

ACS 4.x Devices Enhancement

Wireframes, revision 3

Wednesday, December, 6th, 2017



DEVICES

Create new device

Create new device

Button is removed from the action bar and presented closer to the user's attention is.

Search by serial number. Click arrow for additional options.

SIDEBAR

Shortcuts

- Delta GROUP
- Overdue TAG
- 98745621666 DEVICE
- Undiscovered West SAVED SEARCH

Recent Devices

- 987453211
- 987453211
- 987453211
- 987453211
- 987453211

Device Status

- Active
- Undiscovered
- All Problematic
- Discovery Failed
- Synchronized Failed

Groups

- Alpha
- Beta
- Charlie
- Delta

Device Status: All Problematic

SHOWING 19 OF 27

Select: [All](#) [None](#)

Set default view

- Group: Delta
- Tag: Overdue
- Saved Search: Undiscovered West
- Recent Devices
- Device Status: Active
- Device Status: Undiscovered
- Device Status: All Problematic
- Device Status: Discovery Failed
- Device Status: Synchronized Failed

Default view selector

The user can customize the subset of devices that are shown when the Devices screen is initially loaded. The user's preference is maintained across session.

The options available include:
- Groups, tags and saved searches added to the Shortcuts section,
- Recent Devices, and
- States from the Device Status section

Sidebar details

Shortcuts section is a user-configurable area for adding commonly accessed devices, groups, searches. Items can be easily added and removed by the user as required.

Recently accessed devices (up to 5) are shown. An item is considered "recent" when its device hub or other device related page is presented to the user. Clicking on a device listing in this section sends the user directly to that device's hub page.

The Device Status section makes it easy for the user to navigate to devices reporting a particular status.

The Groups section makes it easy for the user to navigate to devices that are within a specific group. This section is presented last as it could be a bit long.

	Manufacturer	Device Model	Serial Number	Device ID	Device Name	Discovered	Last Seen	Status	Tags	
1	SmartRG, Inc.	SR804nL	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	
2	SmartRG, Inc.	SR804nL	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	
3	SmartRG, Inc.	SR804nL	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		
4	SmartRG, Inc.	SR804nL	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		
5	SmartRG, Inc.	SR804nL	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		
6	SmartRG, Inc.	SR804nL	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	

SIDEBAR

Shortcuts

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Device bulk selection controls

The user is presented with shortcuts to select all or none of the devices shown. Note that Select All control is removed from the action bar.

Device Status

- Active
- Undiscovered
- All Problematic
- Discovery Failed
- Synchronized Failed

Groups

- Alpha
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- Delta

DEVICES

Create new device

Search by serial number. Click arrow for additional options.

Search input field with a dropdown arrow on the left and a search icon on the right.

Device Status: All Problematic SHOWING 19 OF 27

Select: All None

Add to Devices to Group

Export Device List

	Manufacturer	Device Model	Serial	OUI	Product Class	Last Modified	Last Seen	Status	Tags
1	SmartRG, Inc.	SR804n_00236A			m	24 Oct 2017, 13:33			
2	SmartRG, Inc.	SR804n_00236A			m	24 Oct 2017, 13:33			
3	SmartRG, Inc.	SR804n_00236A			m	24 Oct 2017, 13:33			
4	SmartRG, Inc.	SR804n_00236A			m	24 Oct 2017, 13:33			
5	SmartRG, Inc.	SR804n_00236A			m	24 Oct 2017, 13:33			
6	SmartRG, Inc.	SR804n_00236A			m	24 Oct 2017, 13:33			
7	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33			
8	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	
9	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	
10	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	
11	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overd
12	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	
13	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	
14	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	
15	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	
16	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overd
17	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	
18	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	
19	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	

Devices actions based on selection

Actions can be performed on a number of devices, namely:

- 1) Adding those devices to a new or existing Device Group, and
- 2) Exporting the information contained in the selected device rows as a CSV file.

Column selection

The user can control which columns appear in the Devices table.

The column preferences persist across table views and user sessions.

Manufacturer, Device Model, and Serial are all automatically shown and cannot be deselected.

- Show columns
- ✓ Manufacturer
 - ✓ Device Model
 - ✓ Serial
 - ✓ OUI
 - ✓ Product Class
 - ✓ Last Modified
 - ✓ Last Seen
 - ✓ Status
 - ✓ Tags
 - Created Date
 - Device Groups
 - Firmware Version
 - IP Address
 - MAC Address
 - IMEI
 - IMSI



DEVICES

Create new device

Search by serial number. Click arrow for additional options.

SIDEBAR

Shortcuts

- Delta GROUP ×
- Overdue TAG ×
- 98745621666 DEVICE ×
- Undiscovered West SAVED SEARCH ×

Recent Devices

- 987453211
- 987453211
- 987453211
- 987453211
- 987453211

Device Status

- Active
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- All Problematic
- Discovery Failed
- Synchronized Failed

Groups

- Alpha
- Beta
- Charlie
- Delta

Device Status: All Problematic ⋮
SHOWING 19 OF 27

Select: [All](#) [None](#)

Add to Devices to Group

Export Device List

	Manufacturer	Device Model	Serial	OUI	Product Class	Last Modified	Last Seen	Row actions
1	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	
2	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	
3	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	
4	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
5	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
6	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed Overdue ⋮
7	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
8	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
9	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
10	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
11	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed Overdue ⋮
12	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
13	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
14	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
15	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
16	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed Overdue ⋮
17	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
18	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮
19	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed ⋮

Row actions
Devices actions are available in a “more” menu. The device in question can be viewed, deleted, added to a new or existing group, and added to the Shortcuts section in the sidebar.

- View
- Delete
- Add to group...
- Add to shortcuts



SIDEBAR

Predictive search based on keywords

To assist the user in the creation of queries the system will attempt to detect search keywords as the user types them. Relevant matches will be presented to the user for their consideration.

Recent Devices

- 987453211
- 987453211
- 987453211
- 987453211
- 987453211

Device Status

- Active
- Undiscovered
- All Problematic
- Discovery Failed
- Synchronized Failed

Groups

- Alpha
- Beta
- Charlie
- Delta

DEVICES

Create new device

Search by serial number. Click arrow for additional options.

▼

🔍

created in the last hour

created in the last day

Recent searches

Select: **created** GTEQ 2017-11-09T22:28:13.489Z and **iprange** EQ 172.11.250.1,172.11.250.200

lastSeen GTEQ 2017-11-21T00:06:42.451Z and **deviceGroupId** EQ 337f8125-afe1-8463-cf8e-392fadcf159bb

Id	Manufacturer	Device Model	Serial	Device Group	Device Type	Last Seen	Last Sync	Status	Page	
1	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	⋮
2	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	⋮
3	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
4	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
5	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
6	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	⋮
7	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
8	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
9	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
10	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
11	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	⋮
12	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
13	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
14	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
15	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
16	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	⋮
17	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
18	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮
19	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		⋮

Recent searches

Recent searches (up to five) will be shown. Upon selecting one of these, the query will be submitted.

DEVICES

[Create new device](#)

Search by serial number. Click arrow for additional options.

SIDEBAR

Shortcuts

- Delta GROUP ×
- Overdue TAG ×
- 98745621666 DEVICE ×
- Undiscovered West SAVED SEARCH ×

Advanced query builder

The Advanced Search Builder is revealed when the user clicks the Advanced Search toggle (triangle) in the search field.

A listing of the various query terms are presented to the user. The user can select one or more of these to build a complex search.

Clicking an option “moves it” to the right panel. Otherwise, the search controls remain hidden from the users view. This requires the user to only parse the information related to the search they have in mind.

Synchronized Failed

Groups

- Alpha
- Beta
- Charlie
- Delta

SEARCH OPTIONS

- Serial Number +
- Created Date +
- Last Modified +
- Last Seen +
- Device Groups +
- Tags +
- OUI +
- Firmware Version +
- IP Address +
- Product Class +
- Manufacturer +
- Device Model +
- MAC Address +
- IMEI +
- IMSI +

Search Query

Build a search for devices by selecting from the criteria options at left.

[Cancel](#)[Search](#)

SIDEBAR

Shortcuts

- Delta GROUP ×
- Overdue TAG ×
- 98745621666 DEVICE ×
- Undiscovered West SAVED SEARCH ×

Building a query

Selected options are disabled (greyed out) in the left panel and presented in the right panel. Search criteria related to the option is revealed.

A selected option can be removed from the search easily by clicking the “x” control.

Advanced search query is built in the search field. Note that no special syntax, wildcards, or “EQ” entries are required. (Wildcards and EQ effectively implied).

Search button initiates the query.

Groups

- Alpha
- Beta
- Charlie
- Delta

DEVICES

[Create new device](#)

Search by serial number. Click arrow for additional options.

▼ **created** GTEQ 2017-11-09T22:28:13.489Z **and iprange** EQ 172.11.250.1,172.11.250.200 🔍

SEARCH OPTIONS

- Serial Number +
- Created date
- Last Modified +
- Last Seen +
- Device Groups +
- Tags +
- OUI +
- Firmware Version +
- IP address
- Product Class +
- Manufacturer +
- Device Model +
- MAC Address +
- IMEI +
- IMSI +

Search Query

Build a search for devices by selecting from the criteria options at left.

Created date ×

IP address to ×

Cancel Search



SIDEBAR

Shortcuts

- Delta GROUP ×
- Overdue TAG ×
- 98745621666 DEVICE ×

Query results

Devices which match the search performed are presented.

- 987453211
- 987453211
- 987453211
- 987453211

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- Active
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Groups

- Alpha
- Beta
- Charlie
- Delta

DEVICES

Create new device

Search by serial number. Click arrow for additional options.

▼ **created** GTEQ 2017-11-09T22:28:13.489Z **and iprange** EQ 172.11.250.1,172.11.250.200 ×

Add search to shortcuts

The search in question can be added to the Shortcuts list.

[Add Search to Shortcuts](#)

Clear search control

Search field can be easily cleared. This directs the user back to the initial page.

Search Results

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Select: [All](#) [None](#)

Add to Devices to Group

Export Device List

	Manufacturer	Device Model	Serial	OUI	Product Class	Last Modified	Last Seen	Status	Tags	IP Address	Created	
1	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	172.11.250.10	24 Oct 2017, 13:33	⋮
2	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	172.11.250.11	24 Oct 2017, 13:33	⋮
3	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		172.11.250.13	24 Oct 2017, 13:33	⋮
4	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		172.11.250.101	24 Oct 2017, 13:33	⋮
5	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		172.11.250.102	24 Oct 2017, 13:33	⋮
6	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	172.11.250.103	24 Oct 2017, 13:33	⋮
7	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		172.11.250.104	24 Oct 2017, 13:33	⋮
8	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		172.11.250.105	24 Oct 2017, 13:33	⋮
9	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		172.11.250.106	24 Oct 2017, 13:33	⋮
10	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		172.11.250.107	24 Oct 2017, 13:33	⋮
11	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed	Overdue	172.11.250.108	24 Oct 2017, 13:33	⋮
12	SmartRG, Inc.	SR804n_00236A	SR804NA015-0001355	84C8B1	Prism	24 Oct 2017, 13:33	a few seconds ago	Synchronized Failed		172.11.250.109	24 Oct 2017, 13:33	⋮

Columns related to query are shown

Columns which relate to the search query are shown if they are not already configured by the user to be.