3 User groups

Overview

User groups allow to group users both for organizational purposes and for assigning permissions to data. Permissions to monitoring data of host groups are assigned to user groups, not individual users.

It may often make sense to separate what information is available for one group of users and what - for another. This can be accomplished by grouping users and then assigning varied permissions to host groups.

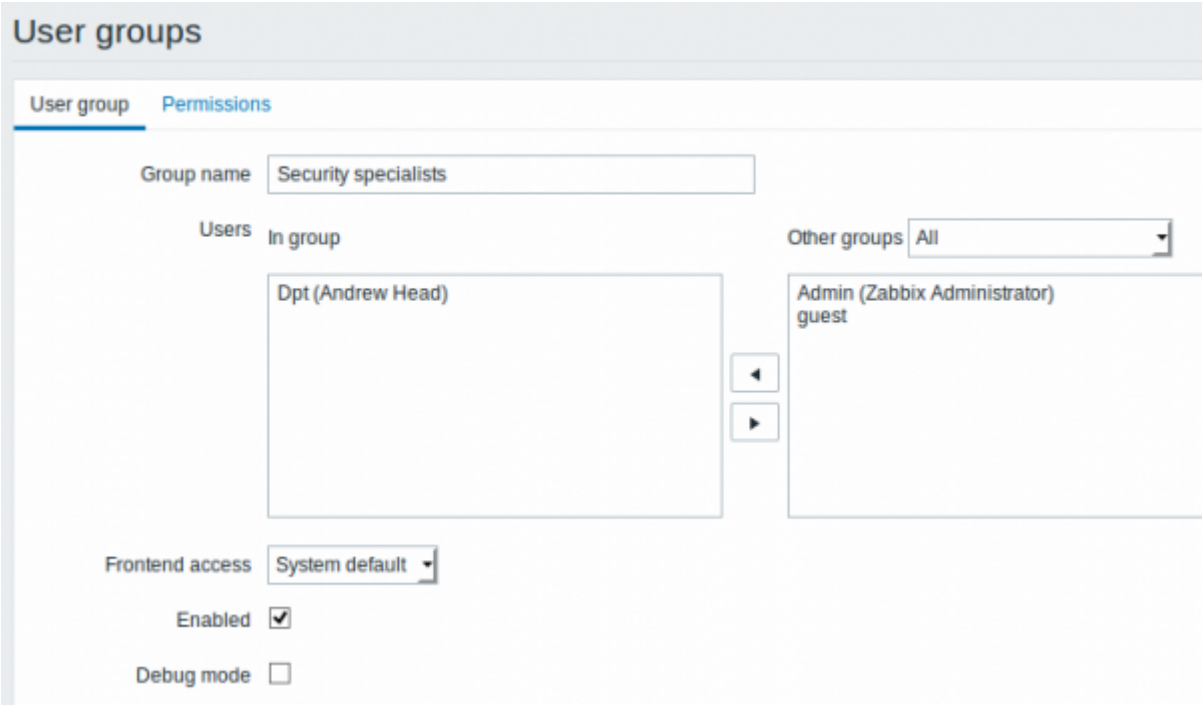
A user can belong to any amount of groups.

Configuration

To configure a user group:

- Go to *Administration* → *User groups*
- Click on *Create user group* (or on the group name to edit an existing group)
- Edit group attributes in the form

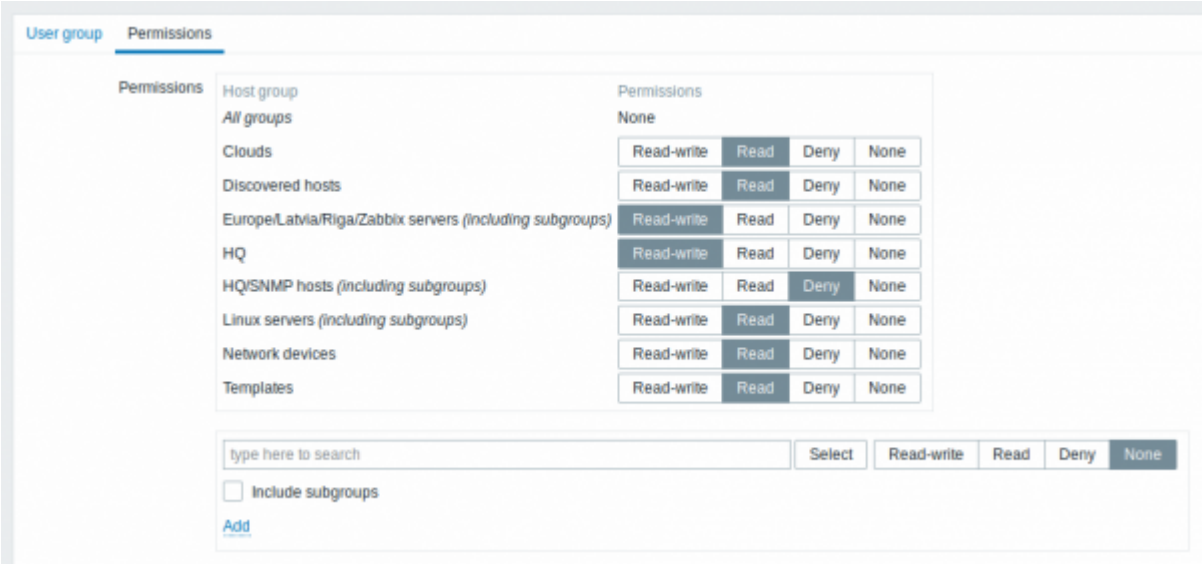
The **User group** tab contains general group attributes:



Parameter	Description
Group name	Unique group name.
Users	The **In group** block contains a listing of the members of this group. To add users to the group select them in the *Other groups* block and click on «.

Parameter	Description
Frontend access	How the users of the group are authenticated. **System default** - use default authentication **Internal** - use Zabbix authentication. Ignored if HTTP authentication is set **Disabled** - access to Zabbix GUI is forbidden
Enabled	Status of user group and group members. *Checked* - user group and users are enabled *Unchecked* - user group and users are disabled
Debug mode	Mark this checkbox to activate debug mode for the users.

The **Permissions** tab allows you to specify user group access to host group (and thereby host) data:



Current permissions to host groups are displayed in the *Permissions* block.

If current permissions of the host group are inherited by all nested host groups, that is indicated by the *including subgroups* text in the parenthesis after the host group name. (Note that in versions 3.2.0, 3.2.1 the same is expressed by a forward slash and asterisk '/*' after a host group name.)

You may change the level of access to a host group:

- **Read-write** - read-write access to a host group;
- **Read** - read-only access to a host group;
- **Deny** - access to a host group denied;
- **None** - no permissions are set.

Use the selection field below to select host groups and the level of access to them (note that selecting *None* will remove host group from the list if the group is already in the list). If you wish to include nested host groups, mark the *Include subgroups* checkbox. This field is auto-complete so starting to type the name of a host group will offer a dropdown of matching groups. If you wish to see all host groups, click on *Select*.

Host access from several user groups

A user may belong to any number of user groups. These groups may have different access

permissions to hosts.

Therefore, it is important to know what hosts an unprivileged user will be able to access as a result. For example, let us consider how access to host **X** (in Hostgroup 1) will be affected in various situations for a user who is in user groups A and B.

- If Group A has only *Read* access to Hostgroup 1, but Group B *Read-write* access to Hostgroup 1, the user will get **Read-write** access to 'X'.

“Read-write” permissions have precedence over “Read” permissions starting with Zabbix 2.2.

- In the same scenario as above, if 'X' is simultaneously also in Hostgroup 2 that is **denied** to Group A or B, access to 'X' will be **unavailable**, despite a *Read-write* access to Hostgroup 1.
- If Group A has no permissions defined and Group B has a *Read-write* access to Hostgroup 1, the user will get **Read-write** access to 'X'.
- If Group A has *Deny* access to Hostgroup 1 and Group B has a *Read-write* access to Hostgroup 1, the user will get access to 'X' **denied**.

Other details

- An Admin level user with *Read-write* access to a host will not be able to link/unlink templates, if he has no access to the *Templates* group. With *Read* access to *Templates* group he will be able to link/unlink templates to the host, however, will not see any templates in the template list and will not be able to operate with templates in other places.
- An Admin level user with *Read* access to a host will not see the host in the configuration section host list; however, the host triggers will be accessible in IT service configuration.
- Any non-Zabbix Super Admin user (including 'guest') can see network maps as long as the map is empty or has only images. When hosts, host groups or triggers are added to the map, permissions are respected. The same applies to screens and slideshows as well. The users, regardless of permissions, will see any objects that are not directly or indirectly linked to hosts.