



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.

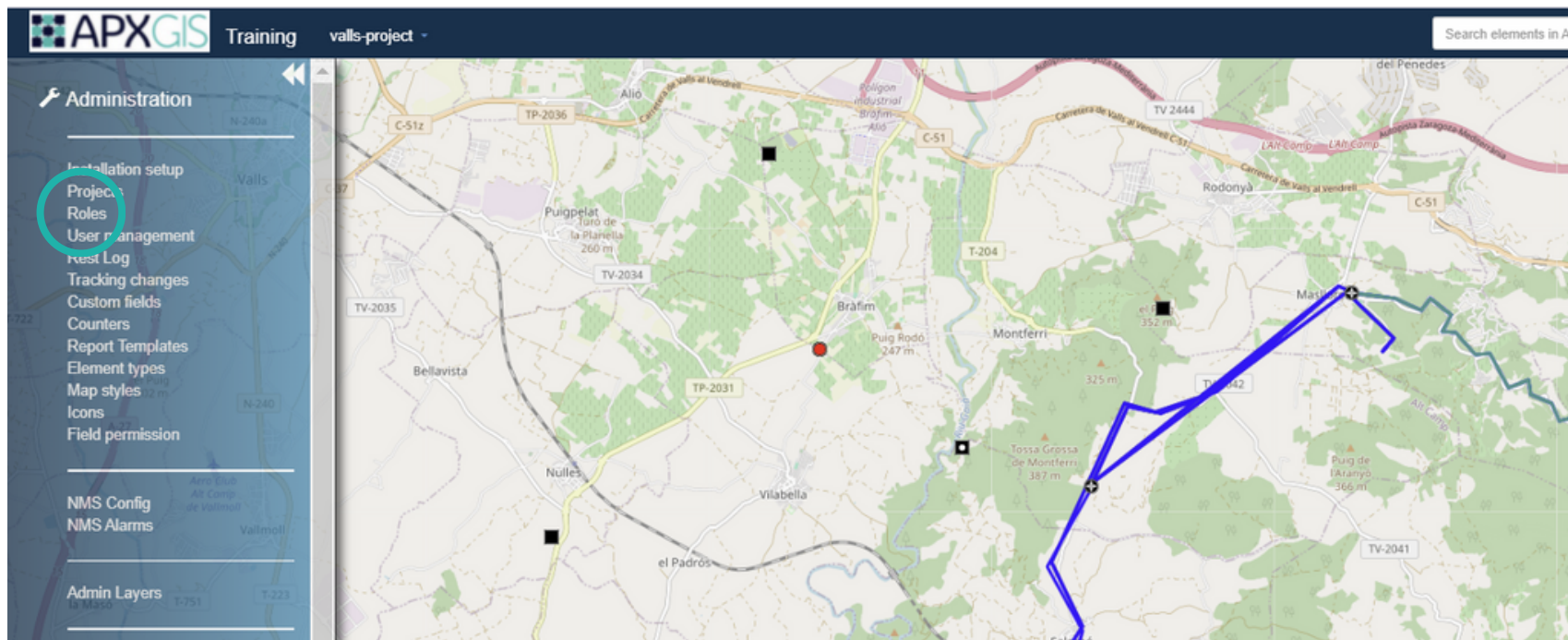
Roles are a set of authorisations that allow the user to have access to projects, layers or elements and perform actions on them.

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**: by assigning one or more projects, this role can add or modify elements to the assigned projects.

ROLES

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



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

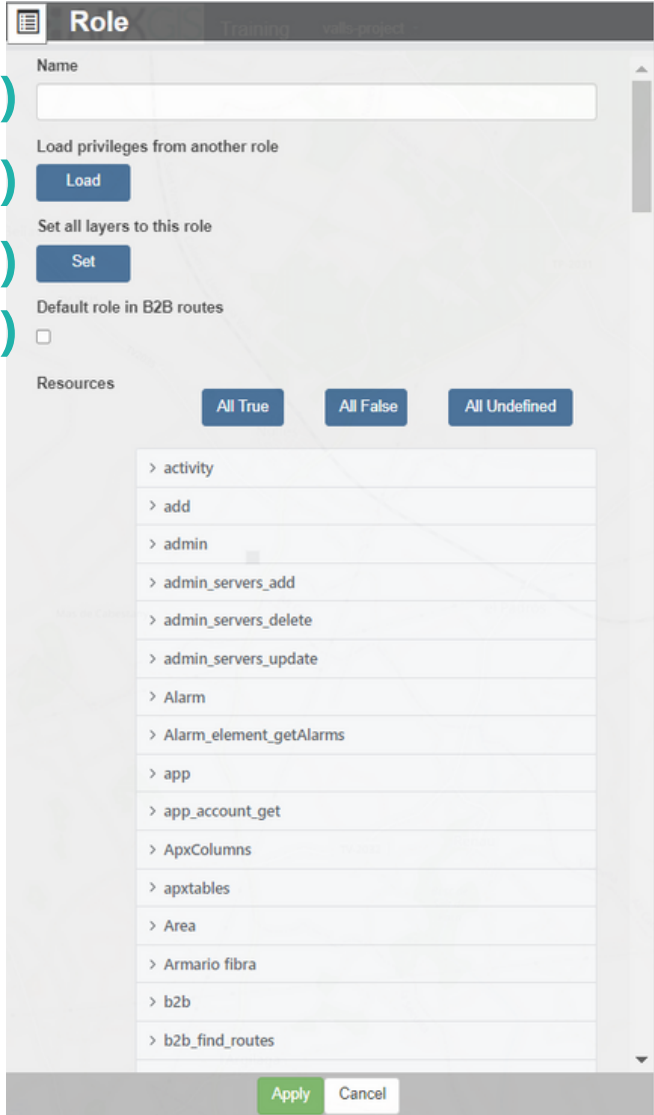
In this example admin, operators, planner and training user are roles already configures

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



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4. Once the “+Add” button has been clicked, the “**Roles configuration**” window will be opened.
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. If you need to set all layer to the new role click “**Set**” button.
8. If you need to set this new role in B2B routes, select the box.



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
- > ApxColums
- > apxtables
- > Area
- > Armario fibra
- > b2b
- > b2b_find_routes

Apply Cancel

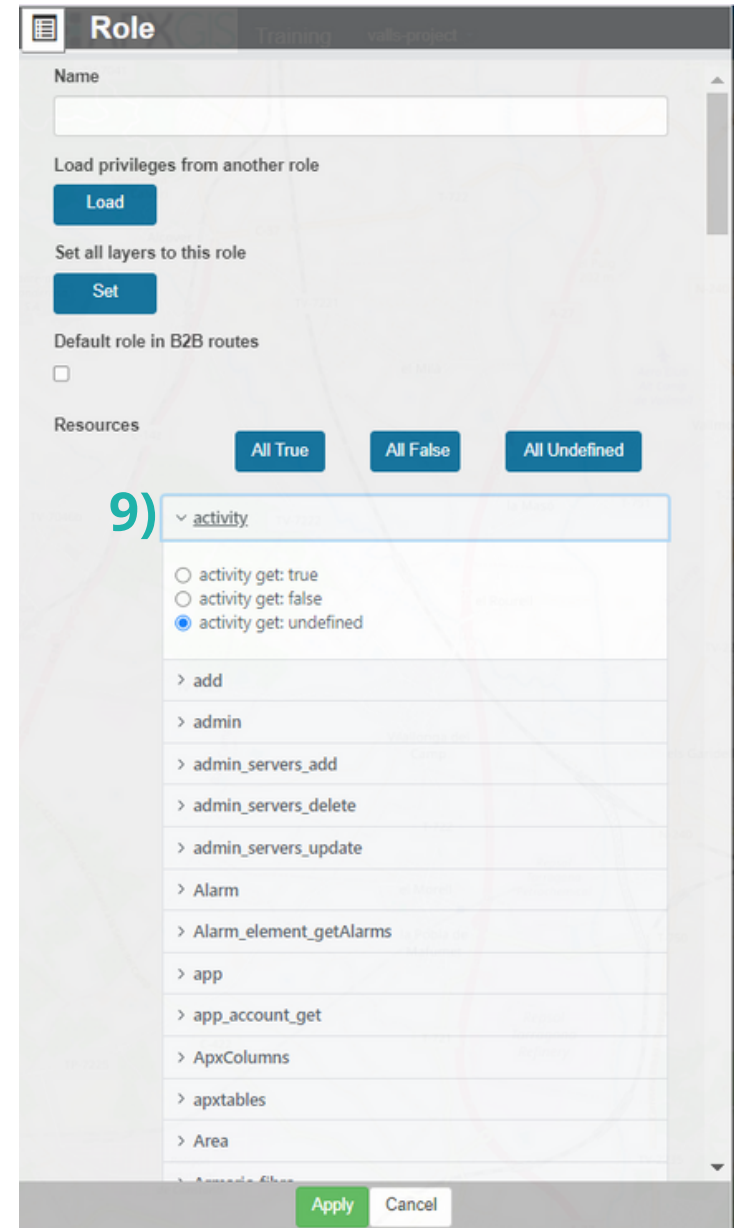
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9. The resources section lists the permissions for which access is enabled (true) or disabled (false).

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** - meaning this activity does not have a value and therefore it is not an option to the user.



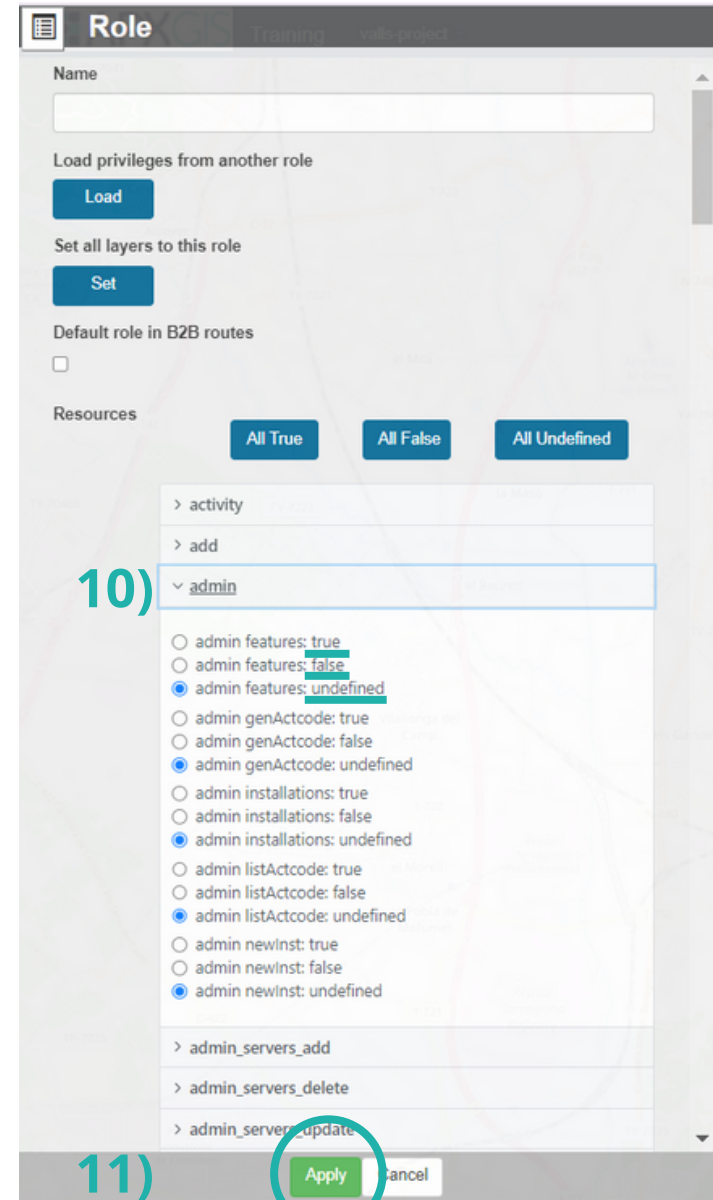
The screenshot shows the 'Role' configuration window in APXGIS. The 'Resources' section is expanded, and the 'activity' resource is selected. The permissions for 'activity' are listed as follows:

- ☐ activity get: true
- ☐ activity get: false
- ☒ activity get: undefined

Other resources listed include: add, admin, admin_servers_add, admin_servers_delete, admin_servers_update, Alarm, Alarm_element_getAlarms, app, app_account_get, ApxColumns, apxtables, Area, and AreaElement.

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10. Each resource will have 1 or more activities and for each activity 3 options are considered:
- **true** - allow user with this role to do this activity.
 - **false** - will deny user with this role to do this activity.
 - **undefined** - Allowed, unless the user has another role that does not allow the activity being restricted.
11. Once all the activities are set, click “**Apply**” button.



10)

11)

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