Users

Introduction

The User endpoint allows you to manage user accounts within Open-AudIT.

How Does it Work?

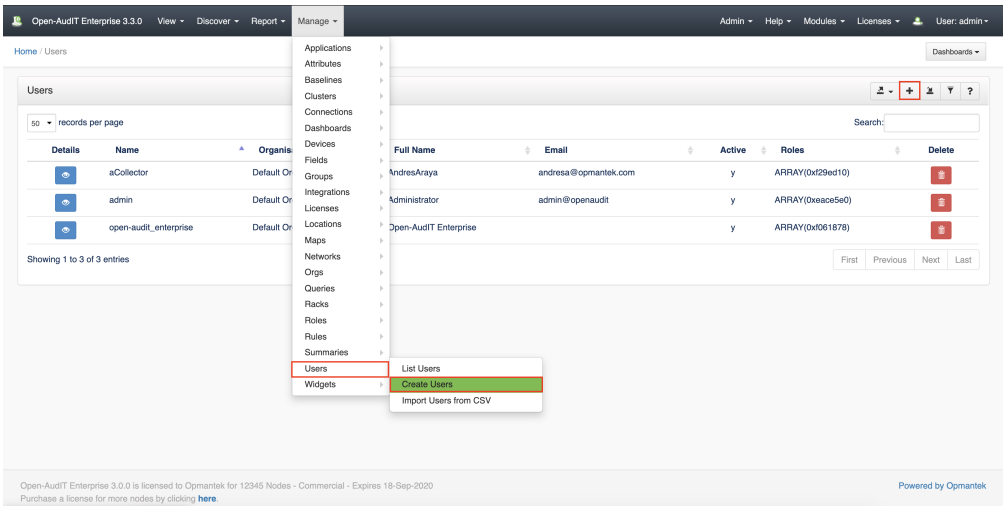
A user has a primary Org as well as a list of Orgs they can access. A user combines this with a list of assigned 'Roles' that define what actions they can take on items assigned to the Orgs they have access to. The combination of a users 'orgs' and 'roles' define what they can and cannot do within Open-AudIT.

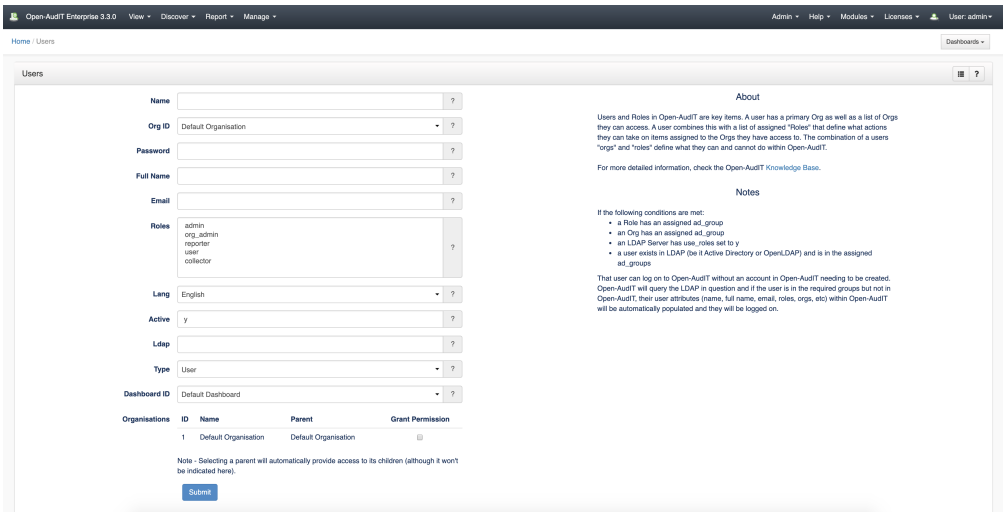
Creating a User Entry

Join Paul McClendon, an Opmantek Support Engineer, as he demonstrates how to create a new user in Open-AudIT

A user entry can be created using the web interface if the current user logged in has a role that contains the user::create permission. Go to menu: Manage -> Users -> Create Users. Also can be created from the Users View, using the "+" button.

To add a new user to Open-AudIT you have to provide the details of that person, assign the organization, select the relevant Roles (multiple roles can be selected), select if the user is active or not, etc. In addition, you must grant permission to that user to access one or more organisations. It is important to notice that selecting a parent organization will automatically provide access to its children.

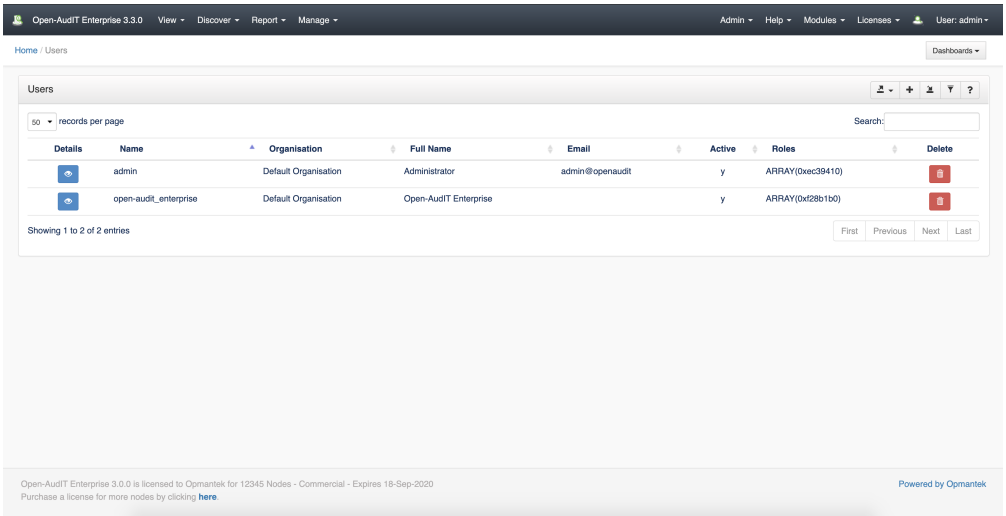




View Users Details

Go to menu: Manage-> Users -> List Users.

You will see a list of users. You can view a user by clicking on the blue view icon. You can also edit or delete users.



Database Schema

The schema for the database is below. It can also be found in the application if the user has database::read permission by going to menu: Admin -> Database -> List Tables, then clicking on the "users" table.

```
CREATE TABLE `roles` (
  `id` int(10) unsigned NOT NULL AUTO_INCREMENT,
  `name` varchar(200) NOT NULL DEFAULT '',
  `description` text NOT NULL,
  `permissions` text NOT NULL,
  `ad_group` varchar(100) NOT NULL DEFAULT '',
  `edited_by` varchar(200) NOT NULL DEFAULT '',
  `edited_date` datetime NOT NULL DEFAULT '2000-01-01 00:00:00',
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=utf8;
```

A typical entry looks as below.

```
        id: 1
      name: admin
    org_id: 1
  password:
0ab0a153e0bb0d80c50a02d08c07f0c87080eb0502f5057d30e308d204408c8068e9f4075c0eb61056107b050dd30090650b20b02109230b
210be540903ca0b6
  full_name: Administrator
      email: admin@openaudit
      roles: ["admin","org_admin"]
       orgs: [1]
       lang: en
     active: y
       ldap:
  edited_by: Administrator
edited_date: 2017-05-31 21:40:59
```

API / Web Access

You can access the /users collection using the normal Open-AudIT JSON based API. Just like any other collection. Please see the API documentation for further details.

Access is provided as part of a roles permissions. Users is a standard resource and can have create, read, update and delete permissions.

The API routes below are usable from both a JSON Restful API and the web interface. The Web application routes are specifically designed to be called from the web interface (a browser).

API Routes

Request Method	ID	Action	Resulting Function	Permission Required	URL Example	Notes	Example Response
POST	n		create	users::create	/users	Insert a new user entry.	users_create.json
GET	y		read	users::read	/users/{id}	Returns a user details.	users_read.json
PATCH	y		update	users::update	/users/{id}	Update an attribute of a user entry.	users_update.json
DELETE	y		delete	users::delete	/users/{id}	Delete a user entry.	users_delete.json
GET	n		collection	users::read	/users	Returns a list of users.	users_collection.json

Web Application Routes

Request Method	ID	Action	Resulting Function	Permission Required	URL Example	Notes
GET	n	create	create_form	users::create	/users/create	Displays a standard web form for submission to POST /users.
GET	y	update	update_form	users::update	/users/{id} /update	Show the user details with the option to update attributes using PATCH to /users/{id}