

# Users and Permissions

## Users

The screenshot shows the 'Users' tab in the Admin interface. At the top, there's a navigation bar with various menu items like Settings, IPAM Admin, Data Import, Users, API, Scheduler, Scanning, Log, Approvals, Constraints, and Exit Admin. Below this, the 'User Management' section has tabs for 'Users', 'Groups', and 'Chart view', along with a 'Create User' button. The main area displays a table of users with columns for 'Info', 'Username', 'Full Name', and 'Groups'. The table lists 10 users, including 'Administrator SAML', 'bobber RADIUS', 'limited@example.com', 'MajorMiner LDAP', 'noperms@example.com', 'ops@example.com', 'ripley@nostromo.com', and 'user1@example.com'. Each user entry has a checkbox, a status label (e.g., 'External', 'Disabled'), and a settings icon. At the bottom, it says 'Displaying 1 to 10 of 10 items.' with 'Previous', '1', and 'Next' navigation links.

Info	Username	Full Name	Groups
<input type="checkbox"/> External	Administrator SAML	-	-
<input type="checkbox"/> External	bobber RADIUS	-	-
<input type="checkbox"/>	limited@example.com	Limited Test	Limited 1 - QA Test Resource
<input type="checkbox"/> External	MajorMiner LDAP	-	-
<input type="checkbox"/>	noperms@example.com	No Perms	-
<input type="checkbox"/>	ops@example.com	ops	Global Admins
<input type="checkbox"/> Disabled	ripley@nostromo.com	Ellen Ripley	-
<input type="checkbox"/>	user1@example.com	Approvee User	Approvee Group

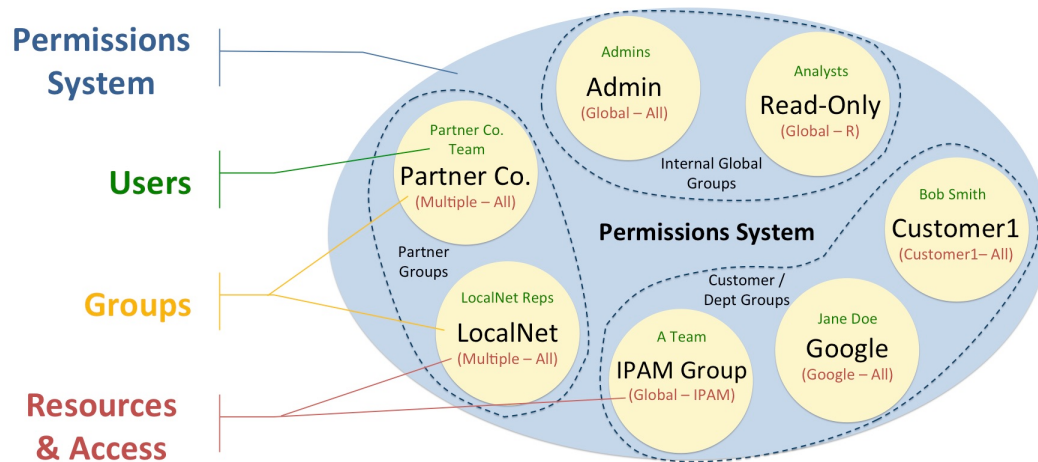
Users & Permissions is accessed from the Admin screen under the **Users** tab. Here, you will find tools for adding and managing permissions groups, users, and running queries for verifying a user's specific permissions.

- The Permissions Structure
- Permission Levels
  - Global Permissions
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## The Permissions Structure

The Permissions structure is designed to give you as much flexibility as you need to accommodate most use cases. When mapping out the permissions structure for your organization, keep in mind who you want to access to application:

- Internal Users and Roles (Admins, Read Only, etc.)
- Partners related to multiple specific Resources/Accounts
- Customers/Departments with limited view to only their respective Resources/Accounts



In this diagram, we have created groups for each of those scenarios – we have internal groups, Partner Groups, and Customer groups. Each of these groups has access to different resources, permission levels, and users assigned to them.

The components of the Permissions System include:

**Users:** A User is a single login account that accesses ProVision. Users are assigned to Groups.

**Groups:** A Group is a set of permission conditions that apply to selected Users. Allowed modules, resources and access levels (C/R/U/D permissions) are set inside the Group.

**Resources & Access:** Inside a Group, Resource access may be set to Global TLR (applies to all Resources), or to the specific Resource level (applies to only the selected Resources). For each Resource selected, access permissions can be set with C/R/U/D permissions under each module area (IPAM, DNS, Resource, Peering).

As a whole, this makes up the ProVision permissions system. The Permissions system allows you to fine-tune access to resource data to be as detailed as you need.

## Permission Levels

### Global Permissions

When you see a reference to a "TLR" - that is a "Top Level Resource". This Is the primary Resource under which all other resources fall under.

Edit group

Global Admins

Group information

Group Name

Global Admins

External Id

☐

This group is enabled

Comments

Group Users

4

Filter users

Manage users

Resource permissions

C: Create R: Read U: Update D: Delete

TLR

IPAM	Peer	Resource	User	SWIP	Admin
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C R U D	C R U D	C R U D	C R U D		

By default, all ProVision instances include a "Global Admins" group with full "TLR" permissions, and a "Global Read Only" group with only read permissions on "TLR".

Users with "Admin" access can assign/modify permissions for other users.

See [Global Permissions](#) for more details on configuring these elements.

## Resource Permissions

An administrator can also set respective module and C/R/U/D permissions for a given Resource (single or multiple). These permissions fall under Groups.

Edit group

GlobalReadLimitedWrite

Group data and permissions

Custom navigation options

Group information

Group Name

GlobalReadLimitedWrite

External Id

☒

This group is enabled

Comments

Group Users

1

Filter users

Manage users

sap@6connect.com

Resource permissions

C: Create R: Read U: Update D: Delete

Resource lookup

Start typing to find a resource

Add resource

TLR

IPAM	Peer	Resource	User	SWIP	Admin
<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C R U D	C R U D	C R U D	C R U D		

Calvary Chapel

IPAM	Peer	Resource	User	SWIP	Admin
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C R U D	C R U D	C R U D	C R U D		

Delete group

Cancel

Save

A Group is configured for the selected Resource permissions, and User accounts are associated with the Group.

See [Working With Users](#) to learn how Resource Permissions are assigned.

See [Resource Permissions](#) for more details on configuring these elements.

## Permission Shortcut Button ("Perms Button")

In DNS and DHCP, a shortcut permissions button ("Perms") is available on a per-item level, accessible only to Admin users.

This permissions button allows for direct, point-of-use permissions adjustments to DNS Groups, Servers, Zones, Records, and DHCP Servers.

It uses the same CRUD permissions and groups available in the Admin Users tab, but removes the need to remember and search for the DNS item name.

To open the Change Resource Permissions module, click on the "Perms" Button for any DNS item.

Zone Name	Last Pushed	Last Modified	Records	Zone Status	Actions
123zone.com.		02/13/2019 11:59:32	1		Delete Push Move Check <b>Perms</b>

Edit the CRUD permissions for any user group by clicking the checkbox for the desired group and permission type.

When done, click "Save Changes". The permission changes will be also be reflected in the Admin [User](#) tab Group settings.

Change Resource Permissions

Resource Permissions

UserGroup Name	Read	Create	Update	Delete
Global Admins	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Global Read-Only	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Test Group A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Global Group 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Test Group B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

You can also restrict certain actions for the User Group in [Approvals - Actions & Permissions](#).

Close

Save changes

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- [Global Permissions](#)
- [Resource Permissions](#)
- [Verifying Permissions](#)
- [Working With Users](#)
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