

Log

Log

The screenshot shows the ProVision Log interface. At the top, there is a navigation bar with various menu items: Settings, IPAM Admin, Data Import, Users, API, Scheduler, Scanning, Log (highlighted), Approvals, Constraints, and Exit Admin. A search bar is located on the right side of the navigation bar. Below the navigation bar, the main content area is titled "Logs". A blue header bar indicates "Results 73231". Below this, there are options for "Visual mode" and "Export to CSV". A table with columns for "Time", "User", "IP", "Level", "Category", "Message", and "Options" displays a list of log entries. Each entry shows a timestamp, the user "daemon", the IP "localhost", an "info" level, the "Scheduler" category, and a message indicating a task completion. The "Options" column contains a gear icon for each entry.

Time	User	IP	Level	Category	Message	Options
2023-01-06 19:40:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 19:30:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 19:20:01	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 19:10:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 19:00:03	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 18:50:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 18:40:03	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 18:30:03	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 18:20:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 18:10:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 18:00:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 17:50:03	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 17:40:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 17:30:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 17:20:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙
2023-01-06 17:10:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 alert sent	⚙

The Log provides detailed information on actions performed in ProVision. The Log is only available to Admin users.

To access the Log, either navigate to the Admin area, then click the Log Tab, or follow an area-specific Log link.

Log Features

Filters and search options:

Search or filter by a specific keyword by entering the term into the search box in the top right of the results list. Search terms may be usernames, resource names, task names, resource or task id numbers, IP's, and so on. Clear the search by clicking the "X" in the search box.

The screenshot shows a web interface for log management. At the top, there's a 'Logs' header. Below it, a blue bar indicates 'Results 1903'. A toolbar contains 'Options', 'Visual mode', 'Export to CSV', 'Items per page' (set to 100), a search box with 'test' and a red arrow pointing to it, and a 'Filters' button circled in red. Below the toolbar is a table of log entries with columns: Time, User, IP, Level, Category, and Message. A 'Filtering options' flyout is open, showing fields for Level (set to 'Info'), Category (set to 'No selection'), Log ID, IP, and Username, each with a 'value...' placeholder. 'Apply' and 'clear' buttons are at the top of the flyout.

Time	User	IP	Level	Category	Message
2023-02-10 00:51:47	daemon	localhost	info	DNS	Addi
2023-02-10 00:50:48	daemon	localhost	info	DNS	Addi
2023-02-10 00:50:47	daemon	localhost	info	DNS	Addi
2023-02-10 00:50:47	daemon	localhost	info	DNS	Addi
2023-02-10 00:49:23	daemon	localhost	info	DNS	Addi
2023-02-10 00:49:21	daemon	localhost	info	DNS	Addi
2023-02-10 00:46:54	daemon	localhost	info	DNS	Addi
2023-02-10 00:37:31	daemon	localhost	info	DNS	Addi
2023-02-10 00:37:31	daemon	localhost	info	DNS	Addi
2023-02-10 00:37:31	daemon	localhost	info	DNS	Addi

Filter the log list by clicking "Filters" (also at top right), then selecting or entering the desired filter value into the filter flyout, then click on the "Apply" button. To clear active filters, open the filter flyout and click "clear".

You may also change the number of log entries per page by selecting an option next to "Items per page" at the top right of the results list. By default, this value is set to 100.

Filtering Options:

The following filter options are available:

- **Level:** Available Level filters include: "All Levels", "Emergency", "Alert", "Critical", "Error", "Warning", "Notice", "Info", or "Debug".
- **Category:** You may select one or more category filters. Available category filters include: "API", "Assistant", "Device", "DHCP", "DNS", "IPAM", "NTP", "Peering", "Reporting", "Resource Linkage", "Resource Holder", "Resource", "Scheduler", "System", "User", or "VLAN".
- **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 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).

Tip

Use "Time Minimum" and "Time Maximum" together to specify a specific date / time range, such as one 24 hour period:

Log Details:

Click on the gear icon for a log entry to display additional details pertaining to that entry.

Results 1903

Options Visual mode Export to CSV items per page 100 test Filters

Time	User	IP	Level	Category	Message	Options
2023-02-10 00:51:47	daemon	localhost	info	DNS	Adding DNS Record : Type = "A" Host = "jmttestjio.com." ...	
2023-02-10 00:50:48	daemon	localhost	info	DNS	Adding DNS Record : Type = "A" Host = "mustesterca03.bs..."	
2023-02-10 00:50:47	daemon	localhost	info	DNS	Adding DNS Record : Type = "A" Host = "mustesterca02.bs..."	

General information on that log entry will display under the "Information" tab.

Log #174322 info

Time: 2023-01-11 12:36:00

Information Details

User Name
ops@6connect.com

IP
2607:fae0:a000:e4::1002

Category
Resource

Message
Updated final-test-section-10133-3428817 (#10133)

Close

Click on the "Details" tab to view specific values pertaining to the log action.

Log #174322 info

Time: 2023-01-11 12:36:00

Information Details

id 169322	log_id 174322	type resource_id
string_value -	number_value 10133	text_value -
date_value 2023-01-11	address_value -	address_end_value -

Close

Note: Not all fields may be populated, and not all log types may have applicable details.

Detail fields may include:

- **id**: The id of the log detail record.
- **log_id**: The id of the parent log entry (the entry that was clicked to reveal details).
- **type**: Log category value.
- **string_value**: String details.
- **number_value**: For resource type log entries, the number_value is the associated resource id.
- **text_value**: API details for API type log entries.
- **date_value**: Day of the log entry.
- **address_value**: For IPAM type log entries, address_value is the starting integer value of the IP Block.
- **address_end_value**: For IPAM type log entries, address_end_value is the ending integer value of the IP Block.

Log Chart View

To view the graphical chart version of Logs, click the "Visual Mode" toggle at the top of the results list.

The screenshot shows a log results interface with a blue header bar containing 'Results 1903'. Below the header is a control bar with 'Options', 'Visual mode' (circled in red), and 'Export to CSV'. To the right are 'Items per page' (set to 100), a search box with 'test', and a 'Filters' button. Below this is a table with columns: Time, User, IP, Level, Category, Message, and Options. The table contains three rows of log entries, all with 'Info' level and 'DNS' category.

Time	User	IP	Level	Category	Message	Options
2023-02-10 00:51:47	daemon	localhost	info	DNS	Adding DNS Record : Type = "A" Host = "jm.tdtest.jio.com." ...	⚙️
2023-02-10 00:50:48	daemon	localhost	info	DNS	Adding DNS Record : Type = "A" Host = "mustesterca03.bs..."	⚙️
2023-02-10 00:50:47	daemon	localhost	info	DNS	Adding DNS Record : Type = "A" Host = "mustesterca02.bs..."	⚙️

Each log event will be displayed as a color-coded box.

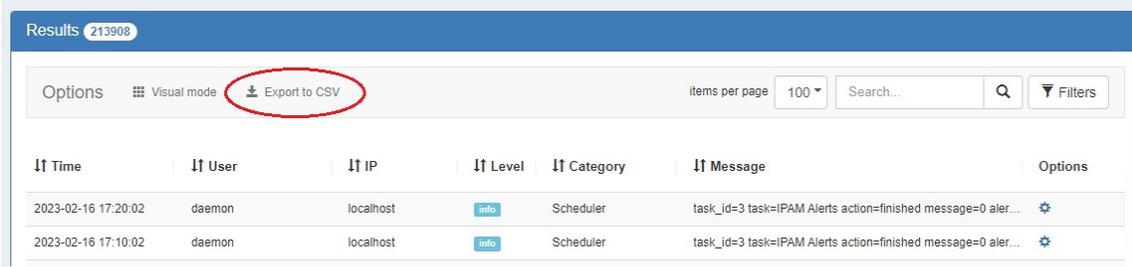
The screenshot shows a log visualization interface with a blue header bar containing 'Results 46694'. Below the header is a control bar with 'Options', 'List mode', and 'Export to CSV'. To the right are 'Items per page' (set to 500), a search box, and a 'Filters' button. Below this is a legend for log levels: Emergency (red), Alert (light red), Critical (orange), Error (dark orange), Warning (yellow), Notice (light blue), Info (medium blue), and Debug (lightest blue). The main area is a grid of colored boxes representing log events. One box is highlighted with a red circle and contains the text '173133 - warning - 2023-01-12 16:22:15'.

You may view simplified log details by hovering the mouse arrow over an event box, or view extended details by clicking on the event box.

The screenshot shows a log details modal window with a blue header bar containing 'Log #547201' and 'Level: info'. Below the header is a 'Time' field with the value '2022-01-03 15:28:17'. The main area is a form with fields for 'User Name' (value: com), 'IP' (value: :), 'Category' (value: System), and 'Message' (value: Task "Approvals Notifications" (284) added). At the bottom right are 'details' and 'Close' buttons.

Export Logs

Export the current log search results by clicking the "Export to CSV" button after performing your search.



The screenshot shows a log search interface with a blue header bar displaying "Results 213908". Below the header, there is a toolbar with "Options", "Visual mode", and "Export to CSV" (circled in red). To the right of the toolbar are "items per page" (set to 100), a search input field, and a "Filters" button. Below the toolbar is a table with columns: Time, User, IP, Level, Category, Message, and Options. The table contains two rows of log entries.

Time	User	IP	Level	Category	Message	Options
2023-02-16 17:20:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 aler...	⚙️
2023-02-16 17:10:02	daemon	localhost	info	Scheduler	task_id=3 task=IPAM Alerts action=finished message=0 aler...	⚙️

Export Limits

Note: Logs -> Export to .csv has a 100,000 record limit.

If your current filter options result in more records than that, a warning dialog will display when "Export to .csv" is selected.