



# WSO2 API Manager 3.2.0 Developer Fundamentals

API Visibility and Access Control



WSO2 Training



## Publisher Access Control

- Visibility settings prevent certain user roles from viewing and modifying APIs created by another user role.
- By default, APIs created in the API Publisher Portal are visible to any user who logs in to the Publisher Portal.
- This feature allows API creators to restrict API view and modify actions to a set of users, based on their roles

Link - [Publisher Access Control](#)



# Configure Publisher Access Control

The screenshot displays the WS2 API Manager interface. The top navigation bar includes 'APIs', 'Scopes', 'API Products', and a search bar. The left sidebar lists various configuration options, with 'Design Configurations' highlighted. The main content area shows the 'Design Configurations' for 'PizzaShackAPI:1.0.0'. The 'Publisher Access Control' section is highlighted with a red box, showing a dropdown menu set to 'Restrict by role(s)' and a text input field containing 'admin'. Below this, there are sections for 'Developer Portal Visibility' (set to 'Public') and 'Tags' (containing 'pizza').

- Log in to API Publisher and open an API by selecting it.
- Go to Design Configurations
- Select **Publisher Access Control** as **Restricted by Role(s)** from the dropdown list.
- Enter the roles list for which the API should be visible.

## API Visibility in Developer Portal

- By default, the APIs created and published via the API Publisher Portal are visible to anyone (even anonymous users) who visit the Developer Portal.
- API Publishers can control this by selecting which users can view their APIs.

Control API Visibility in Developer Portal



## API Visibility in Developer Portal

API visibility can be one of the following options:

| Visibility            | Visible to   |
|-----------------------|--|
| Public                | <ul style="list-style-type: none"><li>• All users who are registered</li><li>• Anonymous users</li><li>• Can be advertised in multiple stores (central and non-WSO2 store)</li></ul> |
| Restricted by roles   | <ul style="list-style-type: none"><li>• It's tenant domain</li><li>• Only to the user roles that have been specified</li></ul>   |
| Visible to my domain* | <ul style="list-style-type: none"><li>• All users registered to the API's tenant domain</li><li>• Not applicable when there is only one tenant</li></ul>                             |

**\* This option will not be visible if there is only one tenant**



# Configure Developer Portal Visibility

The screenshot displays the WSO2 API Manager interface. The top navigation bar includes 'APIs', 'Scopes', 'API Products', and a search bar. The left sidebar shows a menu with 'Design Configurations' highlighted. The main content area is titled 'Design Configurations' and shows the configuration for 'PizzaShackAPI :1.0.0'. The 'Developer Portal Visibility' dropdown is highlighted with a red box, showing the 'Restrict by role(s)' option selected. Below it, the 'Roles' list contains 'internal/subscriber'. The 'Publisher Access Control' dropdown is set to 'All'. The 'Tags' section shows a tag named 'pizza'.

- Log in to API Publisher and open an API by selecting it.
- Go to Design Configurations
- Select necessary option from the **Developer Portal Visibility** dropdown list.
- If **Restrict by role(s)** is selected, enter the roles list for which the API should be visible.

## How visibility levels work for users in different roles

- The API Creator and Publisher users with the same access controlled roles can see all APIs in their tenant store even if you restrict access to them.
- Anonymous users can only see APIs that have the visibility set as Public.
- Registered users can see,
  - ◉ Public APIs of all tenant domains.
  - ◉ All APIs in the registered user's tenant domain as long as the API is not restricted to a role that the user is assigned to.

### API Visibility

