

# Configure 3rd party Authentication in MachPanel

## Summary

This article provides a summary how Staff users, Resellers\Customers can authenticate existing Azure account instead of MachPanel account .

## Applies To

This article applies to MachPanel v6.0.32

## Configure Authentication Provider

Staff users can authenticate using existing Azure account instead of MachPanel account. Also if customer/resellers have Azure account, they can also authenticate using their Azure account as well via MachPanel Login.

Provider/Reseller and End Customer can add alternate login (email address) if 3rd party authentication is enabled.

- Provider must have Microsoft Tenant.
- Provider has to add a web application in Azure and switch on the multitenanted option.
- Configure and enable O365 Auth provider in panel.
- The employees should be created using Azure login in Panel.
- If customer/reseller using Panel with Private Label Url and want to login using O365.
  1. Customer/Reseller should have their own tenant in Microsoft O365.
  2. Their own respective O365 Auth provider enabled and configured in MachPanel.
- In panel we need to add primary email besides user name/login field, for Customer, Customer contact and staff users, to link panel user with O365 user.
- On MachPanel Login page, there will be a link to "Login with Office 365 account", on click user will go to Microsoft login page, once logged in he is signed-in in panel.
  1. If user is already signed-in in Office365 portal and clicks on Login with Office 365 account, he is automatically signed-in in panel.
  2. If the user does not exists in panel as staff or customer or customer contact, error message will appear on login page: "User account not found,

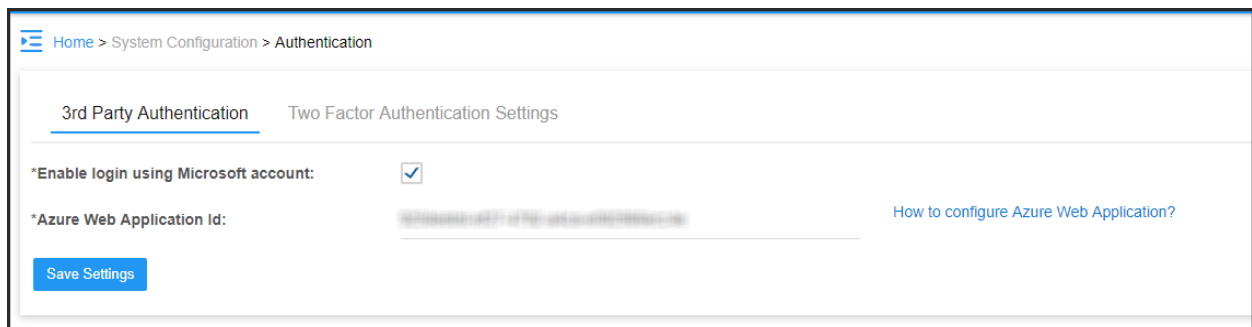
## Configure 3rd party Authentication in MachPanel

please contact Administrator.”

### 3rd Party Authentication tab:

Navigate to the following Path: **Home > System Configuration > Authentication**

1. **Enable login using Microsoft account:** Check this check box to enable authentication.
  - **Note:** If enabled, staff users and customers can login using Microsoft Azure authentication. Please note that in order to match Azure account to a panel account, the Azure login must be used as portal login or Azure login must be set in additional login in user profile.
2. **Azure Web Application Id:** Here provide the Azure Web AppID.



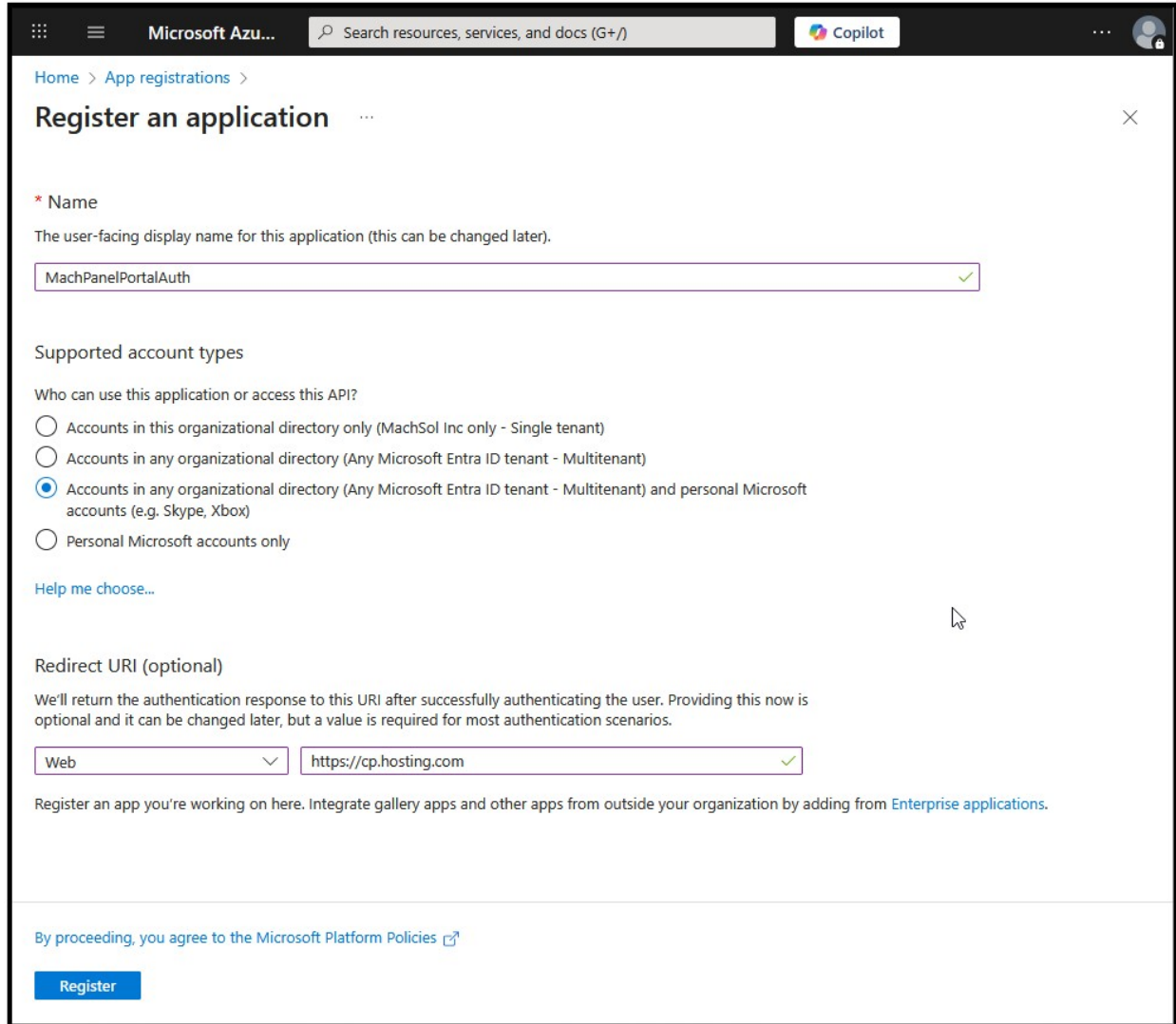
### How to configure Azure Web Application? (hyper-link)

On click show below contents in div:

- **Sign in** by going to the **Azure Portal** ☐ <https://portal.azure.com> and use the same tenant that will authenticate users.
- **Go to "App Registrations"** and click on **" + New registration "** and Fill out:
  - o **Name:** e.g., MachPanelPortalAuth
  - o **Supported account types:** Choose
    - Accounts in any organizational directory (Any Microsoft Entra ID Tenant – Multitenant) and personal Microsoft account (e.g. Skype, Xbox).
  - o **Redirect URI:**
    - Select **Web**.
    - Enter your main portal URL: <https://cp.hosting.com>

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- (You will enter <https://cp.hosting.com/Auth/Login.aspx> and all other white-label URLs in next step as well)
- Click **Register**.



The screenshot shows the 'Register an application' page in the Microsoft Azure portal. The page is titled 'Register an application' and has a close button (X) in the top right corner. The breadcrumb navigation shows 'Home > App registrations >'. The main form has a section for 'Name' with a text input field containing 'MachPanelPortalAuth' and a green checkmark. Below this is a section for 'Supported account types' with the question 'Who can use this application or access this API?'. There are four radio button options: 'Accounts in this organizational directory only (MachSol Inc 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)' (which is selected), and 'Personal Microsoft accounts only'. There is a link 'Help me choose...' below the radio buttons. The next section is 'Redirect URI (optional)' with the text '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.' It has a dropdown menu set to 'Web' and a text input field containing 'https://cp.hosting.com' with a green checkmark. Below this is a note: 'Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from [Enterprise applications](#).' At the bottom, there is a link 'By proceeding, you agree to the Microsoft Platform Policies' and a blue 'Register' button.

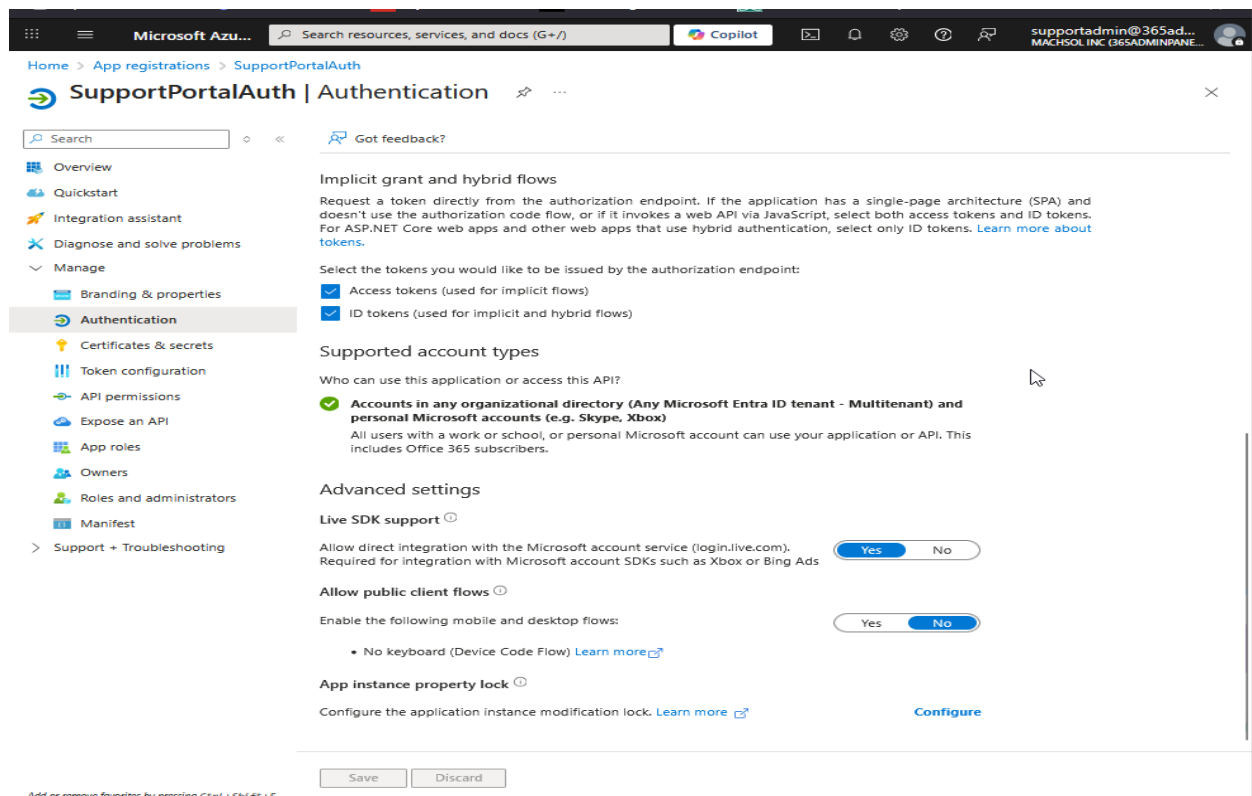
- **Add Redirect URIs**

Once registered, click on app name from "All Applications" or "Owned applications" tab:

- Go to **Authentication** (left menu).
- Under **Platform configurations**, Add URI for Web. If not already there click **Add a platform** ☐ **Web**.
- Enter all **Redirect URIs**:

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- <https://cp.hosting.com>
  - <https://cp.hosting.com/auth/login.aspx>
  - <https://reseller1.hosting.com>
  - <https://reseller1hosting.com/auth/login.aspx> etc.
- Under **Implicit grant and hybrid flows**, check both boxes:
    - o Access tokens (used for implicit flows)
    - o ID tokens (used for implicit and hybrid flows)
  - Click **Save**.





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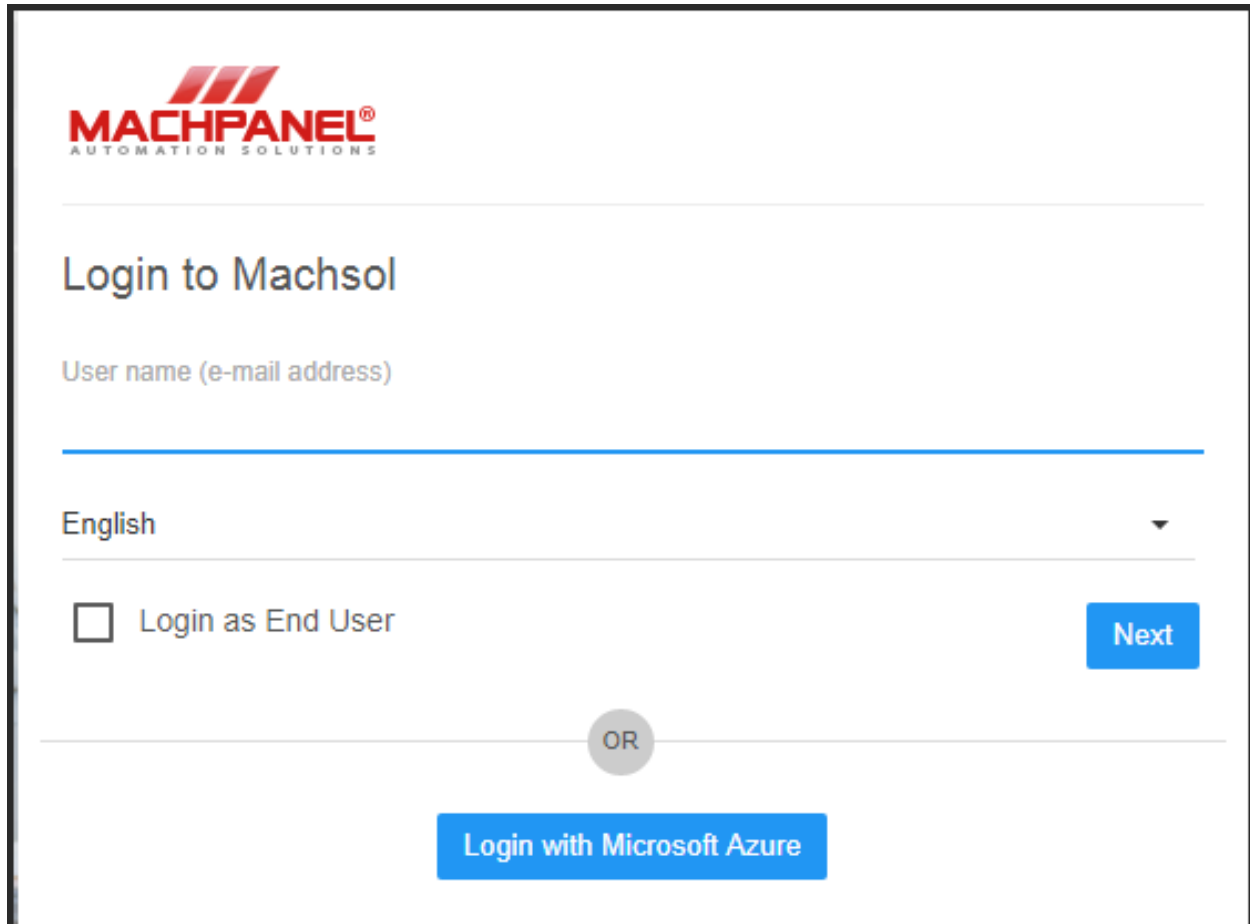
- **Configure API Permissions**
  - Go to **API permissions** ☐ **Add a permission** ☐ **Microsoft Graph** ☐ **Delegated permissions**
  - Add:
    - openid
    - email
    - profile
  - Click **Add permissions**.
  - Then click **Grant admin consent for <your org>** and confirm.
- Click **Save**.
- **Collect Required Values**
  - From the **Overview** tab, copy:
    - **Application (client) ID**
  - In your web app (e.g., MachPanel config), set:
    - **Azure Web Application ID = Application (client) ID**
- **Test Sign-in**

Try logging in from your application again.

## Configure 3rd party Authentication in MachPanel

### Panel Login Page/Online Store login page

If Azure authentication is enabled whose login page is appearing, show: **"Continue with Azure"** will be as shown.

A screenshot of the MachPanel login page. At the top left is the MachPanel logo with the text 'MACHPANEL' in red and 'AUTOMATION SOLUTIONS' in grey below it. The main heading is 'Login to Machsol'. Below it is a text input field labeled 'User name (e-mail address)'. Underneath is a language dropdown menu currently set to 'English'. There is a checkbox labeled 'Login as End User'. To the right of the checkbox is a blue 'Next' button. Below these elements is a horizontal line with a grey circle containing the word 'OR' in the center. At the bottom is a large blue button labeled 'Login with Microsoft Azure'.

On Login with Azure, perform steps to login using Azure account. Once user is authenticated at Microsoft, find related user in panel and log-in that user. If user not found, it will give error: **"Panel account for Microsoft login xyz@domain.com, does not exist, please contact Administrator"**.

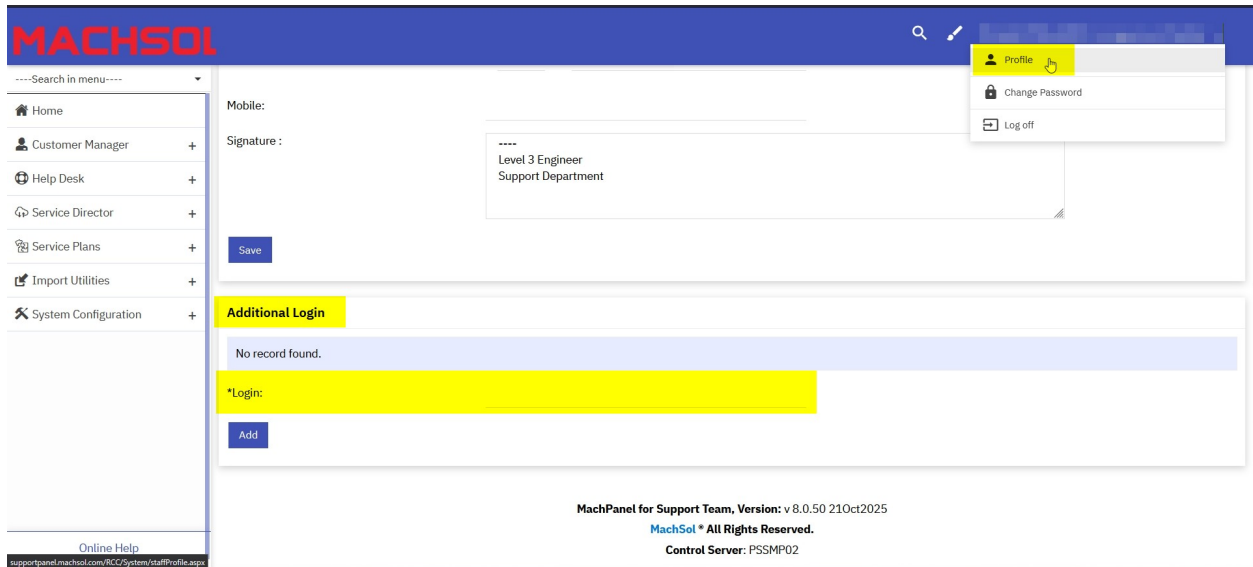
### Additional Login

Add additional login for staff, customer and customer contacts. Additional login will hold

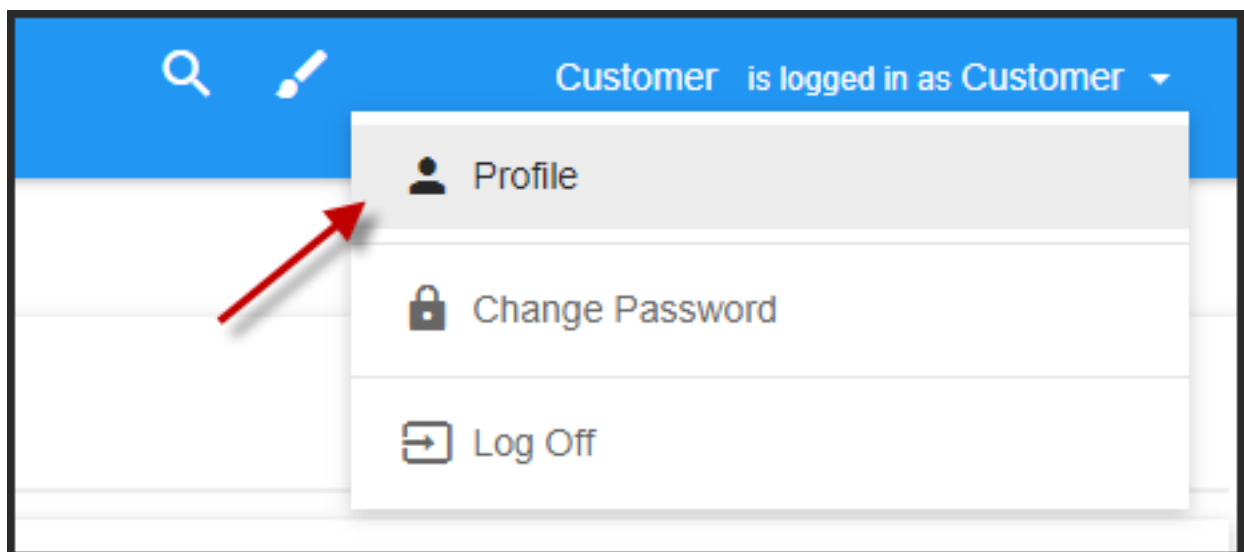
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multiple 3rd party logins, like Azure username, Google user name, etc. Staff user, customer and customer contact should be able to set additional login under Profile.

- Staff
  - o On that staff user login, Click Profile
  - o Then add additional login



- Customer
  - o After login as customer go to Profile as shown below:



## Configure 3rd party Authentication in MachPanel

1. **Login:** Provide Login email address.
2. Click **Add**.

Additional Login

Login ID	Option
xyz@demoemail.com	<button>Remove</button>

Showing: 1- 1 of 1

Showing per page 40 [Change](#)

\*Login:

Add

On save, make sure the email used is not used already for Staff, Customer, Customer Contact or End Customer.

MachPanel Knowledgebase

<https://kb.machsol.com/Knowledgebase/55576/Configure-3rd-party-Authenticati...>