

Working with Resources

Working with Resources

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What is a Resource?

The "Resource" system is tied to the Permissions structure. What this means is that you get granular control on a resource level and can create groups around a single resource or even groups of resources. Since resources can inherit permissions from others - it can be an easy way to categorize generic objects.

WARNING!

There are key resources that are used by the System that should not be deleted. We have put in some safeguards in the UI, but the API can delete these resources if prompted. The resources that you should not remove are "Holding" and "Reverse". The "Available" resource can be renamed - simply not deleted.

How to Work with Resources?

The resource is an entity that users can assign network resources to (IP blocks, hosts, DNS zones, etc.). You can also create hierarchies between resources which allows you to leverage permissions to control who can view and interact with any given resource and its assigned elements. Please note that you can also have resources that do NOT have anything assigned to them regarding network resources. The result of this flexible architecture is that you can work with resources in three ways:

- **Resource Entries:**
These are the actual resource names. When you click the "Add Entry" button you can customize various elements of the entry and assign the parent resource, section and category from their respective dropdown menus. You may also add a Custom ID if desired.

When done, hitting "Create" and clicking on "Open resource here" will pull up the field set for the chosen section and allow you to enter the data for the given entry.

Add Item

Name
Some Resource
Add or change the resource name

Section
Resource Holder
Resource section

Parent resource
TLR
Change parent resource

Category
Customer
Add resource to category

Customer ID

Set custom label

The resource Some Resource was successfully added with id 16823. [Open resource here](#)

clear Create Close

- **Resource Sections:**

These can be anything from "customers" to "firewalls" to "cross-connects". Since you can customize the fields for these elements, you have flexibility in organizing the data. Check out [Customizing Sections](#) and [Customizing Fields](#) for more details on how to fit these elements to your business.

Id	IT Slug	IT Name	IT Parent Id	IT Parent Name	IT Category Id	IT Category Name	IT Created	IT Modified
8237	a-test-3-8236-2107225	A Test 3	1	TLR	65	Customer	2022-12-12 21:57:25	2023-03-15 12:57:45
102	circuit	Circuit	1	TLR	-	-	2013-08-07 23:38:12	2023-03-15 12:57:45
67	contact	Contact	1	TLR	-	-	2013-08-07 03:27:04	2023-03-15 12:57:44
97	datacenter	Datacenter	1	TLR	-	-	2013-08-07 03:41:43	2023-03-15 12:57:45
10133	final-test-section-10133-3...	Final Test Section	1	TLR	6789	QA Test Category	2023-01-06 15:04:15	2023-03-15 12:57:45
72	firewall	Firewall	1	TLR	-	-	2013-08-07 03:27:04	2023-03-15 12:57:44
7593	import-test-section-7593-1...	Import Test Section	1	TLR	6789	QA Test Category	2022-12-02 15:25:38	2023-03-15 12:57:45
94	lir	LIR	1	TLR	-	-	2013-08-07 03:27:05	2023-03-15 12:57:44
9608	new-test-section-9608-33...	New Test Section	1	TLR	6789	QA Test Category	2023-01-05 18:31:03	2023-03-15 12:57:45
73	physical-interface	Physical Interface	1	TLR	-	-	2013-08-07 03:27:04	2023-03-15 12:57:44
6302	qa-test-section-1-6299-42...	QA Test Section 1	1	TLR	6789	QA Test Category	2022-11-11 16:46:29	2023-03-15 12:57:45
6800	qa-test-section-2-6800-68...	QA Test Section 2	1	TLR	6789	QA Test Category	2022-11-16 20:02:29	2023-03-15 12:57:45
75	rack	Rack	1	TLR	-	-	2013-08-07 03:27:04	2023-03-15 12:57:44
66	resource-holder	Resource Holder	1	TLR	65	Customer	2013-08-07 03:27:04	2023-03-15 12:57:44
76	router	Router	1	TLR	-	-	2013-08-07 03:27:04	2023-03-15 12:57:44

- **Resource Categories:**

Categories can be used to create some filtered views for given resources and sections. For example, you can create a section called "Resource Holder" and then assign a category "Customer". Then you can view a list of resources that have been assigned to category

"Customer". In the same way, you could also assign a section called "Router" under the parent resource "Corporate Datacenter" and then assign a category "Infrastructure".

Resources	Entries	Sections	Categories	Contacts	Customers	...	Add Category	Clone	Settings
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Resource list									
Categories export show filters items per page 100 Search by name match name									
<input type="checkbox"/>	Id	IT Slug	IT Name	IT Parent Id	IT Parent Name	IT Category Id	IT Category Name	IT Created	IT Modified
<input type="checkbox"/>	99	corporate-4	Corporate IT	1	TLR	-	-	2013-06-07 03:42:16	2013-06-07 03:42:16
<input type="checkbox"/>	65	customer	Customer	1	TLR	-	-	2013-06-07 03:27:04	2013-06-07 03:27:04
<input type="checkbox"/>	98	internal-infrastructure	Internal Infrastructure	1	TLR	-	-	2013-06-07 03:42:02	2013-06-07 03:42:02
<input type="checkbox"/>	78804	location-78804-1862200	Location	1	TLR	-	-	2023-03-06 18:55:02	2023-03-06 18:55:02
<input type="checkbox"/>	9806	new-test-category-9806-3...	New Test Category	1	TLR	-	-	2023-01-05 18:30:22	2023-01-05 18:30:22
<input type="checkbox"/>	7592	qa-test-2-7592-1535164	QA Test 2	1	TLR	-	-	2022-12-02 15:25:03	2022-12-02 15:25:03
<input type="checkbox"/>	6789	qa-test-category-6789-63...	QA Test Category	1	TLR	-	-	2022-11-15 20:56:26	2022-11-15 20:56:26
<input type="checkbox"/>	8235	test-category-8234-2107109	Test Category	1	TLR	-	-	2022-12-12 21:55:11	2022-12-12 21:55:11

Displaying 1 to 8 of 8 items.

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Want to customize Sections? Check out [Customizing Sections](#) and [Customizing Fields](#) for more details!

Some examples:

- 1) Service Provider
- 2) Managed Service Provider
- 3) Datacenter/Colocation Provider
- 4) Enterprise

Additional Information

- Working with Entries
- Customizing Sections
- Customizing Fields
- Customizing Resource Views
- Gadgets
 - ACP Gadgets
 - Contacts Gadgets
 - Data Storage and Info Gadgets
 - DHCP Gadgets
 - DNS Gadgets
 - IPAM Gadgets
 - Peering Gadgets
 - Resource Gadgets
 - XML Specifications
- Contact Manager