

# Portable Gadgets

## Portable Gadgets

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## Overview


ProVision's Portable Gadgets are drop-in code snippets that use the ProVision API to bring in data to other systems or web pages. Portable Gadgets allow for quick data access and increased integration.

Currently, four Gadgets are available: Global Search, IPAM Search, DHCP Search, and Log. Each Gadget comes in various default option types for display style, number of records return, or behavior. Additional client-side style customizations may be made to further integrate the gadget with company styles.


## Global Search:

The Global Search Gadget utilizes ProVision's global search API to searching by name string and return ID, Type, and the Name. The search may be limited to specific types (IPAM, Resources, Zones, Records, Contacts, or All Types) if desired.

Search results for "6connect"		
ID	Type	Name
451	resources	<a href="#">6connect</a>
3641	contacts	<a href="#">Leroy Jenkins</a>
479	zones	<a href="#">6connect.com</a>
1598	records	<a href="#">1234.com</a>
1598	records	<a href="#">1234.com</a>
1598	records	<a href="#">1234.com</a>
1001	records	<a href="#">123ohsnap.com</a>

All Types 

Search


Powered By  6connect

## Global Search Option Types:

Type I.

Search results for "6connect"		
ID	Type	Name
451	resources	6connect
3641	contacts	Leroy Jenkins
479	zones	6connect.com
1598	records	1234.com
1598	records	1234.com
1598	records	1234.com
1001	records	123ohsnap.com


All Types


Powered By


- Returns 5 records per Type
- Auto Width, height set to 300px

#### Type II.

Search results for "6connect"	
ID	Type
451	resources
3641	contacts
479	zones
1598	records
1598	records
1598	records
1001	records


Powered By


- Returns 5 records per Type
- No search input provided
- Fixed size ( 400px wide x 300px high)

#### Type III.

Search results for "6connect"		
ID	Type	Name
451	resources	6connect
3641	contacts	Leroy Jenkins
479	zones	6connect.com
1598	records	1234.com

All Types


Powered By


- Returns 3 records per Type
- Auto Width, height set to 200px

#### Type IV.

Enter your search term below.

ID	Type	Name	Details

All Types


- No search on load
- Links stay in current window
- Fixed size (400px wide x 200px high)

#### Type V.

Search results for "Test"

ID	Type	Name
329	resources	<a href="#">test</a>
330	resources	<a href="#">test</a>
3591	contacts	<a href="#">Test Again</a>
3641	contacts	<a href="#">Leroy Jenkins</a>
1592	zones	<a href="#">atestzone</a>
571	zones	<a href="#">bit-test.com</a>
1402	zones	<a href="#">compu-test.com</a>
1342	zones	<a href="#">sometest.com</a>
981	zones	<a href="#">sometestzone.net</a>
571	records	<a href="#">bit-test.com</a>

All Types

Powered By



- Type I functionality restyled with CSS

## IPAM Search:

The IPAM Search Gadget utilizes ProVision's IPAM API to return ID, CIDR, and Resource Name results searching by an IPAM Resource name string.


IPAM query results for "6connect"

ID	CIDR	Resource
238860	<a href="#">8.8.8.0/24</a>	6connect Available
238524	<a href="#">10.0.0.0/8</a>	6connect Available
238525	<a href="#">10.0.0.0/9</a>	6connect Available
238511	<a href="#">10.0.0.0/10</a>	6connect Available

Powered By



## IPAM Option Types:

#### Type I.

IPAM query results for "6connect"		
ID	CIDR	Resource
233414	<a href="#">10.0.0.0/16</a>	6connect Available
233709	<a href="#">10.0.0.0/16</a>	6connect Available
233824	<a href="#">10.0.0.0/16</a>	6connect Available
234708	<a href="#">10.0.0.0/16</a>	6connect Available
<input type="text"/> <input type="button" value="Search"/>		Powered By 


- Returns 5 records per Type
- Auto Width, height set to 200px

#### Type II.

IPAM query results for "6connect"	
ID	CIDR
233414	<a href="#">10.0.0.0/16</a>
233709	<a href="#">10.0.0.0/16</a>
233824	<a href="#">10.0.0.0/16</a>
Powered By 	


- Returns 3 records per Type
- No search input provided
- Fixed size ( 400px wide x 200px high)

#### Type III.

Enter your search term below.		
ID	CIDR	Resource
<div style="height: 150px;"></div>		
<input type="text"/> <input type="button" value="Search"/>		Powered By 


- No search on load
- Links stay in current window
- Auto Width, height set to 300px

#### Type IV.

IPAM query results for "6connect"		
ID	CIDR	Resource
233414	10.0.0.0/16	6connect Available
233709	10.0.0.0/16	6connect Available
233824	10.0.0.0/16	6connect Available
234708	10.0.0.0/16	6connect Available
234950	10.0.0.0/16	6connect Available
<div> <input type="text"/> <input type="button" value="Search"/> </div> <div>             Powered By  </div>		

- Type I functionality restyled with CSS
- Auto Width, height set to 400px

#### Type V.

IPAM query results for "6connect"		
CIDR	updated	RIR
10.0.0.0/16	2016-02-29 14:57:20	1918
10.0.0.0/16	2016-03-09 14:17:26	1918
10.0.0.0/16	2015-10-01 09:26:54	1918
10.0.0.0/16	2016-01-28 09:21:03	1918
10.0.0.0/16	2016-03-09 13:57:40	ARIN
<div> <input type="text"/> <input type="button" value="Search"/> </div> <div>             Powered By  </div>		


- Customizable Fields
- Auto Width, height set to 300px

## DHCP Search:

The DHCP Search Gadget utilizes ProVision's DHCP API to return results of varying types when searching for a name string. The search may be limited to specific types if desired.

DHCP query results for "test"		
Name	DHCP Type	IP Assigned
RegionTest1	subnet	IP block ID 230785 (record not found)
RegionTest2	subnet	no IP
RegionTest4	subnet	IP block ID 230250 (record not found)
6connectTest	subnet	IP block ID 231193 (record not found)
QATest	subnet	IP block ID 231194 (record not found)

All Types


Powered By


## DHCP Option Types:

### Type I.

DHCP query results for "test2"		
Name	DHCP Type	IP Assigned
Test2	subnet	198.0.0.0/32


All Types

Powered By


- Returns 5 records per Type
- Auto Width, height set to 300px

### Type II.

No results found for "6connect"		
Name	DHCP Type	IP Assigned


Powered By



- Returns 3 records per Type
- No search input provided
- Fixed size ( 400px wide x 200px high)

### Type III.

Enter your search term below.

Name	DHCP Type	IP Assigned


All Types 


Powered By 

- No search on load
- Links stay in current window
- Returns 5 records per Type
- Auto Width, height set to 300px

#### Type IV.

DHCP query results for "Test"		
Name	DHCP Type	IP Assigned
TestPool	subnet	IP block ID 80872 (record not found)
Test2	subnet	<a href="#">198.0.0.0/32</a>

All Types 

Powered By 

- Type I functionality restyled with CSS
- Returns 5 records per Type
- Auto Width, height set to 300px

## Log:

The Log Gadget provides detailed information on actions performed in ProVision. Actions may be filtered by Level, Category, Log ID, User, and Time (specific or a range), as well as results-per-page option set. Additional filtering options allow targeting of specific log entries.

Clicking on the blue arrow at the beginning of each log entry shows additional details about that log item.

Level

Category

Results Per Page

Resource

10

Search

More Options

Search

Clear

« Previous 1 2 3 4 5 6 Next »

Time	User	Level	Category	Message
▶ 2016-09-15T20:44:49+0000	ops@6connect.com	Info	Resource	Added test-01 (#188)
▶ 2016-09-15T20:44:49+0000	ops@6connect.com	Info	Resource	Added test-02 (#189)
▶ 2016-09-15T20:44:49+0000	ops@6connect.com	Info	Resource	Added test-03 (#190)
▶ 2016-09-14T18:05:22+0000	ops@6connect.com	Info	Resource	Added test--2 (#187)
▶ 2016-09-14T18:01:35+0000	ops@6connect.com	Info	Resource	Updated --11 (#185)
▶ 2016-09-14T18:01:04+0000	ops@6connect.com	Info	Resource	Added 185-dhcp-module (#186)
▶ 2016-09-14T18:01:03+0000	ops@6connect.com	Info	Resource	Added --11 (#185)
▶ 2016-09-14T17:59:53+0000	ops@6connect.com	Info	Resource	Updated --10 (#184)
▶ 2016-09-14T17:58:51+0000	ops@6connect.com	Info	Resource	Updated - (#174)
▶ 2016-09-14T17:58:11+0000	ops@6connect.com	Info	Resource	Added --9 (#183)

« Previous 1 2 3 4 5 6 Next »

The following filters and options are available:

**Level:** Under the "Level" dropdown box, select "All Levels", "Emergency", "Alert", "Critical", "Error", "Warning", "Notice", "Info", or "Debug".

**Category:** Under the "Category" dropdown box, select "All Categories", "User", "IPAM", "Resource", "Resource Holder", "DNS", "Peering", "Assistant", "API", "NTP", "Device", or "Reporting".

**Results per page:** In the "Results per page" text box, type the desired number of log entries to see per page. By default, this value is set to 100.

**Search:** Type a search string, such as the name of a resource, then click the "Search" button.

## More Options:

Additional detailed filter and search options are available under the "More Options" link.

**Log ID:** Retrieve a specific log entry from its log\_id parameter.

**IP:** Search by IP of the machine that created the event in the log.

**Username:** Filter logs by ProVision username, or by "Unknown" user.

**Time:** Filter log entries by exact time created. Must be in datetime format (2016-08-14 16:41:18).

**Time Minimum:** The earliest day and time of log entries to show in results. Must be in datetime format (2016-08-14 16:41:18).

**Time Maximum:** The latest day and time of log entries to show in results. Must be in datetime format (2016-08-14 16:41:18).

## Additional Information:

- [Getting Started With Portable Gadgets](#)
- [Portable Gadget Customization](#)