

Discoveries (pre v2)

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Introduction

Discoveries are preprepared data items that enable you to run a discovery upon a network in a single click, without entering the details of that network each and every time.

Creating a Discovery

A discovery can be created using the web interface if a user has a role that contains the discoveries::create permission. Go to menu -> Resources -> Discoveries -> Create. There is also a create button on the collection page.

View Discovery Details

Go to menu -> Admin -> Discoveries -> List Discoveries.

You will see a list of discoveries. You can view a discovery by clicking on the it's ID (in green). You can also edit or delete the discovery.

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, then clicking on the groups table.

```
CREATE TABLE `discoveries` (  
  `id` int(10) unsigned NOT NULL AUTO_INCREMENT,  
  `name` varchar(100) NOT NULL DEFAULT '',  
  `org_id` int(10) unsigned NOT NULL DEFAULT '1',  
  `description` varchar(100) NOT NULL DEFAULT '',  
  `type` varchar(100) NOT NULL DEFAULT '',  
  `devices_assigned_to_org` int(10) unsigned DEFAULT NULL,  
  `devices_assigned_to_location` int(10) unsigned DEFAULT NULL,  
  `network_address` varchar(100) NOT NULL DEFAULT '',  
  `system_id` int(10) unsigned NOT NULL DEFAULT '0',  
  `other` text NOT NULL,  
  `device_count` int(10) unsigned NOT NULL DEFAULT '0',  
  `discard` enum('y','n') NOT NULL DEFAULT 'n',  
  `created_by` varchar(200) NOT NULL DEFAULT '',  
  `created_on` datetime NOT NULL DEFAULT '2000-01-01 00:00:00',  
  `last_run` datetime NOT NULL DEFAULT '2000-01-01 00:00:00',  
  `complete` enum('y','n') NOT NULL DEFAULT 'n',  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

Example Database Entry

Connections are stored in the database in the "connections" table. A typical entry will look as below.

```

        id: 1
        name: My Home Network
        org_id: 1
        description: 192.168.1.0/24
        type: subnet
        devices_assigned_to_org: NULL
        devices_assigned_to_location: NULL
        network_address: http://192.168.1.20/open-audit/
        system_id: 0
        other: {"subnet": "192.168.1.0\24"}
        device_count: 0
        discard: n
        created_by: Administrator
        created_on: 2016-12-05 14:31:24
        last_run: 2000-01-01 00:00:00
        complete: y

```

API / Web Access

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

API Routes

Request Method	ID	Action	Resulting Function	Permission Required	URL Example	Notes	Example Response
POST	n		create	discoveries::create	/discoveries	Insert a new discoveries entry.	
GET	y		read	discoveries::read	/discoveries/{id}	Returns a discovery's details.	
PATCH	y		update	discoveries::update	/discoveries/{id}	Update an attribute of a discoveries entry.	
DELETE	y		delete	discoveries::delete	/discoveries/{id}	Delete a discoveries entry.	
GET	n		collection	discoveries::read	/discoveries	Returns a list of discoveries.	

Web Application Routes

Request Method	ID	Action	Resulting Function	Permission Required	URL Example	Notes
GET	n	create	create_form	discoveries::create	/discoveries/create	Displays a standard web form for submission to POST /discoveries.
GET	y	update	update_form	discoveries::update	/discoveries/{id}/update	Show the discovery's details with the option to update attributes using PATCH to /discoveries/{id}
GET	n	import	import_form	discoveries::create	/discoveries/import	Displays a standard web form for submission to POST /discoveries/import.
POST	n	import	import	discoveries::create	/discoveries/import	Import multiple discoveries using a CSV.