Portable Gadgets

Portable Gadgets

- Portable Gadgets
  - Overview
    - Global Search:
      - Global Search Option Types:
    - IPAM Search:
      - IPAM Option Types:
    - DHCP Search:
      - DHCP Option Types:
    - Log:
      - More Options:
  - Additional Information:

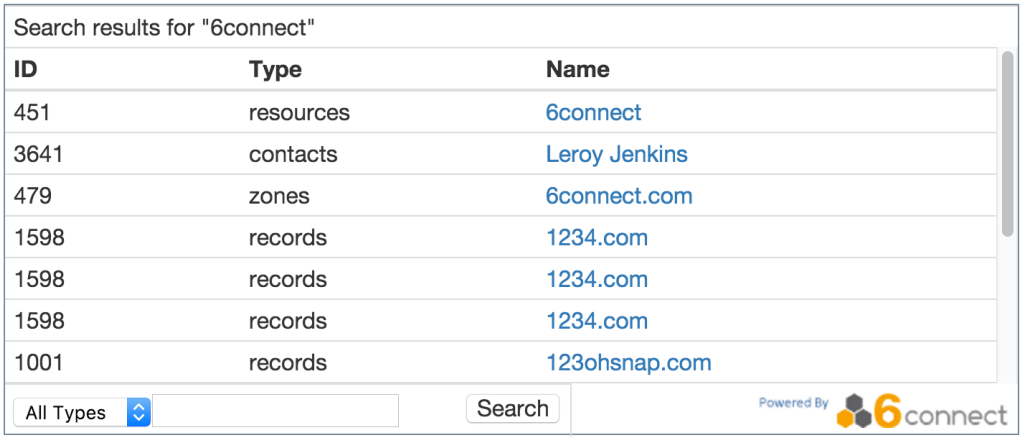
Overview

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.

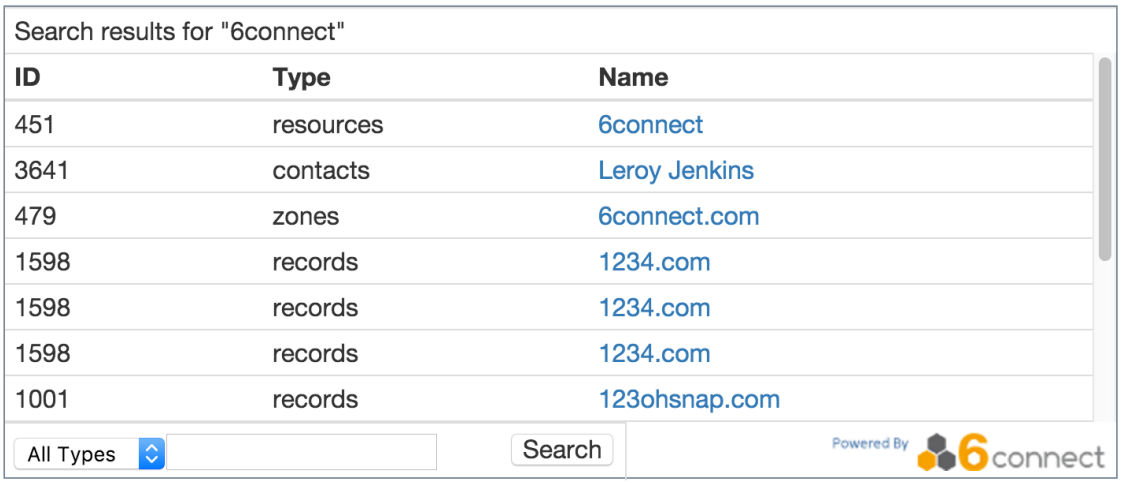
Global Search:

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.



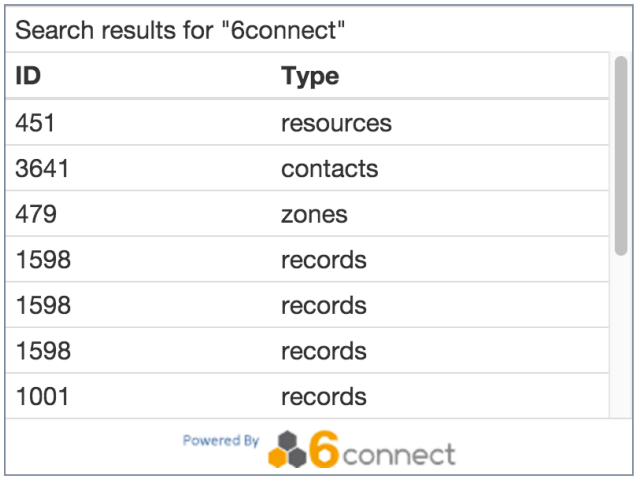
Global Search Option Types:

Type I.



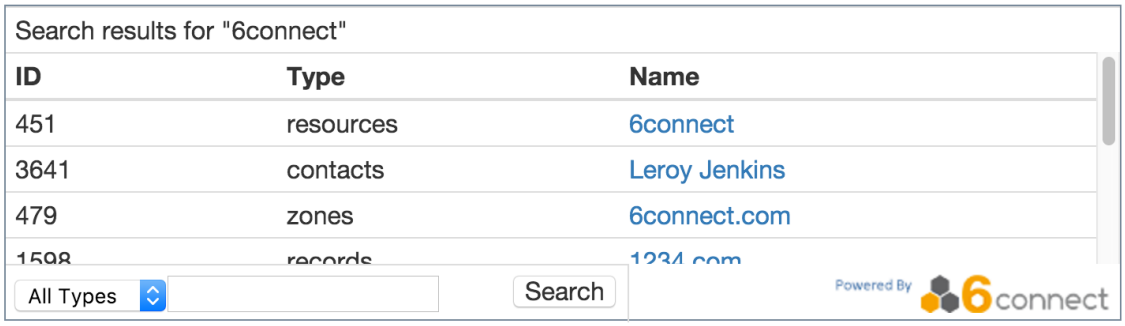
- Returns 5 records per Type
- Auto Width, height set to 300px

Type II.



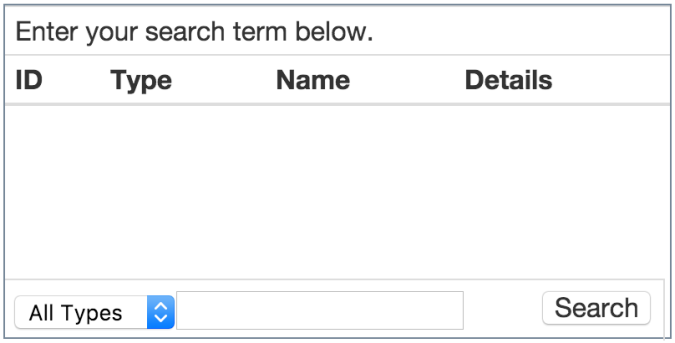
- Returns 5 records per Type
- No search input provided
- Fixed size (400px wide x 300px high)

Type III.



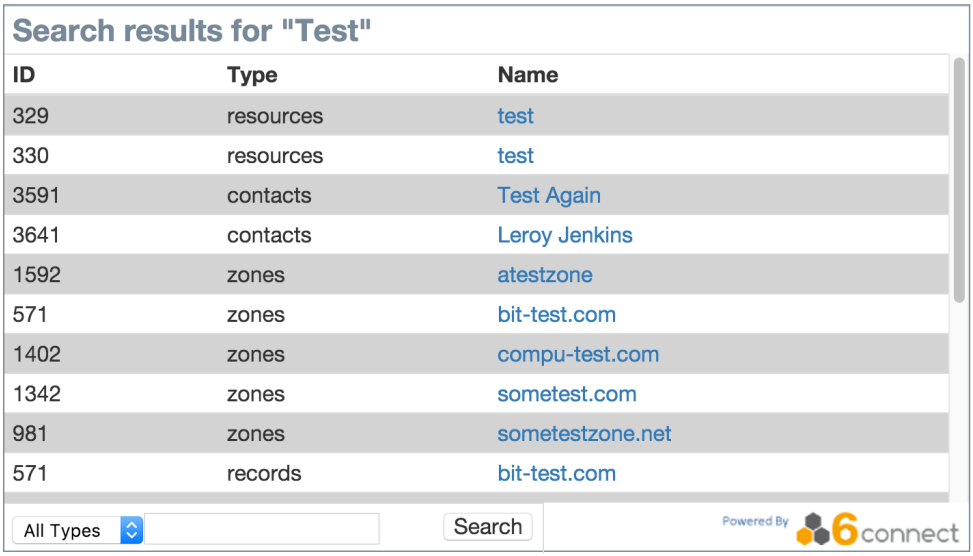
- Returns 3 records per Type
- Auto Width, height set to 200px

Type IV.



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

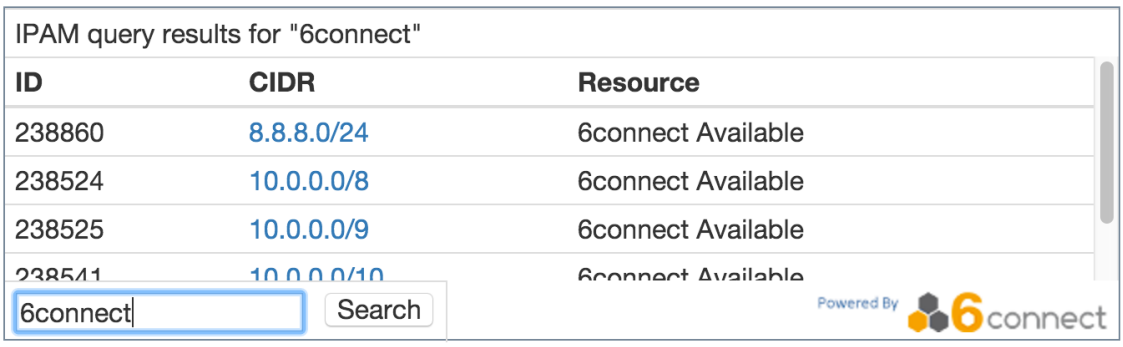
Type V.



- Type I functionality restyled with CSS

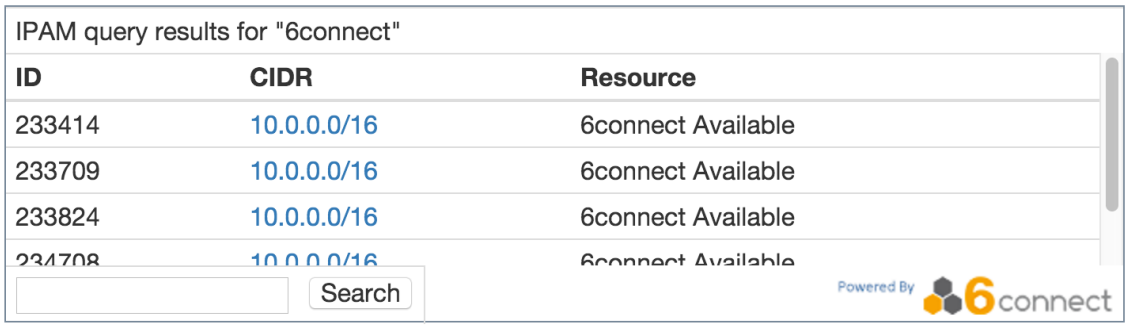
IPAM Search:

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



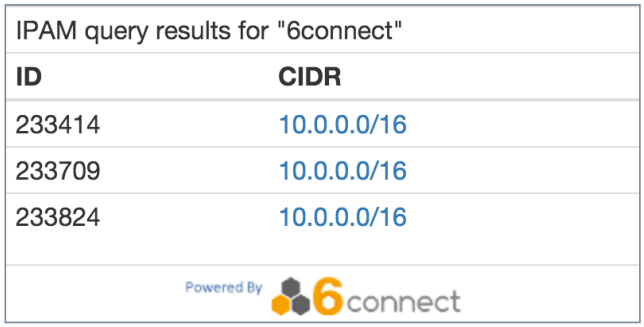
IPAM Option Types:

Type I.



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

Type II.

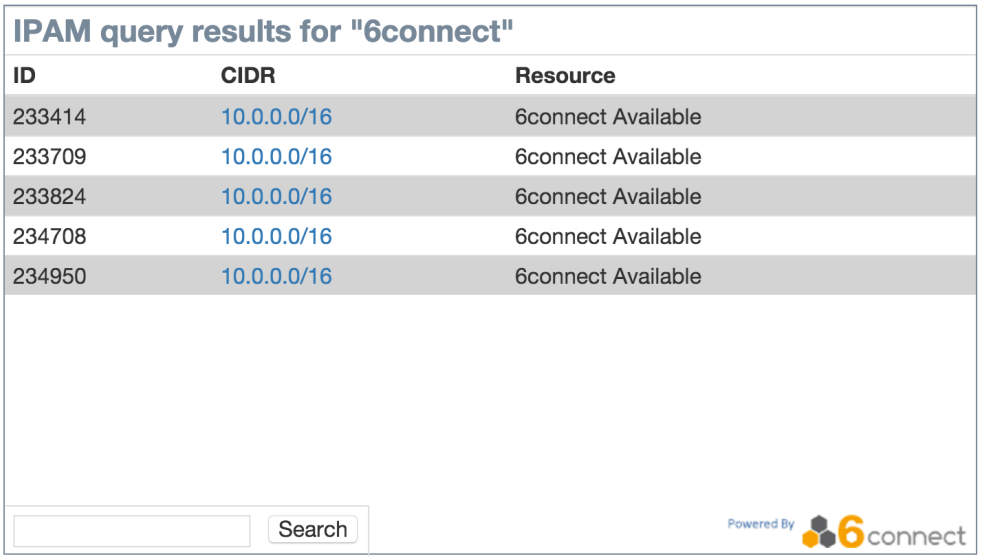


- Returns 3 records per Type
- No search input provided
- Fixed size (400px wide x 200px high)

Type III.

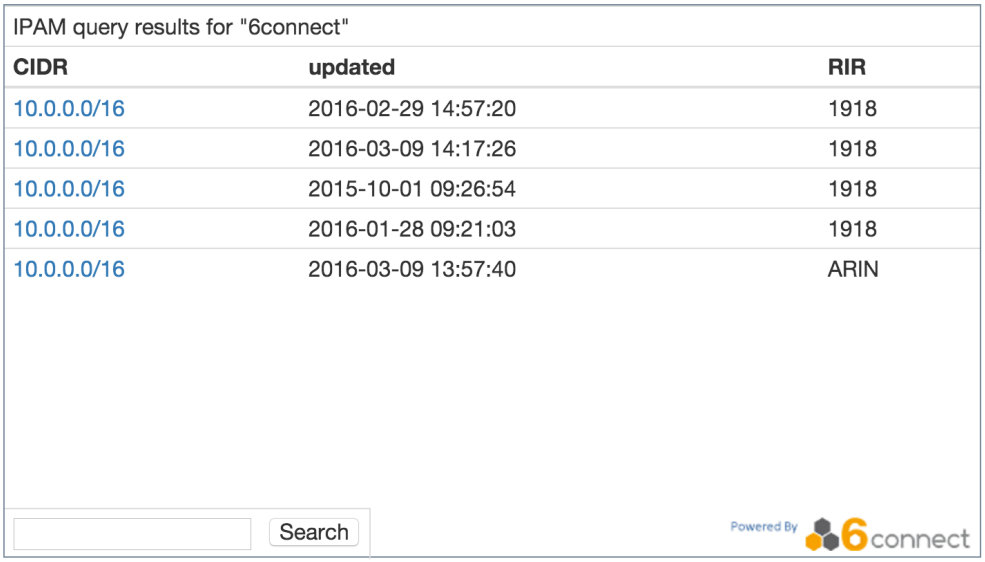
- No search on load
- Links stay in current window
- Auto Width, height set to 300px

Type IV.



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

Type V.



- 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 test Search Powered By 6connect

DHCP Option Types:

Type I.

DHCP query results for "test2"

Name	DHCP Type	IP Assigned
Test2	subnet	198.0.0.0/32

All Types Search Powered By 6connect

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

Type II.

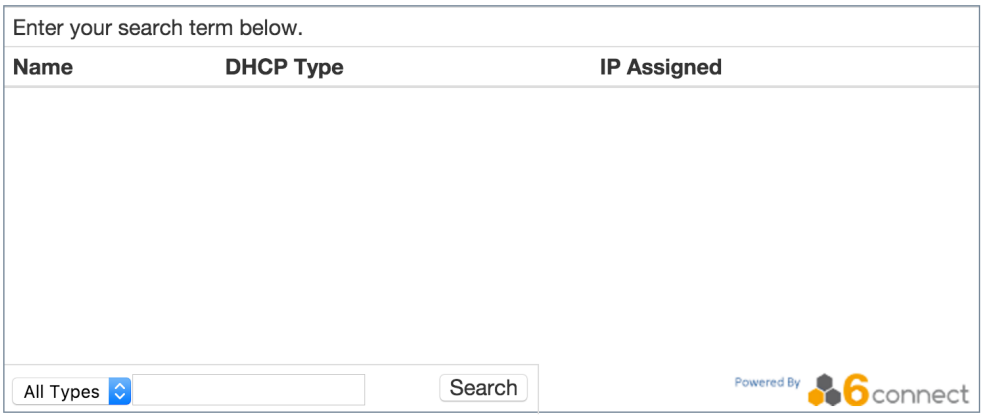
No results found for "6connect"

Name	DHCP Type	IP Assigned

Powered By 6connect

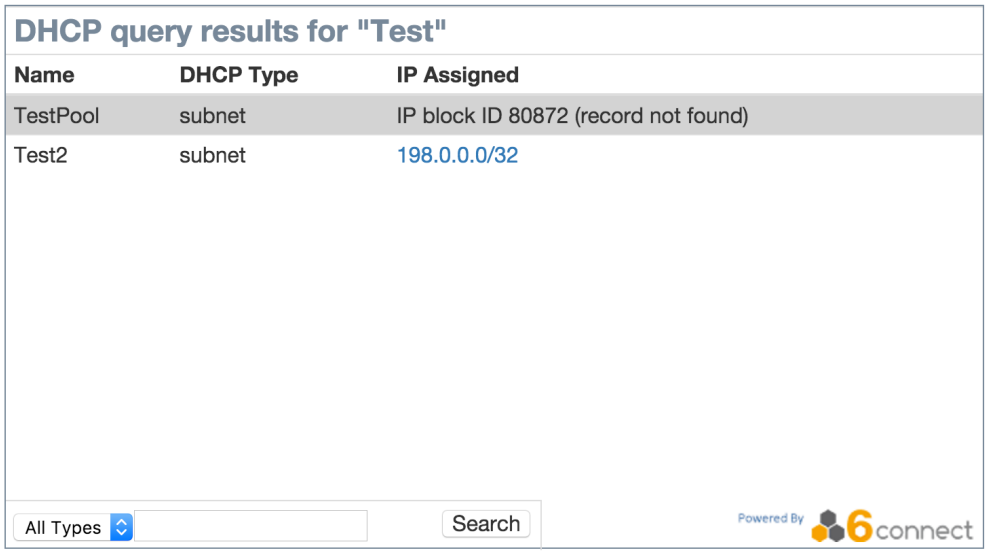
- Returns 3 records per Type
- No search input provided
- Fixed size (400px wide x 200px high)

Type III.



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

Type IV.

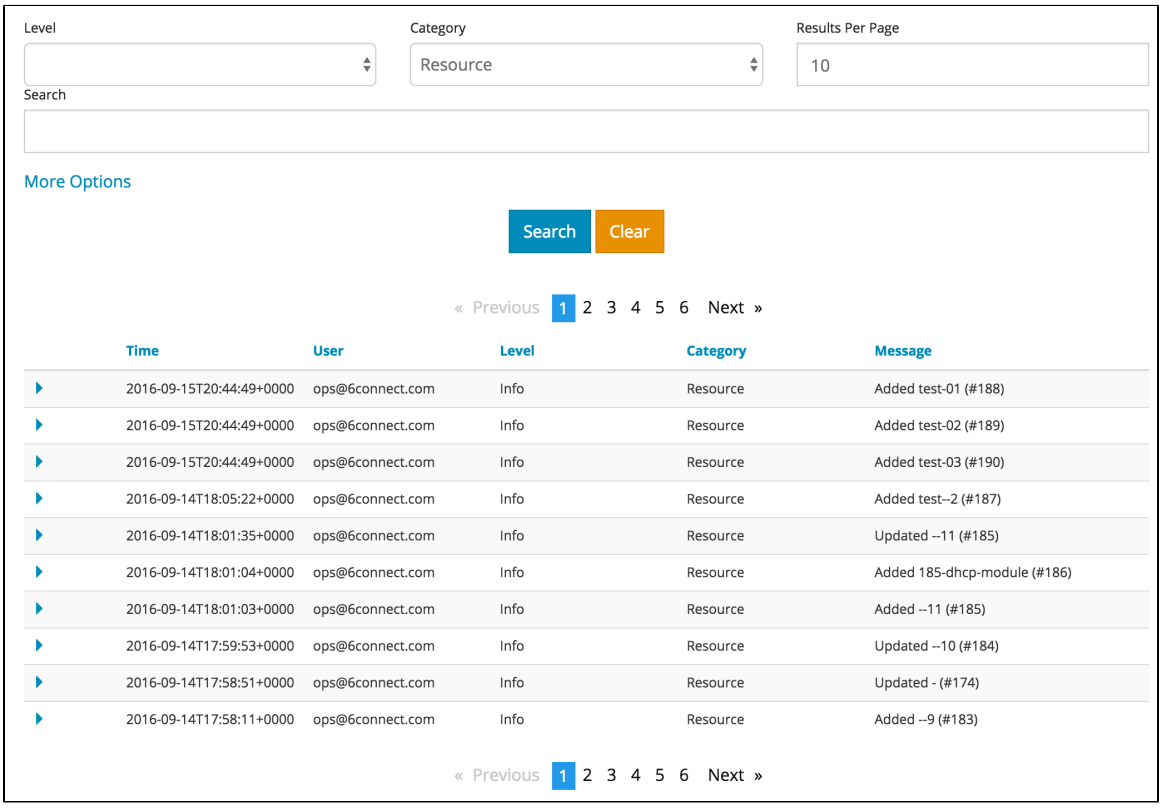


- Type I functionality restyled with CSS
- Returns 5 records per Type
- Auto Width, height set to 300px

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.



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