘ Manage restricted resources in the directory	Yes

> DirectoryRecommendations

> Domain

> EAS

> eDiscovery



Select permissions

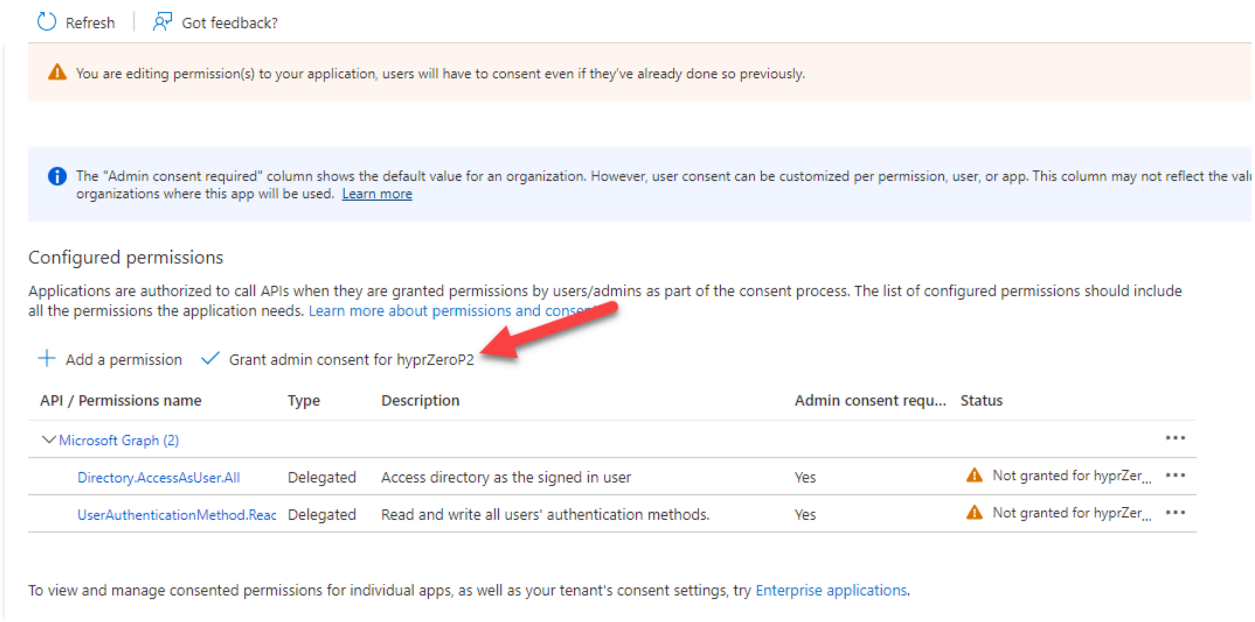
UserAuth

The "Admin consent required" column shows the default value for an organization. However, user consent can be customiz permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will used. Learn more

	Permission	Admin consent requi
	UserAuthenticationMethod (1)	
□	UserAuthenticationMethod.Read Read user authentication methods.	Yes
□	UserAuthenticationMethod.Read.All Read all users' authentication methods	Yes
□	UserAuthenticationMethod.ReadWrite Read and write user authentication methods	Yes
☑	UserAuthenticationMethod.ReadWrite.All Read and write all users' authentication methods.	Yes

7. Click **Add Permissions** when done.

8. You must now **Grant admin consent** for the permissions to take effect.



You are editing permission(s) to your application, users will have to consent even if they've already done so previously.

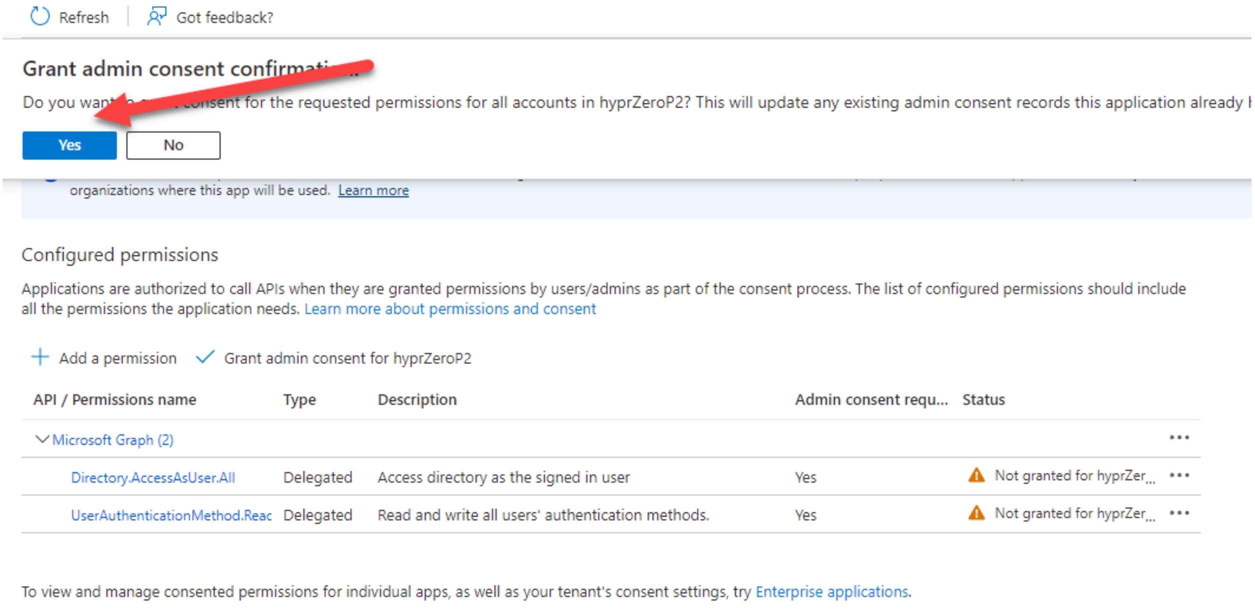
The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the valu organizations where this app will be used. Learn more

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. Learn more about permissions and consent

API / Permissions name	Type	Description	Admin consent requ...	Status	
Microsoft Graph (2)					•••
Directory.AccessAsUser.All	Delegated	Access directory as the signed in user	Yes	⚠ Not granted for hyprZer...	•••
UserAuthenticationMethod.Reac	Delegated	Read and write all users' authentication methods.	Yes	⚠ Not granted for hyprZer...	•••

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try Enterprise applications.



Grant admin consent confirmation.

Do you want to grant consent for the requested permissions for all accounts in hyprZeroP2? This will update any existing admin consent records this application already h

organizations where this app will be used. Learn more

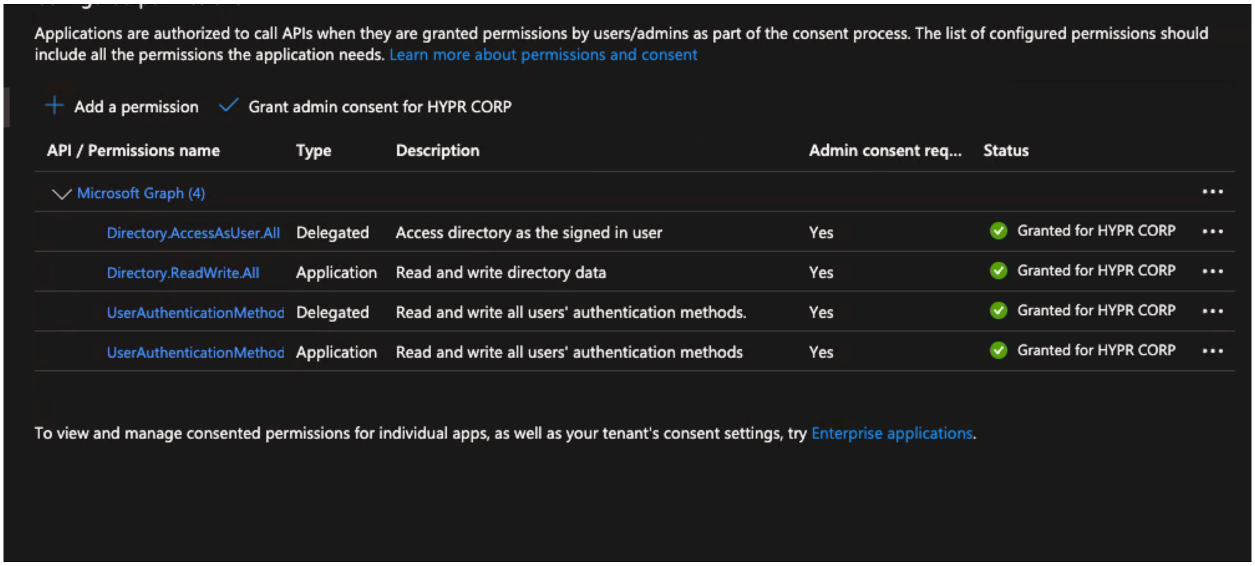
Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. Learn more about permissions and consent

API / Permissions name	Type	Description	Admin consent requ...	Status	
Microsoft Graph (2)					•••
Directory.AccessAsUser.All	Delegated	Access directory as the signed in user	Yes	⚠ Not granted for hyprZer...	•••
UserAuthenticationMethod.Reac	Delegated	Read and write all users' authentication methods.	Yes	⚠ Not granted for hyprZer...	•••

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try Enterprise applications.

****Updated Permissions 10.1



Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. Learn more about permissions and consent

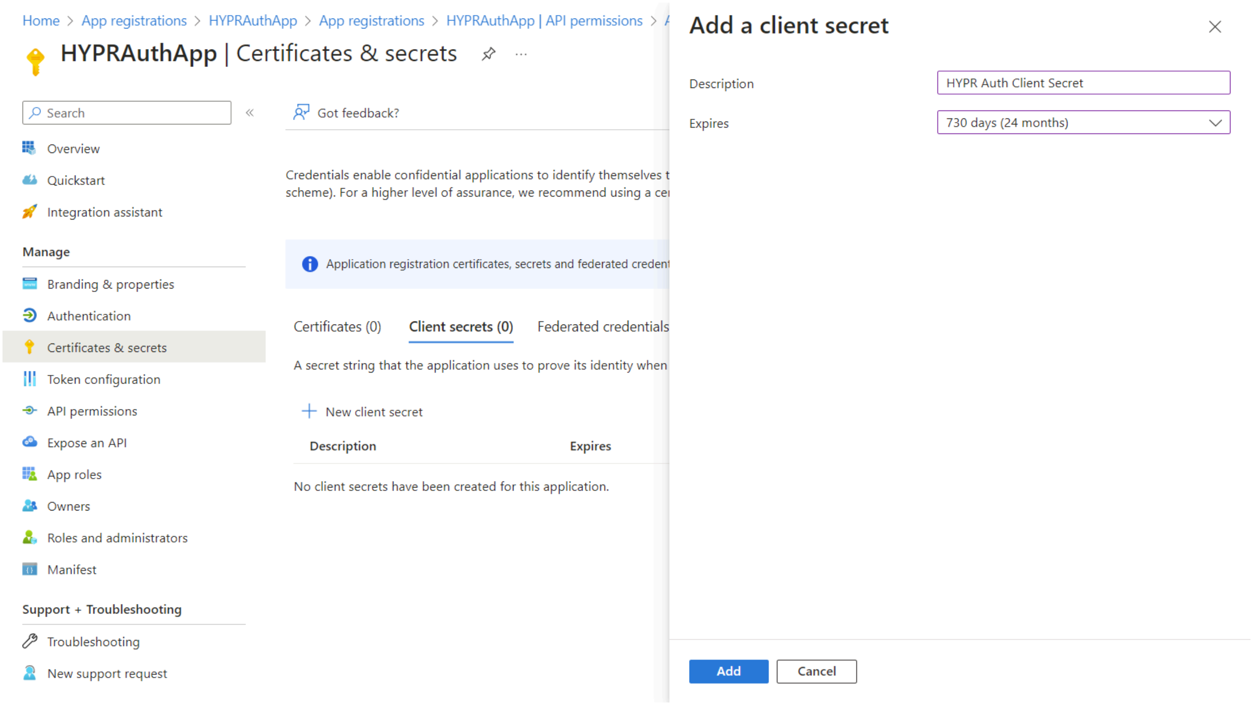
API / Permissions name	Type	Description	Admin consent req...	Status
∨ Microsoft Graph (4)				
Directory.AccessAsUser.All	Delegated	Access directory as the signed in user	Yes	✓ Granted for HYPR CORP
Directory.ReadWrite.All	Application	Read and write directory data	Yes	✓ Granted for HYPR CORP
UserAuthenticationMethod	Delegated	Read and write all users' authentication methods.	Yes	✓ Granted for HYPR CORP
UserAuthenticationMethod	Application	Read and write all users' authentication methods	Yes	✓ Granted for HYPR CORP

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try Enterprise applications.

Creating a Client Secret

You'll need to provide a client secret when you set up the integration in the HYPR Control Center. Generate the client secret in Entra as follows:

1. From the Entra Active Directory screen, select **App registrations** and choose your app.
2. Select **Certificates & secrets**, then click **New client secret**.



Credentials enable confidential applications to identify themselves t scheme). For a higher level of assurance, we recommend using a cer

Application registration certificates, secrets and federated credent

A secret string that the application uses to prove its identity when

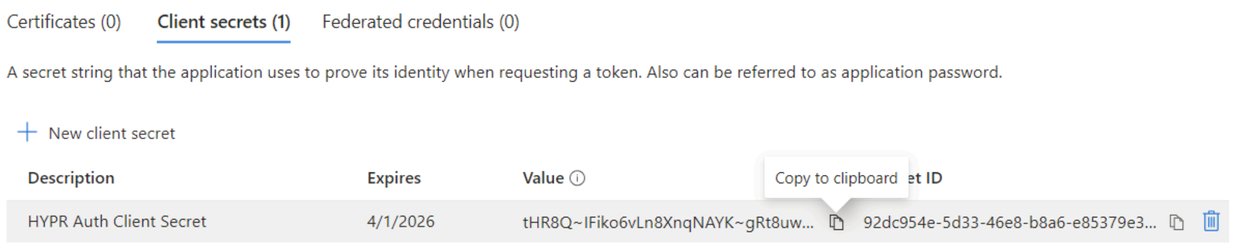
Description	Expires

No client secrets have been created for this application.

Add a client secret

Description	HYPR Auth Client Secret
Expires	730 days (24 months)

3. Enter a **Description** and an **Expires** date. Click **Add** when finished. Entra returns to the *Certificates and Secrets* list.
4. **Make a note of the client secret value** now so you can use it later.



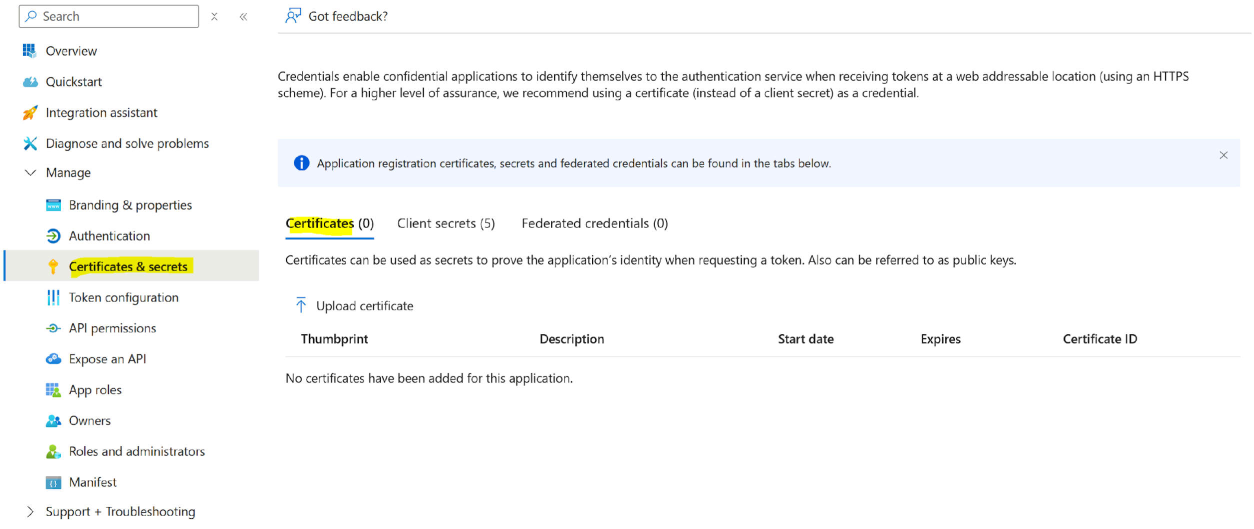
A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

Description	Expires	Value	et ID
HYPR Auth Client Secret	4/1/2026	tHR8Q~IFiko6vLn8XnqNAYK~gRt8uw...	92dc954e-5d33-46e8-b8a6-e85379e3...

One Time Only

If you return to this screen later, Entra will mask the value and you won't be able to copy it.

5. OR Use Certificates



Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Application registration certificates, secrets and federated credentials can be found in the tabs below.

Certificates (0) | Client secrets (5) | Federated credentials (0)

Certificates can be used as secrets to prove the application's identity when requesting a token. Also can be referred to as public keys.

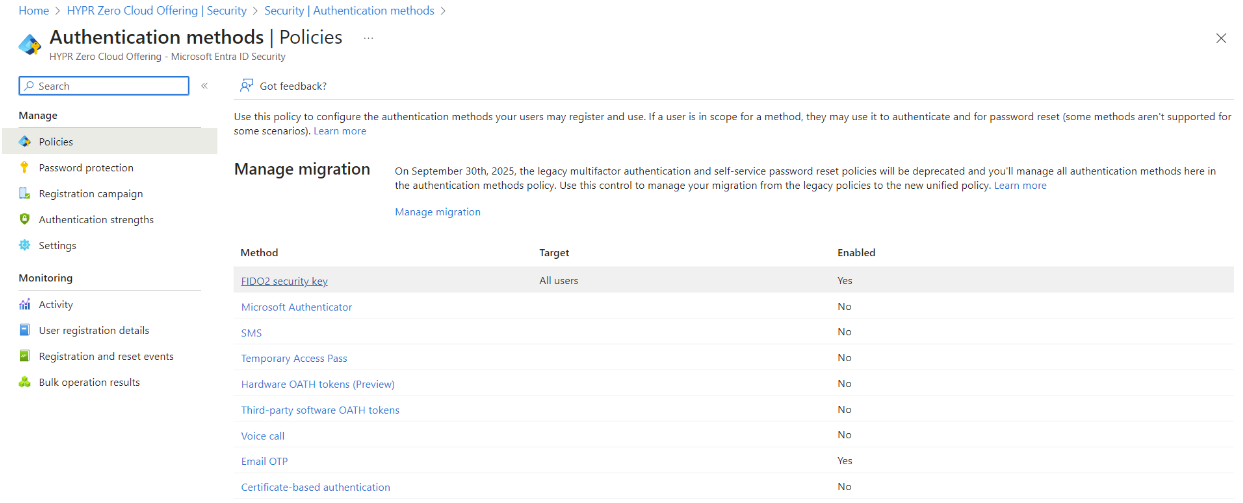
Upload certificate

Thumbprint	Description	Start date	Expires	Certificate ID

No certificates have been added for this application.

Enable Security Keys in the Entra Tenant

1. **Login** to entra.microsoft.com as a global admin account.
2. Navigate to **Entra Active Directory > Security > Authentication methods**. Click **FIDO2 security key**.



Authentication methods | Policies

HYPR Zero Cloud Offering - Microsoft Entra ID Security

Use this policy to configure the authentication methods your users may register and use. If a user is in scope for a method, they may use it to authenticate and for password reset (some methods aren't supported for some scenarios). Learn more

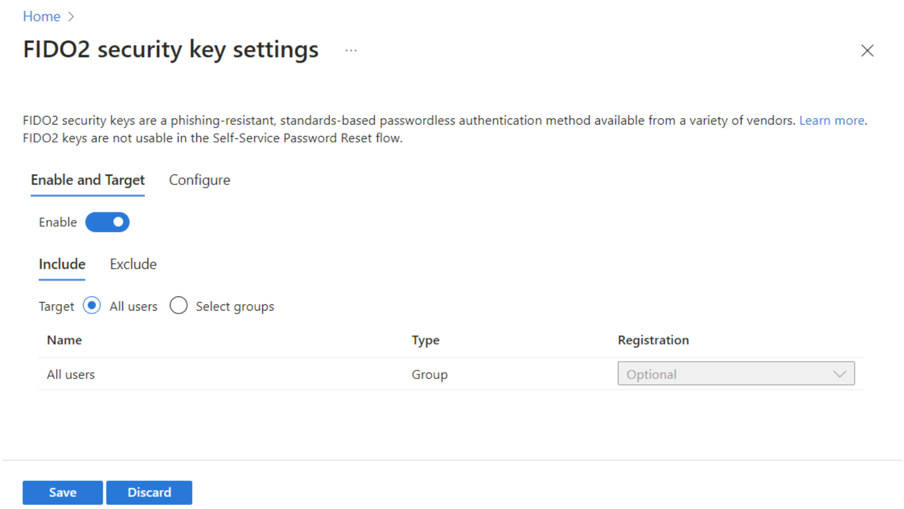
Manage migration

On September 30th, 2025, the legacy multifactor authentication and self-service password reset policies will be deprecated and you'll manage all authentication methods here in the authentication methods policy. Use this control to manage your migration from the legacy policies to the new unified policy. Learn more

Manage migration

Method	Target	Enabled
FIDO2 security key	All users	Yes
Microsoft Authenticator		No
SMS		No
Temporary Access Pass		No
Hardware OATH tokens (Preview)		No
Third-party software OATH tokens		No
Voice call		No
Email OTP		Yes
Certificate-based authentication		No

3. *FIDO2 security key settings* defaults to the *Enable and Target* tab. Here you can enable security keys and define allowed users. **Include All users** and leave the registration as **Optional**.



FIDO2 security key settings

FIDO2 security keys are a phishing-resistant, standards-based passwordless authentication method available from a variety of vendors. Learn more.
FIDO2 keys are not usable in the Self-Service Password Reset flow.

Enable: On

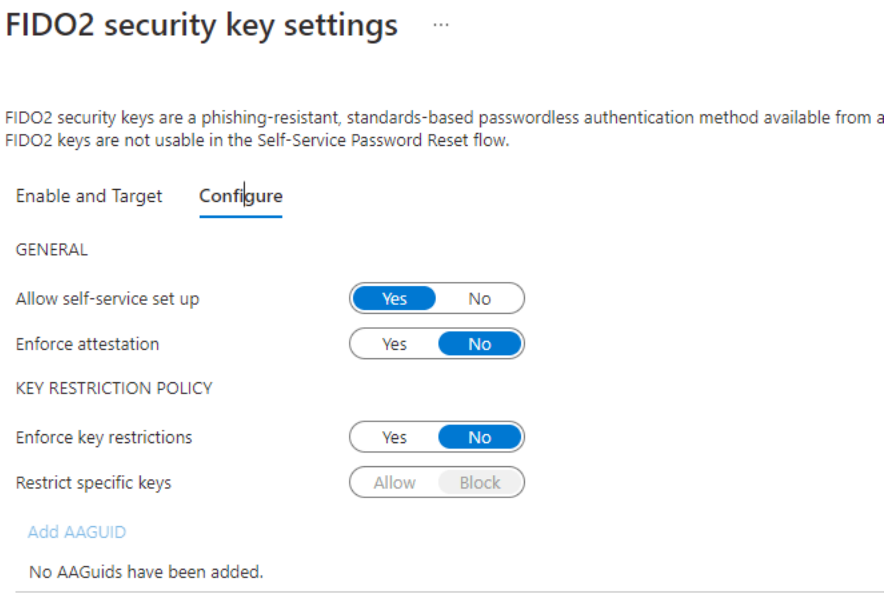
Target ● All users ○ Select groups

Name	Type	Registration
All users	Group	Optional

4. On the *Configure* tab, make sure the **settings are as depicted below**. This is the only configuration we will support at this time.

Enforced Attestation

Microsoft uses the *Enforce attestation* feature to ensure the FIDO2 authenticator is certified by the FIDO Alliance and approved by Microsoft's team. HYPR's AAGUID was added as an approved FIDO2 Authenticator on March 2023. HYPR supports this setting as either *True* or *False*.


FIDO2 security key settings

FIDO2 security keys are a phishing-resistant, standards-based passwordless authentication method available from a
FIDO2 keys are not usable in the Self-Service Password Reset flow.

GENERAL

Allow self-service set up: [✓ Yes] No

Enforce attestation: Yes [✓ No]

KEY RESTRICTION POLICY

Enforce key restrictions: Yes [✓ No]

Restrict specific keys: Allow Block

No AAGuids have been added.

Enable Security Keys in Intune

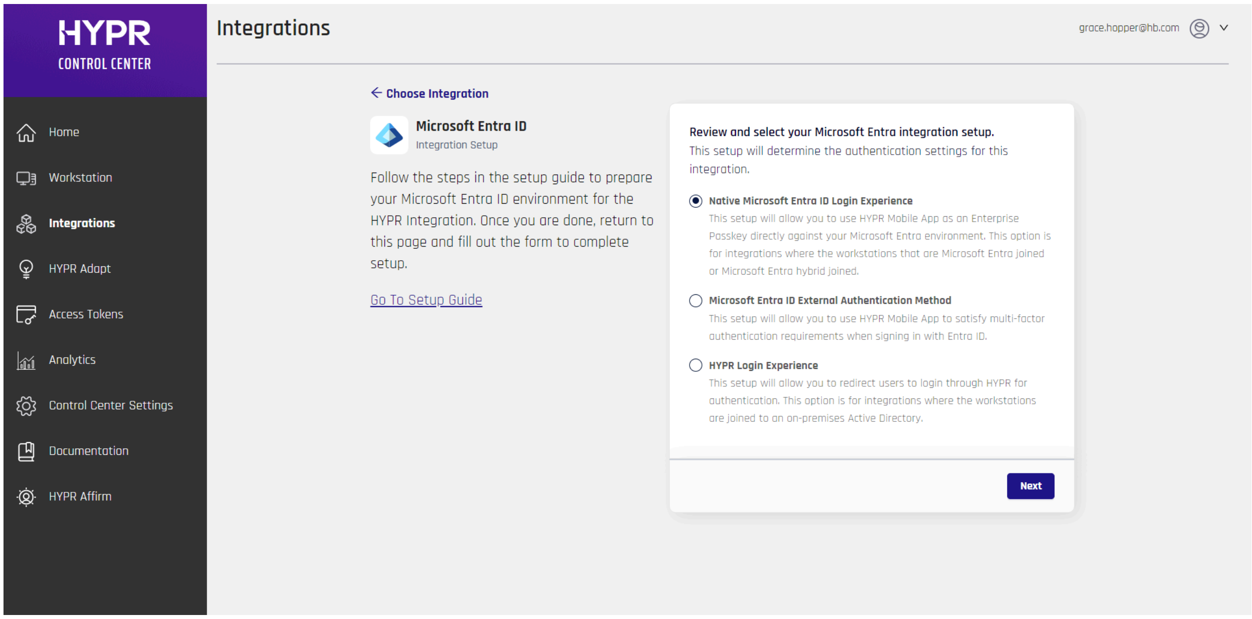
Once security keys are enabled in Entra, you must set a policy in Intune (i.e., Endpoint Manger) which will allow for security key login on Windows OS. Follow Microsoft's instructions on setting up Intune policies for security key-enabled logins.

Setting Up the HYPR Tenant

When up and running, make sure HYPR has enabled the necessary features to support HYPR Enterprise Passkeys.

To install a new Enterprise Passkeys integration in Control Center:

1. On a new tenant, navigate to **Integrations > Add New Integrations > Microsoft Entra ID**.
2. You will be prompted to select your login experience. For the FIDO2 Mobile Authenticator, select **Native Microsoft Entra Login Experience**, and click **Next**.



Follow the steps in the setup guide to prepare your Microsoft Entra ID environment for the HYPR Integration. Once you are done, return to this page and fill out the form to complete setup.

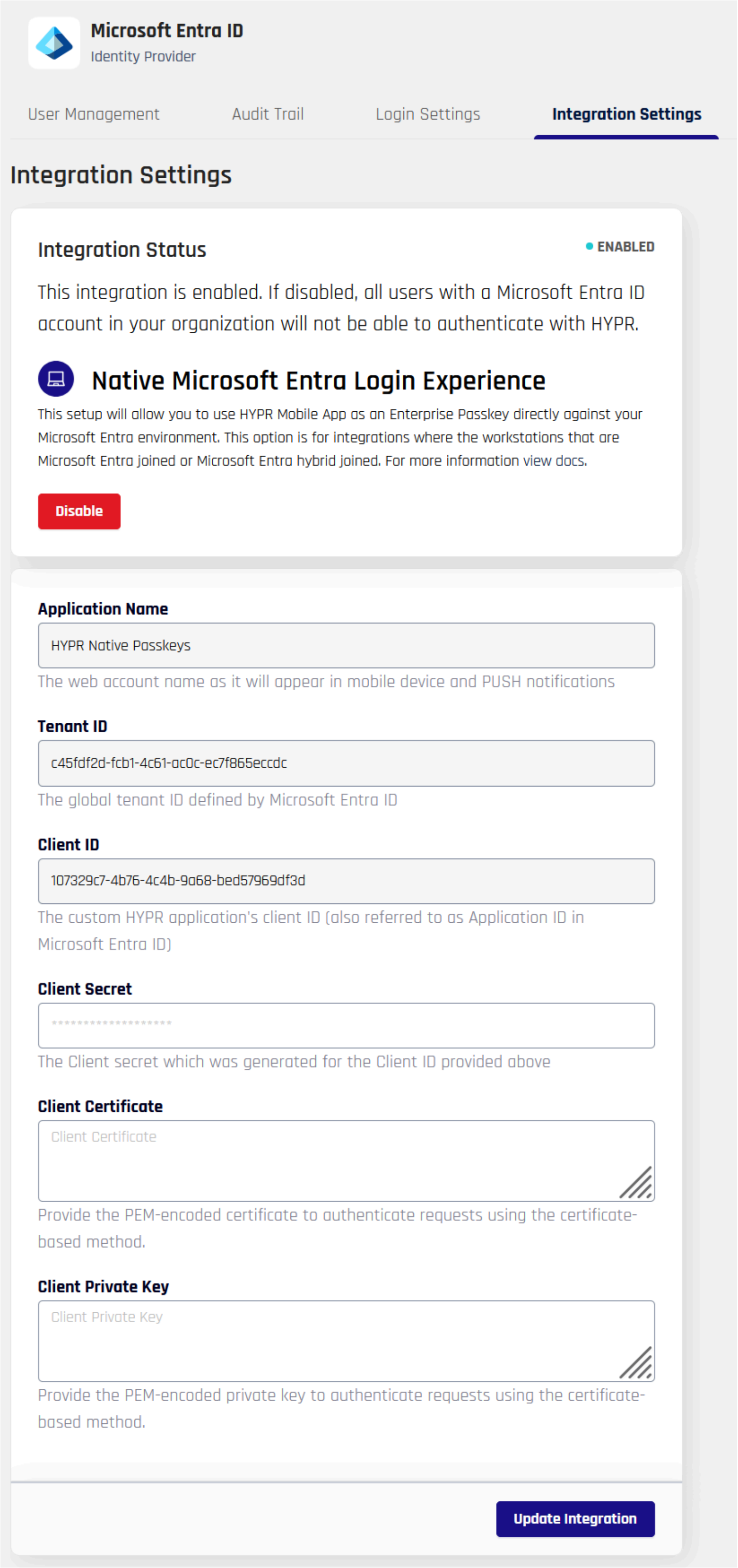
Review and select your Microsoft Entra integration setup.
This setup will determine the authentication settings for this integration.

● **Native Microsoft Entra ID Login Experience**
This setup will allow you to use HYPR Mobile App as an Enterprise Passkey directly against your Microsoft Entra environment. This option is for integrations where the workstations that are Microsoft Entra joined or Microsoft Entra hybrid joined.

○ **Microsoft Entra ID External Authentication Method**
This setup will allow you to use HYPR Mobile App to satisfy multi-factor authentication requirements when signing in with Entra ID.

○ **HYPR Login Experience**
This setup will allow you to redirect users to login through HYPR for authentication. This option is for integrations where the workstations are joined to an on-premises Active Directory.

3. You are presented a form which contains the HYPR Application Name and all of the Entra-related data needed for HYPR to connect to the Entra tenant. These are the items created/captured above; **complete the fields as follows**:



Microsoft Entra ID

Identity Provider

Integration Settings

Integration Status

● ENABLED

This integration is enabled. If disabled, all users with a Microsoft Entra ID account in your organization will not be able to authenticate with HYPR.

Native Microsoft Entra Login Experience

This setup will allow you to use HYPR Mobile App as an Enterprise Passkey directly against your Microsoft Entra environment. This option is for integrations where the workstations that are Microsoft Entra joined or Microsoft Entra hybrid joined. For more information view docs.

Application Name

HYPR Native Passkeys

The web account name as it will appear in mobile device and PUSH notifications

Tenant ID

c45fdf2d-fcb1-4c61-ac0c-ec7f865eccdc

The global tenant ID defined by Microsoft Entra ID

Client ID

107329c7-4b76-4c4b-9a68-bed57969df3d

The custom HYPR application's client ID (also referred to as Application ID in Microsoft Entra ID)

Client Secret

****

The Client secret which was generated for the Client ID provided above

Client Certificate

Client Certificate

Provide the PEM-encoded certificate to authenticate requests using the certificate-based method.

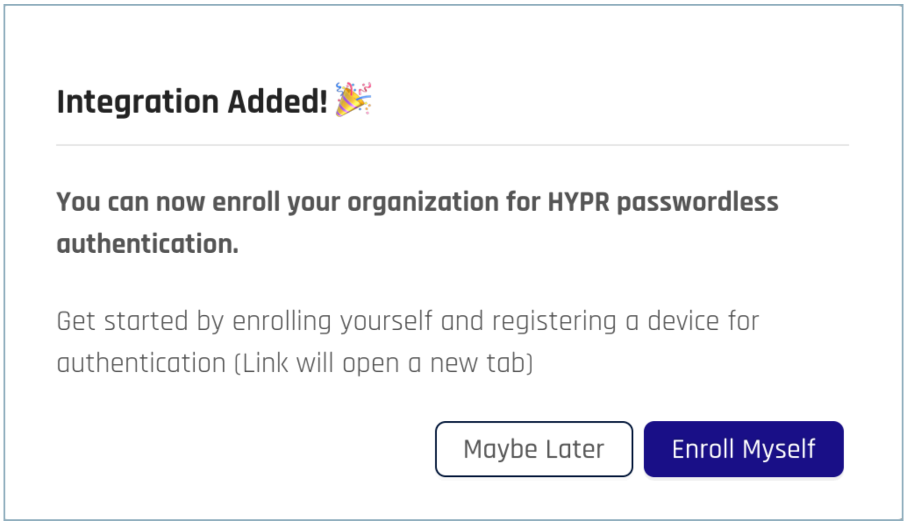
Client Private Key

Client Private Key

Provide the PEM-encoded private key to authenticate requests using the certificate-based method.

- *Application Name*: Only alphanumeric, spaces, dash, underscores, or trailing - or _ are allowed; this is the same validation rule for all HYPR RP Application names (rpAppId); the namespace is limited to 23 characters
- *Tenant ID*: The ID of the tenant
- *Client ID*: The ID of the client/application in Entra AD
- *Client Secret*: The secret associated with the client/application **OR**
- *Client Certificate*
- *Client private Key*

4. When you are finished, click **Add Integration**; if *Add Integration* is successful, it confirms all of the parameters provided were validated and HYPR can now connect to Entra, You will be presented a popup box. Click **Maybe Later**.

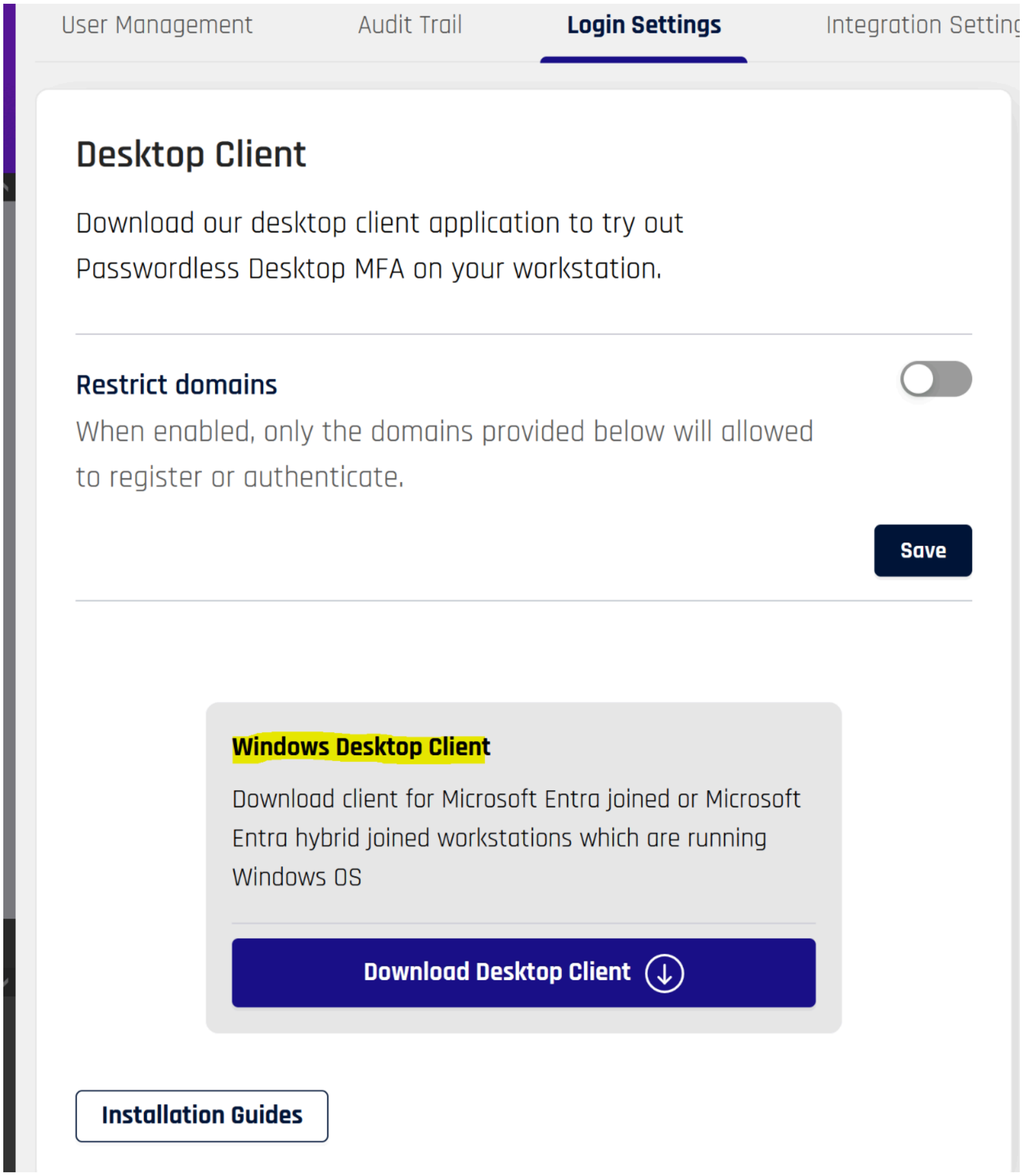


Integration Added! 🎉

You can now enroll your organization for HYPR passwordless authentication.

Get started by enrolling yourself and registering a device for authentication (Link will open a new tab)

5. Navigate to the Login Settings Tab and download the Windows Desktop Client



Desktop Client

Download our desktop client application to try out Passwordless Desktop MFA on your workstation.

Restrict domains

When enabled, only the domains provided below will allowed to register or authenticate.

Windows Desktop Client

Download client for Microsoft Entra joined or Microsoft Entra hybrid joined workstations which are running Windows OS

Note: Starting 10.1, there is no toggle switch for Fido Gateway, BLE and Wi-Fi in the Login Settings Tab

Additional:

Enabling FIDO2 Passwordless Security Key on Windows

FIDO2 security key sign-in to Windows - Microsoft Entra ID | Microsoft Learn

Three ways of enabling security key sign-in on Windows 10 & Windows 11 | by Jonas Markström | Medium

*Registration

1 EPK registration.mp4

*Authentication

2 authentication.mp4

*Offline PIN Login

3 offline pin EPK.mp4

*Web login

4 browser EPK login.mp4