



Quick reference info

Roles

THIS FUNCTIONALITY APPLIES TO MOBILE AND WEB VERSION

The activities and information flow within APX GIS is carried out through tables, within each table there are records and fields to which activities such as: create, display or list, delete and edit can be applied.

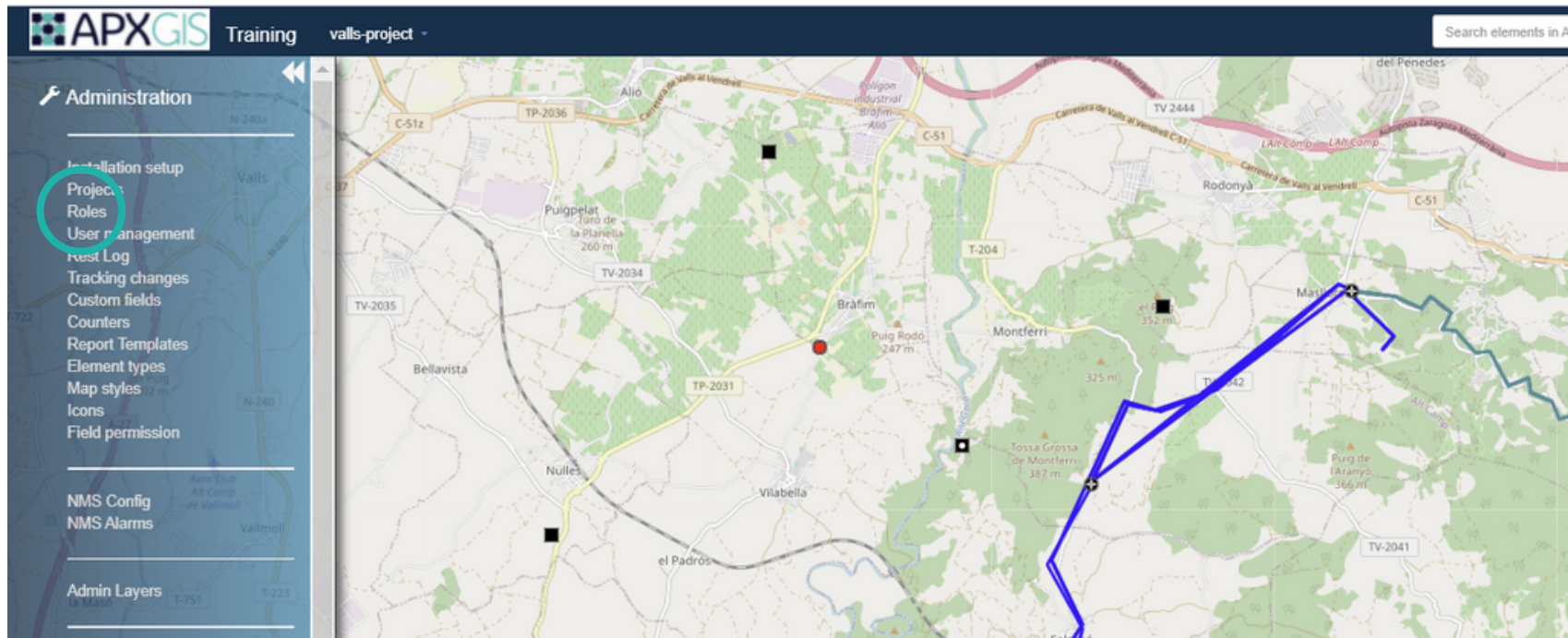
Roles are a set of authorisations that allow the user to have access to projects, layers or elements and perform actions on them.

The following roles are considered in a **standard installation of APX-GIS**:

- **Administrator**: Can do configuration tasks, have access to the whole administration menu (Roles, Element types, imports), as well as planner and operator tasks.
- **Planner**: Can create projects and assign elements to the different projects.
- **Operator**: This role can add or modify elements to the assigned projects.

ROLES

1. To access **Roles** menu follow the path: **Administration > Roles**



ROLES - CREATE

2. The “**Roles**” window (form) will open and if any roles are configured they will be listed in this window.

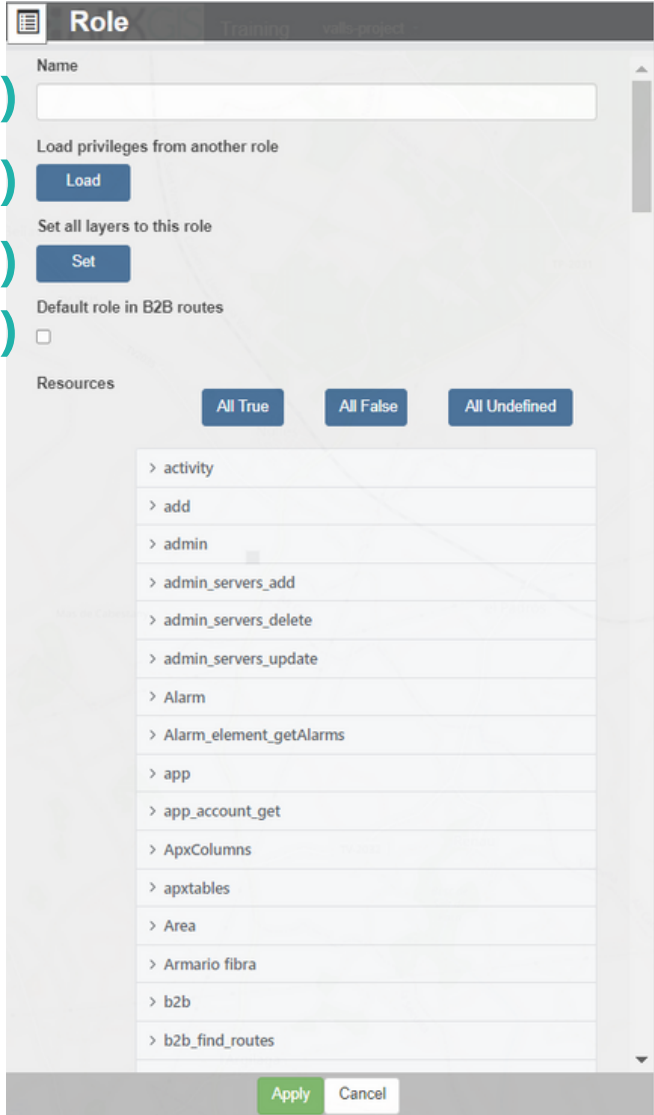
In this example admin, operators, planner and training user are roles already configured.

3. To add a new Role click “**+Add**” button.



ROLES - CREATE

4. Once the “**+Add**” button has been clicked, the “**Role**” configuration window will open.
5. Type the name you wish to assign to the new role.
6. If you need to assign privileges from another role press “**Load**” button. This option is very useful when you want to create a new role very similar to an existing role to which you want to add or delete privileges.
7. **Set**” action button is not used for new roles. It is used for updating existing roles.
8. If you need to set this new role in B2B routes, select the box. This behaviour will take place when “**Apply**” button is clicked (does not work retroactively).



5) Name

6) Load

7) Set

8) Default role in B2B routes

Resources

All True All False All Undefined

> activity

> add

> admin

> admin_servers_add

> admin_servers_delete

> admin_servers_update

> Alarm

> Alarm_element_getAlarms

> app

> app_account_get

> ApxCColumns

> apxtables

> Area

> Armario fibra

> b2b

> b2b_find_routes

Apply Cancel

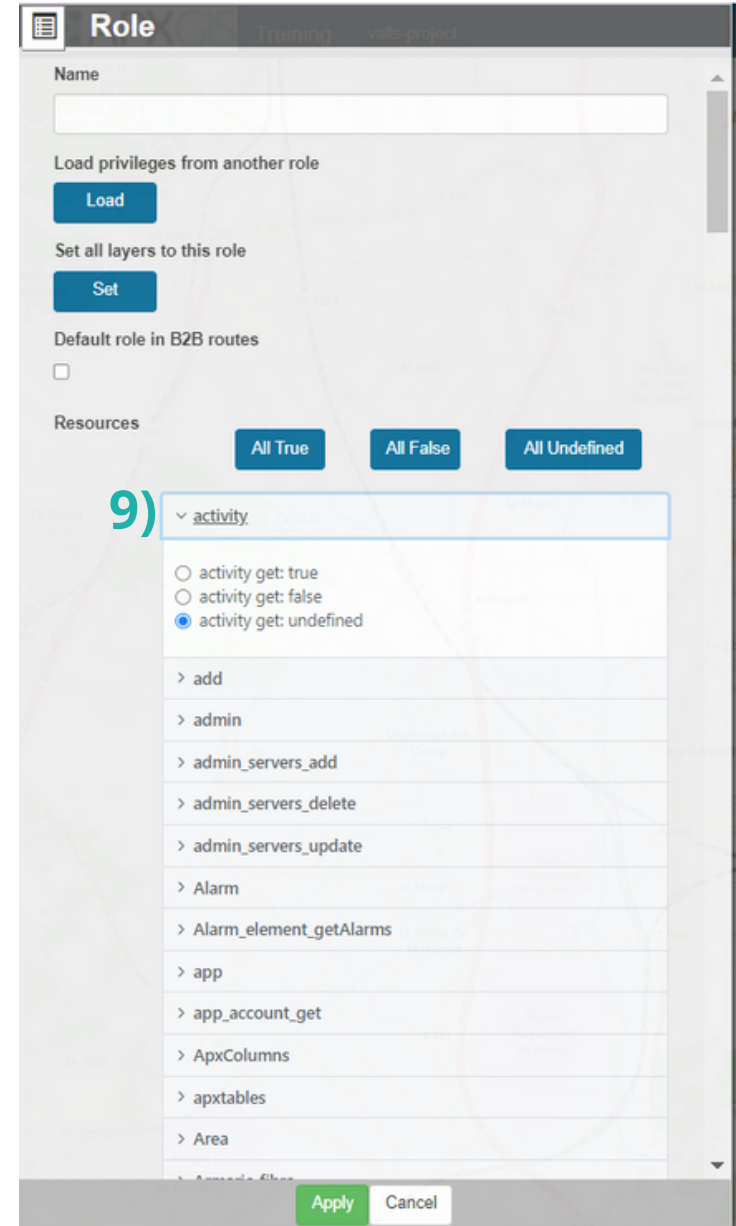
ROLES - CREATE

9. The resources section lists the permissions for which access is enabled (true) or disabled (false).

These privileges are stored in the new role.

For this example, when activity permission was clicked, 3 permission options were listed:

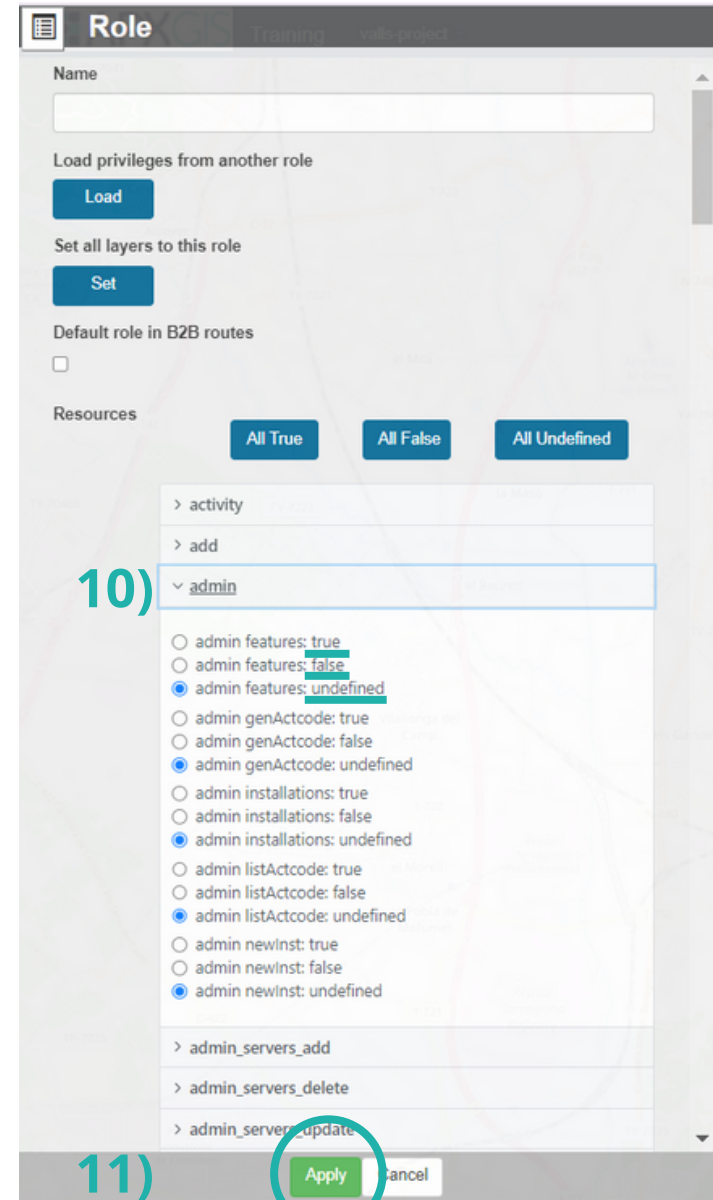
- **activity_get: true** - will allow user with this role to do this activity.
- **activity_get: false** - will deny user with this role to do this activity.
- **activity_get: undefined** - activity allowed, unless the user has another role that does has the activity restricted.



The screenshot shows the 'Role' creation interface in APXGIS. The 'Resources' section is expanded, displaying a list of permissions. The 'activity_get: undefined' option is selected, which is highlighted with a blue circle and a blue dot. The interface includes buttons for 'All True', 'All False', and 'All Undefined' to filter the resources. The 'activity_get: undefined' option is the third item in the list, preceded by a radio button. The list of resources includes 'activity', 'add', 'admin', 'admin_servers_add', 'admin_servers_delete', 'admin_servers_update', 'Alarm', 'Alarm_element_getAlarms', 'app', 'app_account_get', 'ApxColumns', 'apxtables', and 'Area'. The 'Apply' and 'Cancel' buttons are visible at the bottom right.

ROLES - CREATE

10. Each **resource group** will have 1 or more resources and for each activity 3 options are considered:
- **true** - allow user with this role to perform this resource.
 - **false** - will deny user with this role to perform this resource.
 - **undefined** - resource allowed, unless the user has another role that does has the resource restricted.
11. Once all the activities are set, click “**Apply**” button.



10)

11)

ROLES - CREATE

In case an activity is defined in two roles and both roles are assigned to the same user, the programme logic will be as follows:

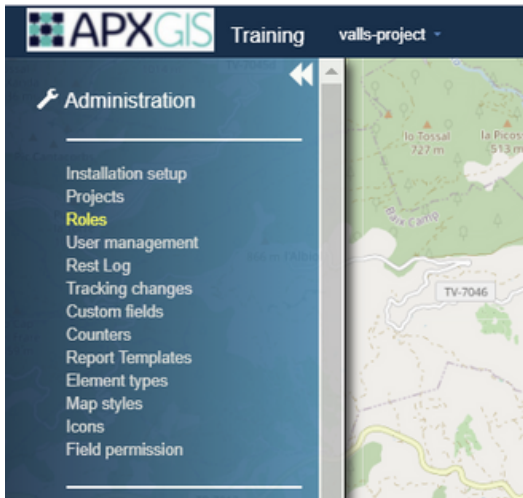
ACTIVITY A ROLE 1	ACTIVITY A ROLE 2	ACTIVITY A
True	True	Allowed
True	False	Not allowed
True	Undefined	Allowed
False	False	Not allowed
False	Undefined	Not allowed
Undefined	Undefined	Allowed

ROLES – UPDATE

1. The process of **updating** a role begins considering a created one and displaying it:

Follow the steps::

(**a**) Follow the menu path:
Administration > Roles

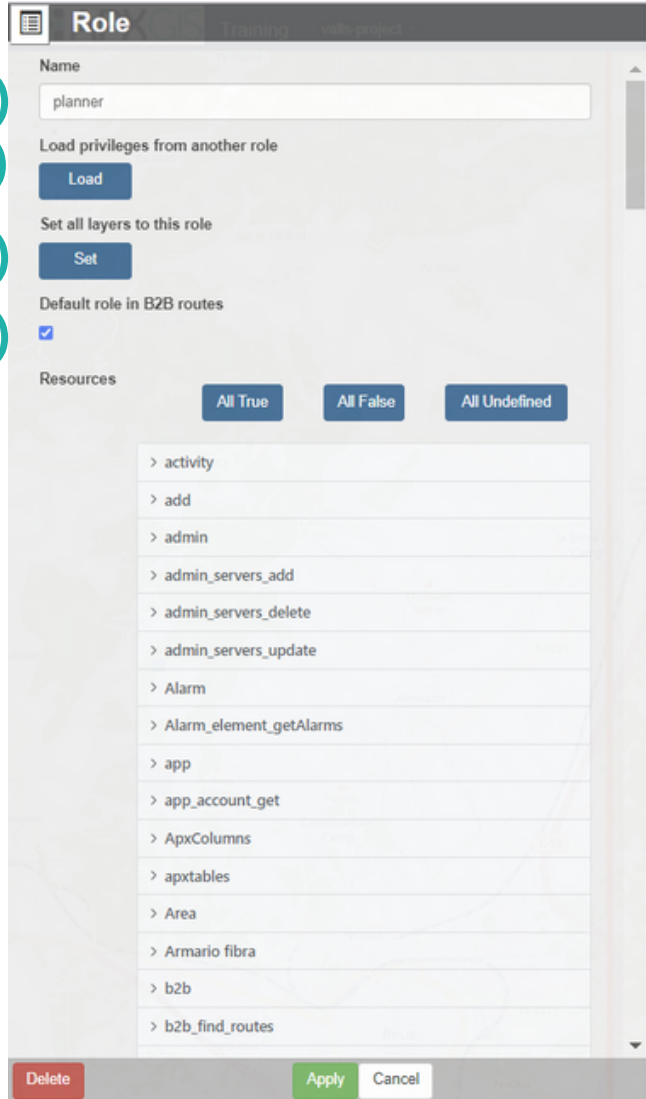


(**b**) Select the role you wish to update.



ROLES - UPDATE

2. **Role** window will open, you can update the name.
3. If you need to assign privileges from another role press “**Load**” button. This option is very useful when you want to create a new role very similar to an existing role to which you want to add or delete privileges.
4. “**Set**” action button. Clicking this button means that the layers are assigned immediately, regardless of whether the Apply button is clicked or not.
5. If you need to set this role in B2B routes, select the box. This behaviour will take place when “**Apply**” button is clicked (does not work retroactively).
6. Click “**Apply**” button.



2) Name: planner

3) Load privileges from another role: Load

4) Set all layers to this role: Set

5) Default role in B2B routes: ☒

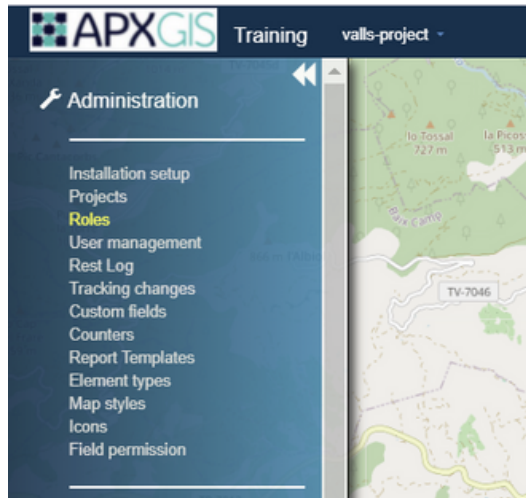
Resources: All True, All False, All Undefined

activity, add, admin, admin_servers_add, admin_servers_delete, admin_servers_update, Alarm, Alarm_element_getAlarms, app, app_account_get, ApxColumns, apxtables, Area, Armario fibra, b2b, b2b_find_routes

Delete, Apply, Cancel

ROLES - DELETE

1. The process of updating a role begins considering a created one and displaying it:



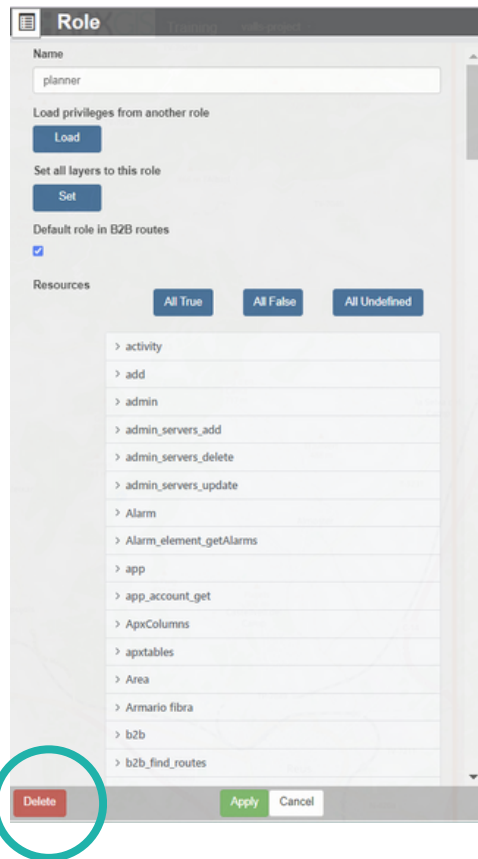
Follow the steps::

(**a**) Follow the menu path:
Administration > Roles

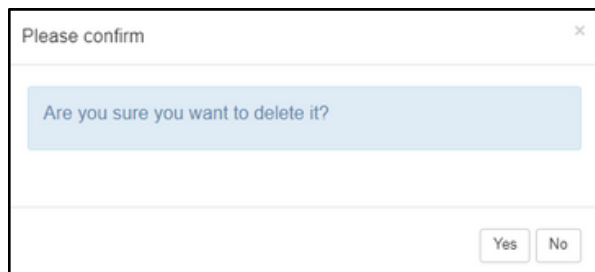


(**b**) Select the role you wish to delete.

ROLES - DELETE



2. Click “**Delete**” button.



3. “**Confirmation**” window will open. Click “**Yes**” button to confirm the deletion otherwise click “**No**” button.