

# Working with Entries

## Working with Entries

The list of Resource Entries is under the **Resources** Tab. To access it, you may either click on the Resources Tab, or select "Entries" from the Resource Tab dropdown menu.

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## Resource Tab / Entry List User Interface

Resources

Entries

Sections

Categories

Contacts

Customers

Add Entry

Clone

Settings

Resource list 636

Entries

export

chart view

show filters +

Items per page 100

Search by name...

Q

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"/>
<input type="checkbox"/>	250	123-department-lab	123 Department LAB	247	TripAdvisor Site 1	14681	123 Labs	2013-08-07 08:28:50	2020-07-31 19:31:08	<input type="checkbox"/>
<input type="checkbox"/>	4336	5linux	5Linux	1	TLR	90	Customer	2018-07-13 01:54:49	2018-07-13 01:54:49	<input type="checkbox"/>
<input type="checkbox"/>	387	636-waverly	636 Waverly	255	Anna's Test Site	-	-	2013-08-07 08:28:52	2013-08-07 08:28:52	<input type="checkbox"/>
<input type="checkbox"/>	3663	636-waverly-3661	636 Waverly	3661	Anna's Test Site 2	-	-	2016-06-07 23:48:23	2016-06-07 23:48:23	<input type="checkbox"/>
<input type="checkbox"/>	3706	636-waverly-3661-3704	636 Waverly	3704	Another Test Site	-	-	2016-09-07 21:54:18	2016-09-07 21:54:18	<input type="checkbox"/>
<input type="checkbox"/>	3587	6awsesome	6awsesome	1	TLR	90	Customer	2015-06-04 22:07:23	2015-06-04 22:07:23	<input type="checkbox"/>
<input type="checkbox"/>	178	6c-vm1	6c-vm1	177	www.6connect.com	-	-	2013-08-07 08:28:49	2013-08-07 08:28:49	<input type="checkbox"/>
<input type="checkbox"/>	451	arin-default-lir	6connect	1	TLR	-	-	2013-08-07 08:28:57	2013-08-07 08:28:57	<input type="checkbox"/>
<input type="checkbox"/>	402	6connect-labs	6connect Labz	1	TLR	90	Customer	2013-08-07 08:28:52	2020-02-07 21:54:20	<input type="checkbox"/>
<input type="checkbox"/>	4104	6connect-ripe	6connect RIPE	1	TLR	-	-	2017-10-04 00:44:05	2017-10-04 02:44:05	<input type="checkbox"/>
<input type="checkbox"/>	3640	6connect-test	6connect TEST	1	TLR	-	-	2016-03-05 00:34:38	2016-03-05 00:34:38	<input type="checkbox"/>
<input type="checkbox"/>	1272	7connect	7connect	523	Ashburn	-	-	2014-06-06 04:00:30	2018-07-11 22:40:16	<input type="checkbox"/>
<input type="checkbox"/>	1182	7connect-labs	7connect Labs	255	Anna's Test Site	90	Customer	2014-05-01 07:59:45	2014-05-01 07:59:45	<input type="checkbox"/>

### Page Header Button Bar:

Resources	Entries	Sections	Categories	Contacts	Customers	Add Entry	Clone	Settings ⚙
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**1) List View Buttons:** Click each Resource View button to display the desired list. *Entries*, *Section*, *Categories*, *Contacts*, and *Customers* are provided by default, although custom list views may be created and pinned to the button bar.

**2) Add Entry Button:** Click to add a new entry.

**3) Clone Resource Button:** Click to clone an existing resource

**4) Settings:** Click to open up the settings page, where default and custom list filters, settings, column fields, and column order may be customized.

### Resource List:

The screenshot shows a web interface for managing resources. At the top, a blue header bar contains the text 'Resource list 636' (callout 1). Below this, a light gray bar contains several controls: 'Entries' (callout 2), 'export' (callout 3), 'chart view' (callout 4), 'show filters' (callout 5), 'Items per page' set to 20 (callout 6), a search box 'Search by name...' (callout 7), and a 'match name' checkbox. The main area is a table with columns: 'Id', 'Slug', 'Name', 'Parent Id', 'Parent Name', 'Category Id', 'Category Name', 'Created', and 'Modified'. The table lists various resources, including '123-department-lab', '636-waverly', and '636-waverly-3661-3704'. A right-click context menu is open over the row with 'Id' 4339, showing options: 'View', 'Edit', 'Clone', 'Edit Attributes', 'Unassign ip addresses', and 'Delete' (callout 11). At the bottom, a pagination bar shows 'Displaying 1 to 20 of 636 items.' and a set of page numbers (1, 2, 3, 4, 5, 6, ..., 26, 27, Next) with '6' highlighted (callout 6).

Id	Slug	Name	Parent Id	Parent Name	Category Id	Category Name	Created	Modified
250	123-department-lab	123 Department LAB	247	TripAdvisor Site 1	14681	123 Labs	2013-08-07 08:28:50	2020-07-31 19:31:08
4336	Slinx	SLinx	1	TLR	90	Customer	2018-07-13 01:54:49	2018-07-13 01:54:49
387	636-waverly	636 Waverly	255	Anna's Test Site	-	-	2013-08-07 08:28:52	2013-08-07 08:28:52
3663	636-waverly-3661	636 Waverly	3661	Anna's Test Site 2	-	-	2016-06-07 23:48:23	2016-06-07 23:48:23
3706	636-waverly-3661-3704	636 Waverly	3704	Another Test Site	-	-	2016-09-07 21:54:18	2016-09-07 21:54:18
3587	6awesome	6awesome	1	TLR	90	Customer	2015-06-04 22:07:23	2015-06-04 22:07:23
178	6c-vm1	6c-vm1	177	www.6connect.com	-	-	2013-08-07 08:28:49	2013-08-07 08:28:49
451	airin-default-lir	6connect	1	TLR	-	-	2013-08-07 08:28:57	2013-08-07 08:28:57
402	6connect-labs	6connect Labz	1	TLR	90	Customer	2013-08-07 08:28:52	2020-02-07 21:54:20
4104	6connect-ripe	6connect RIPE	1	TLR	-	-	2017-10-04 00:44:05	2017-10-04 02:44:05
3640	6connect-test	6connect TEST	1	TLR	-	-	2016-03-05 00:34:38	2016-03-05 00:34:38
1272	7connect	7connect	523	Ashburn	-	-	2014-06-06 04:00:30	
1182	7connect-labs	7connect Labs	255	Anna's Test Site	90	Customer	2014-05-01 07:59:45	20
4339	a-and-e-television-network	A and E Television Network	1	TLR	90	Customer	2018-07-13 01:54:49	20
279	a1b2	A1B2	349	Atlanta Datacenter	-	-	2013-08-07 08:28:51	20
350	a1b7	A1B7	349	Atlanta Datacenter	-	-	2013-08-07 08:28:52	20
315	a3b5	A3B5	314	Santo Domingo Datacenter	-	-	2013-08-07 08:28:51	20
4342	aaa	AAA	1	TLR	90	Customer	2018-07-13 01:54:49	2018-07-13 01:54:49
761	abc-incorporated	ABC Incorporated	3542	Quitoo2	90	Customer	2014-02-01 08:39:40	2014-02-01 08:39:40
4261	slug-Sb47caaba45a1	ACCENTURE B.V.	1	TLR	90	Customer	2018-07-13 00:40:59	2018-07-13 00:40:59

**1) List Resource Count:** Displays the number of resources in the current list view

**2) List View Name:** The name of the current view

**3) Export Options:** Click to export the list to .csv

**4) Chart View:** Opens a link to Chart View, which graphically shows the entries in filterable, hierarchy form.

**5) List Filters:** Click to expand list filter options, including Section, Category, Parent Resource, Resource Type, or Attribute Name / Value.

**6) Items per Page / Pagination:** Set the desired number of resources per page. Pages display at the bottom of the resource list.

**7) Search:** This text box allows the user to enter in criteria to filter the list of Entries. Click "match name" for an exact name match.

**8) Resource Selection Box:** Click to select multiple resources to apply bulk changes to. When multiple resources are selected, the actions menu will change to display options to apply to the selected resources.

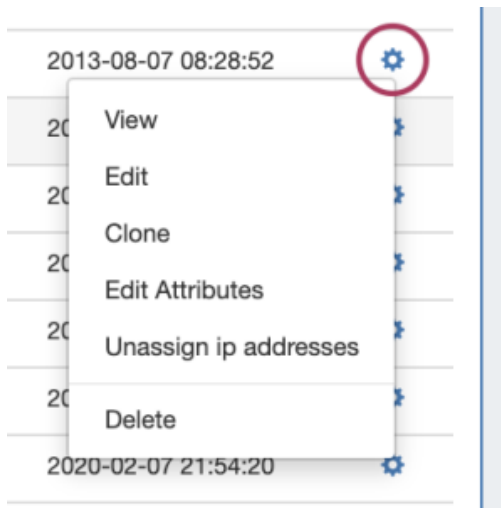
**9) Resource Field Columns:** Each column displays a resource field. Columns with arrows next to the names may be sorted by ascending /descending values by clicking on the column name. The fields that display, as well as their order, may be customized in "Settings".

**10) Resource Links:** Clicking on a resource name will take the user to that resource's individual entry page.

**11) Action Menu:** Right click anywhere on a resource's row to open the Action Menu. The Action Menu (gear icon) gives a list of actions to perform on the resource. If more than one resource is selected, bulk edit actions will display instead.

## Resource Action Menu

### Action Menu - Single Resource



Opening the Action Menu in the Entry List View for a single resource will bring up the following options:

**View:** Opens the resource's Entry page

**Edit:** Opens to the resource's Edit options

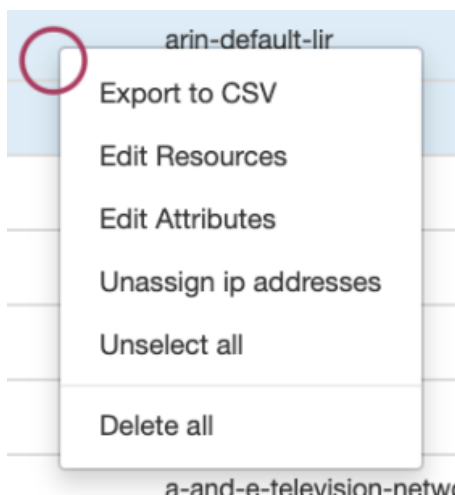
**Clone:** Opens the clone resource page for the selected resource

**Edit Attributes:** Opens the edit attributes options to view or update field values for that resource

**Unassign IP Addresses:** Unassigns all IP addresses assigned to the resource

**Delete:** Deletes the resource, if appropriate permissions exist.

## Action Menu - Multiple Resources



Opening the Action Menu in the Entry List View when multiple resources are selected will bring up the following options:

**Export to CSV:** Exports the selected resources to .csv

**Edit:** Opens the resource Edit options, to bulk change all resources

**Edit Attributes:** Opens the edit attributes options to view or update field values for the selected resources. Note: Attributes will only be able to be changed if the available fields are the same for all selected resources (in general, the resources are of the same section).

**Unassign IP Addresses:** Unassigns all IP addresses assigned to the resources

**Unselect All:** Deselects the resources

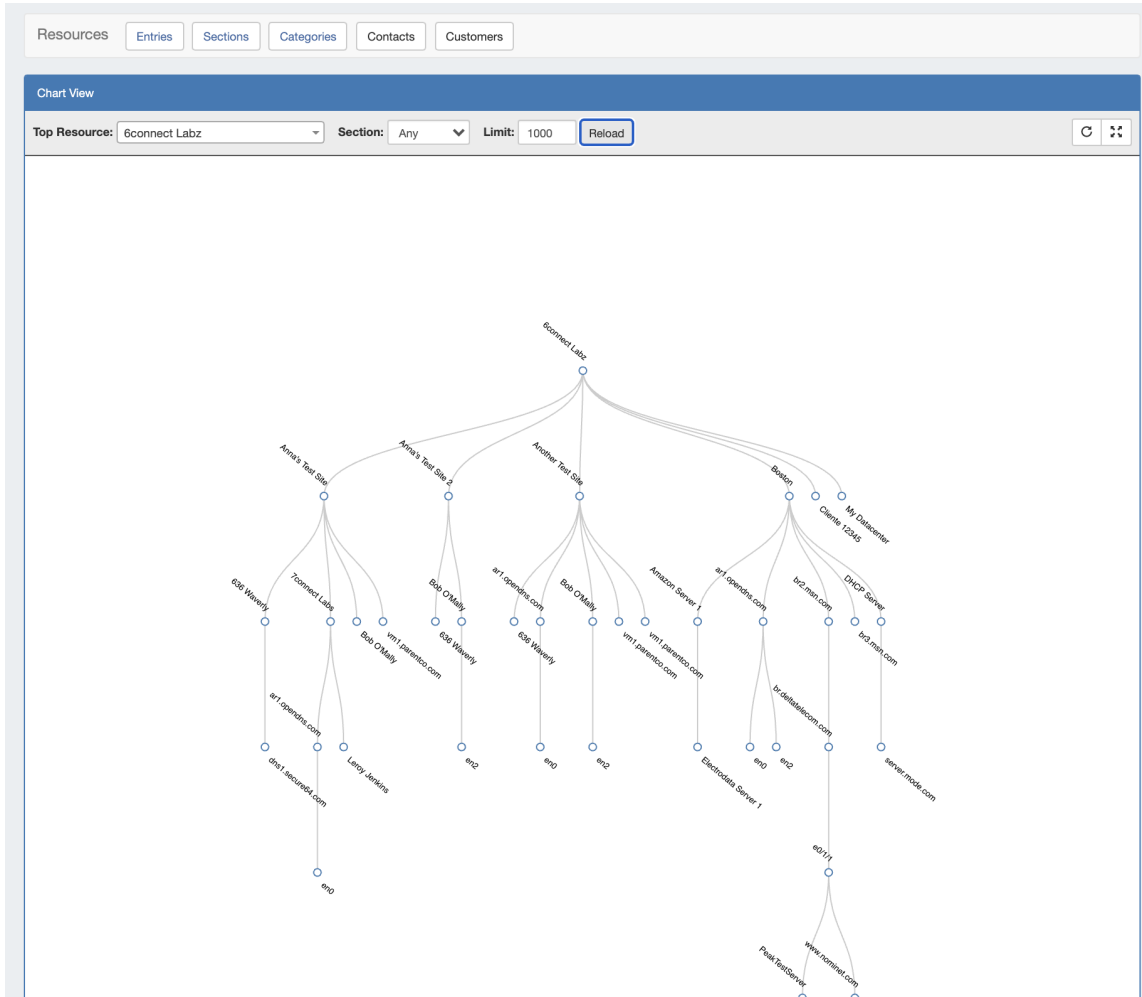
**Delete All:** Deletes the resources, if appropriate permissions exist.

## Chart View

Chart View illustrates the resources created in a node-based tree.

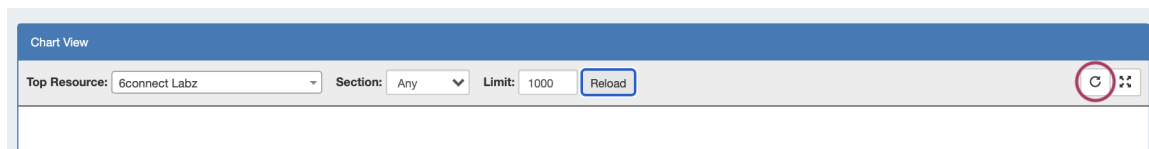
Select the Top Resource, Section Type, and limit of number of resources to display from the dropdown menus, if desired, and then click "Reload".

Users will only be able to view sections of the resource tree on which they have view permissions.

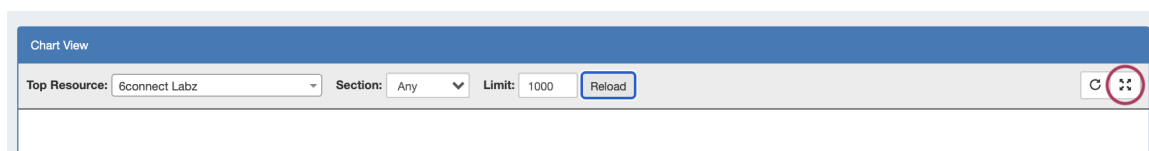


While viewing the main chart, you may:

- View in horizontal or vertical tree mode by clicking the "Switch Chart Orientation" button.



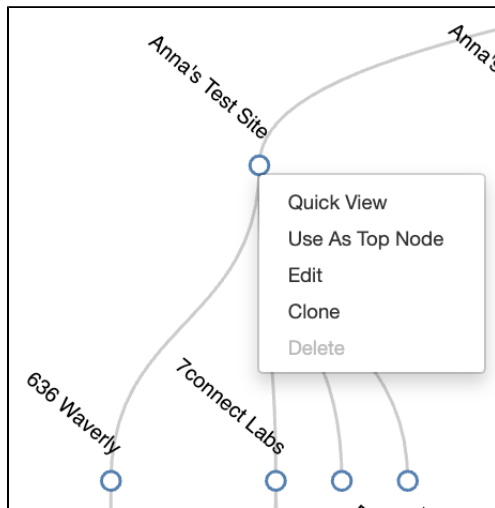
- View fullscreen by clicking the "View Fullscreen" button.



- Left click and drag within the tree view, or scroll wheel in/out to change the area viewed.
- Single or double-clicking on a node with children will collapse or expand the tree at that resource.

- Clicking and dragging a resource node to another resource will relocate the resource to be a child of the resource it is dropped on.

Hovering over a specific Resource or node, then right clicking will open a context menu with the following options:



**Quick View:** Shows summarized details about the resource and its children, and links to the Resource Entry page(s).

**Use As Top Node:** Set the current resource as the Top Node of the displayed hierarchy.

**Edit:** Opens to the resource's Edit page

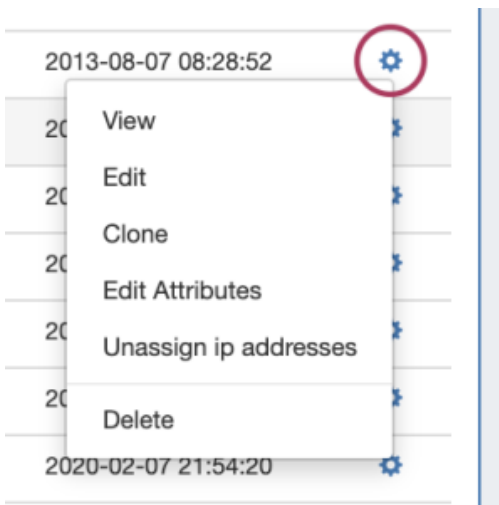
**Clone:** Opens the clone resource page for the selected resource

**Delete:** Deletes the resource, if appropriate permissions exist and no child resources/assignments exist under the resource.

## The Resource Entry Page (View Resource)

The Resource Entry Page displays details for an existing Resource and any associated Gadgets. Here, users may edit the Resource's fields, clone the resource, add child resources, and perform Gadget-level actions such as assigning and managing IPAM Blocks, Contacts, generate DNS Zones, add Field information, and manage Peering Sessions.

Open the page by clicking on a Resource name from the Resource List, or select "View" from the Action Menu for the resource in the Entry List.



The Resource Entry page displays basic details about the Resource, including name, id, section, and category.

Resources / Entries / GCI Customer / TripAdvisor S... / 123 Department LAB
Export as CSV

123 Department LAB
ID: 250  
Section: Resource Holder  
Category: 123 Labs

Contact Info
edit

Phone: 408-555-2341  
Fax:  
Mailing Details  
123 Main St.  
#340  
San Jose, CA 95124  
US  
GeoIP Details  
Same as mailing details

Billing Details  
124 Main St.  
#341  
San Jose, CA 95125  
US

Tech Info
edit

DNS Servers  
ns1: ns1.bitbandit.com  
ns3: ns3.bitbandit.com  
ns5: ns5  
ns2: ns2.bitbandit.com  
ns4: ns4  
ns6: ns6

ARIN Info  
Org ID: ORG  
Net POC: ARIN-AAH2  
Origin AS: 8038  
Org POC: ARIN-AAH2  
Abuse POC:  
Residential Customer Privacy: Enabled

IPAM

Direct assign

Smart assign

IP Blocks
filter +

Displaying 1 to 4 of 4 blocks

Additional information and actions are available to perform for the Resource, depending on which Gadgets are enabled for the associated Section:



#### Note

A few things to keep in mind on Gadgets:

- Not all Gadgets are appropriate for all Resource types - some are suited for Routers, Servers, etc.
- Some Gadgets (marked "Legacy") may not be available to new ProVision users or newer versions of ProVision.
- Some Gadgets may be specialized for very specific use cases or connect with other products.

Currently Available Gadgets:

- **ACP ("Workflows") Gadget:** Connector to ProVision's API Composer Platform. Executes selected ACP Workflows.
- **Contact Info:** Displays phone, address, and billing details for the Resource.
- **Contacts:** Assigns Contacts to the Resource from the Contact Manager.
- **DHCP Server Management (Legacy):** Manage a DHCP Server details and pools.
- **DHCP Customer Configuration (Specialized):** Assign and Configure DHCP Pools from APNIC Blocks.
- **DNS:** Lists DNS Zones associated with the Resource and links to the zone's DNSv3 page.
- **DNS Autogenerator:** Autogenerates DNS forward and reverse zones for the resource, based on assigned IP Blocks.
- **Document Storage:** Load, View, and Download assorted image or text documents.
- **Field Gadget:** View and Edit data and information fields associated with the current resource.
- **IPAM (Legacy):** Manage IP Blocks.
- **IPAMv2:** Manage IP Blocks - supports additional functionality over the old IPAM Gadget.
- **Notes:** Type and view short text notes.
- **Peer Groups:** View and assign Router Peer Groups.
- **Peering Sessions:** View and manage peering sessions.

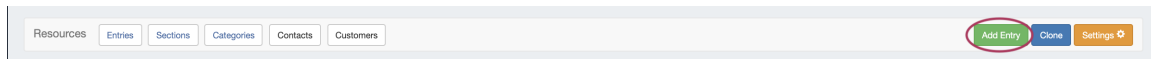
- **Peering VRFs:** Manage Peering VRFs.
- **Resource Linkage Gadget:** Create a reciprocal link to another resource.
- **Resource Linkage - IPAM Linked IPs Gadget:** View the IPs assigned to Linked Resources.
- **Resource View:** Displays the basic Resource entry information - name, section, etc.
- **Reverse API Console:** Display custom reverse API content.
- **Tech Info:** Display NS and Technical RIR info.

From here, you can work with your selected Gadgets, performing tasks such as assigning DNS zones, IP Blocks, assign Contacts, and more.

See the [Gadgets](#) Page for detail on working with individual Gadgets.

## Create an Entry

To create a new Entry, click on the "Add Entry" button from the Resource Tab / Entry List Page.



This will take you to the Add Resource screen.

Fill in the Name of your new Resource Entry, select a [Section](#) (the chosen Section determines what gadgets will show on your new resource's Entry page), the Parent Resource, Category, and enter a Custom ID number if desired.

When complete, click the "Create" button. If you wish to exit without saving your changes, click "Close". To add another entry with the same Section, Category, and/or Parent resource, click "Create" again. To add another new entry with different selections click "clear", make new selections, and click "Create".

 A screenshot of the 'Add Resource' form. The form has a title 'Add Resource' at the top. It contains several input fields and dropdown menus:
 

- Name:** A text input field with the placeholder text 'Some Resource'.
- Section:** A dropdown menu with 'Resource Holder' selected.
- Parent resource:** A dropdown menu with 'TLR' selected.
- Category:** A dropdown menu with 'Customer' selected.
- Custom ID:** An empty text input field.

 At the bottom of the form, there are three buttons: 'clear' (circled in red), 'Create' (circled in red), and 'Close'.

Open the newly created resource by clicking "Open resource here".

**Add Resource**

**Name**  
  
 Add or change the resource name

**Section**  
 x | v  
 Resource section

**Parent resource**  
 x | v  
 Change parent resource

**Category**  
 x | v  
 Add resource to category

**Custom ID**  
  
 Set custom label

The resource New Resource was successfully added with id 19113 [Open resource here](#)

The **Resource Entry** page loads in a new tab for that Resource, displaying whatever [gadgets](#) are enabled for the associated [Section](#).

**Resources / Entries / MyNewEntry**

MyNewEntry (1023)  
 ID: 3743  
 Section: Customer  
 Category: Customer

From here, you can work with your selected Gadgets, performing tasks assigning IP Blocks, Contacts, and more.

See the [Gadgets](#) Page for detail on working with individual Gadgets.

## Edit or Delete an Entry

To edit or delete an Entry, go to the bottom of that resource's Entry Page, and select "Edit".

MyNewEntry (1023)  
 ID: 15117  
 Section: Customer  
 Category: Customer

This will bring up the Edit Entry Page, where you can edit basic information such as Name, Section, Parent, Category, or Custom ID.

When done, hit the "Save" button.



Basic Information

Name (required)

Section  
Customer

Parent  
TLR

Category  
Customer

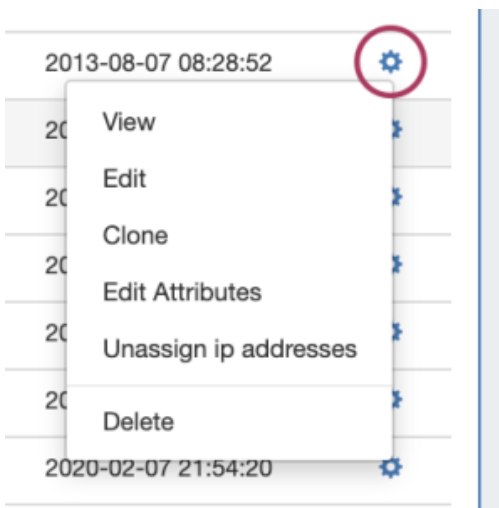
Custom ID

Delete

View Save

If you wish to delete the Entry, select the "Delete" button.

You may also edit or delete an Entry from the Resource Entry List, by right clicking on the resource, and selecting "Edit" or "Delete" from the Action Menu.



### Note

If an entry has children, the delete option will not be available. Child Entries must be deleted before a Parent Entry can be deleted.

## Export Resource Fields

### Resource List Export:

To export all resources/ resource fields displayed in a Resource List, select "Export to CSV" from the top header for the desired resource list.

Resource list 536

Entries

export

chart view

show filters +

items per page 100

Search by name...

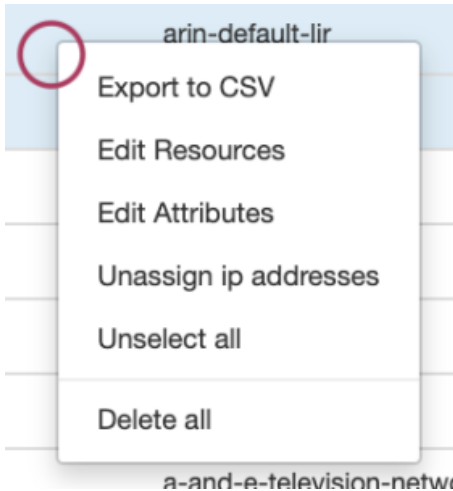
match name

Export to CSV

	Id	Slug	Name	Parent Id	Parent Name	Category Id	Category Name	Created	Modified	
<input type="checkbox"/>	250	123-department-lab	123 Department LAB	247	TripAdvisor Site 1	14681	123 Labs	2013-08-07 08:28:50	2020-07-31 19:31:08	
<input type="checkbox"/>	4336	5linx	5Linx	1	TLR	90	Customer	2018-07-13 01:54:49	2018-07-13 01:54:49	
<input type="checkbox"/>	387	636-waverly	636 Waverly	255	Anna's Test Site	-	-	2013-08-07 08:28:52	2013-08-07 08:28:52	
<input type="checkbox"/>	3663	636-waverly-3661	636 Waverly	3661	Anna's Test Site 2	-	-	2016-06-07 23:48:23	2016-06-07 23:48:23	
<input type="checkbox"/>	3706	636-waverly-3661-...	636 Waverly	3704	Another Test Site	-	-	2016-09-07 21:54:18	2016-09-07 21:54:18	

## Multiple Resources Export:

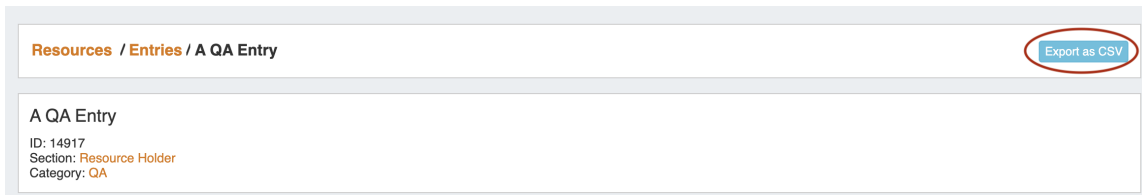
To export multiple resources, select the desired resources from the resource list, then open the action menu and click "Export to CSV".



## Single Resource Export:

Resource Entry pages have an "Export As CSV" button that generates a .csv file containing the Resource's basic field information.

To export the Resource, click the "Export as CSV" button in the header on the Resource Entry Page.



The downloaded .csv file will contain the fields containing values from the Resource Info, Contact Info, Tech Info, and Resource Field Gadget(s), with the field name in the first column, and the field values in the second column.

	A	B	C
1	Name	A QA Entry	
2	Section	Resource Holder	
3	Category	QA	
4	Created	2019-06-27T13:32:02-0700	
5	Modified	2020-01-13T12:34:51-0800	
6	Street 1	123 Main St.	
7	City	Sometown, CA	
8	Zip	12234	
9	Street 1	123 Main St.	
10	City	Sometown, CA	
11	Zip	12234	
12	Phone Main	123456789	
13	Last Billing Date	awd	
14	Country	DZ	
15	Country	DZ	
16	Residential Customer Privacy Enable	TRUE	
17	ns1	ns1	
18	Contract Number	12345	
19	Notes	Test	
20			
21			
22			
23			

## Add Child Entries

Adding a Child Entry creates a resource underneath the current resource in the hierarchy.

To add a Child Entry, at the bottom of the Resource Entry page, click "Add Child".

Fields

**Abuse POC:**  
Bob Smith

**GIS Data:**  
No

Clone Add Child Edit

This brings up the Add Entry dialog. Looking at the top navigation breadcrumbs, you can see that we are adding an Entry underneath the resource "MyNewEntry".

Fill out the Name, Section, Category, and Custom ID (if desired), and hit the "Create" button. The Parent field is pre-selected for you.

Resources / Entries / MyNewEntry / Add Entry

Fundamentals

Name (required)

NewChildEntry

Section

Data Center

Parent

MyNewEntry

Category

Uncategorized

Custom ID

123

Cancel Create

Once created, the Child Entry will show in a list at the bottom of the Parent Entry page.

Child Entries		
Name	Type	Category
NewChildEntry	Data Center	Uncategorized

## Resource Clone

Cloning an Entry duplicates the Entry and, if desired, any Child Entries existing under it.

This feature can be used to quickly and efficiently create multiple resources with same format, field information, or similar hierarchy structure. One example may be a datacenter with x number racks with y number of servers on each. One rack, with its servers as child entries could be created, and then cloned until the necessary quantity is reached. As text field information is copied during the clone, changes in individual server information would still need reviewed and updated. Think of cloning as creating a template from an existing Resource Entry.

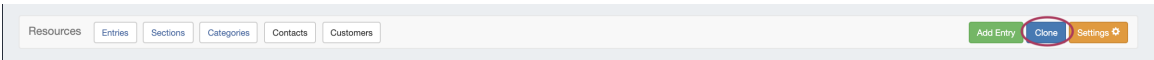
**Information Cloned:** Format of the original Resource (which gadgets are enabled, location, fields), contact / tech information, field information, and (if selected) Child Entries, and Child Entry sections, fields, and field information - in general, items that are chosen or input at the entry creation, or input into text fields.

**Information not Cloned:** IP Blocks, DNS Zones, uploaded documents - in general, items that are *assigned* to the entry rather than input into fields.

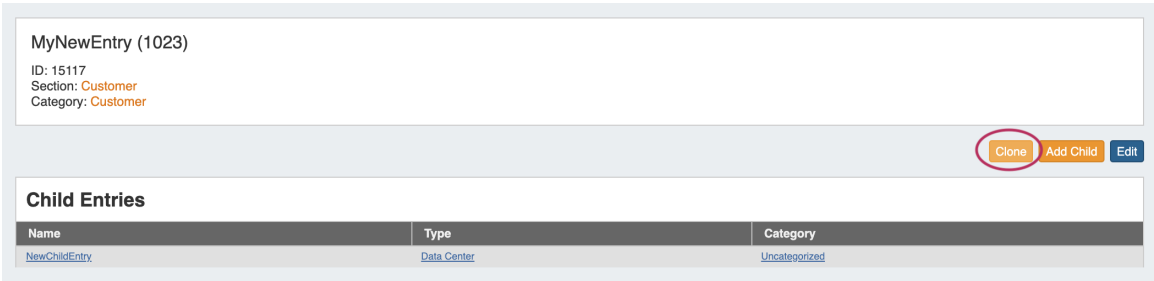
## To Clone an Entry

The Resource Clone feature may be accessed from either the [Resources](#) Tab, or from a Resource Entry page.

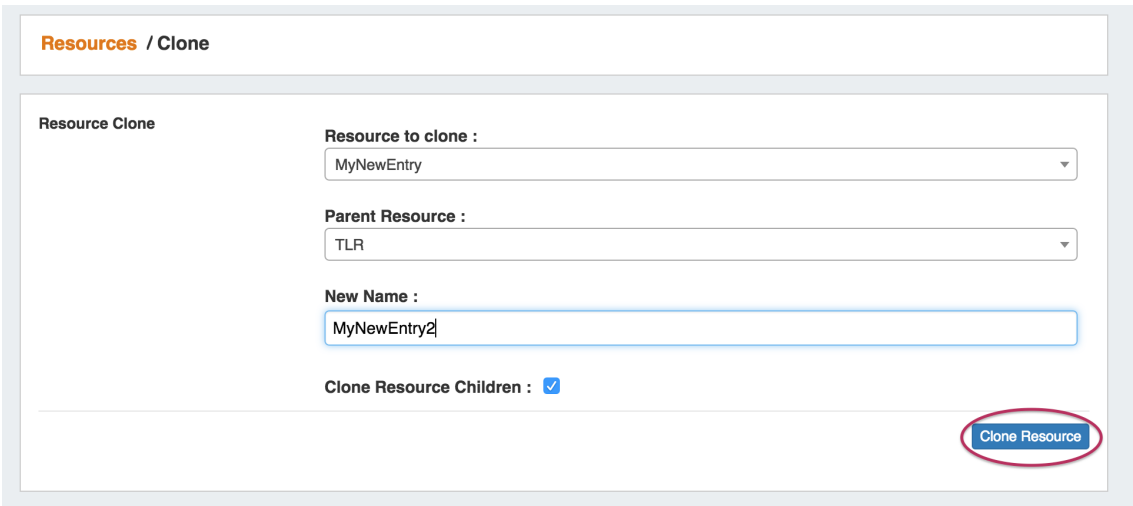
From the [Resources](#) Tab, select "Clone". This open the Resource Clone options.



You may also select "Clone" from the bottom of a Resource Entry page, in which case the Entry page you clicked "Clone" from will be automatically selected as the resource to clone.




Once on the Resource Clone Page, enter the Resource to clone, Parent Resource, and the New Name for the clone. If you wish for all children of that resource (and their children, if applicable) to be cloned, check the "Clone Resource Children" checkbox. When complete, click the "Clone Resource" button.



To repeatedly clone the resource, simply change the "New Name" field (if you want the subsequent clones to have a different name), and click "Clone Resource" again. You may repeatedly click "Clone Resource" and each click will produce a new clone.

When done, you may click on the link provided for the most recently created clone, or hit the back button from your browser to return to the parent resource.

**Tip**

Review the cloned resources using the chart view to see the hierarchy structure!

## Additional Information

Continue on to the following pages for additional information on working with [Resources](#) in Provision:

- [Working with Entries](#)
- [Customizing Sections](#)
- [Customizing Fields](#)
- [Gadgets](#)

- XML Specifications
- Contact Manager