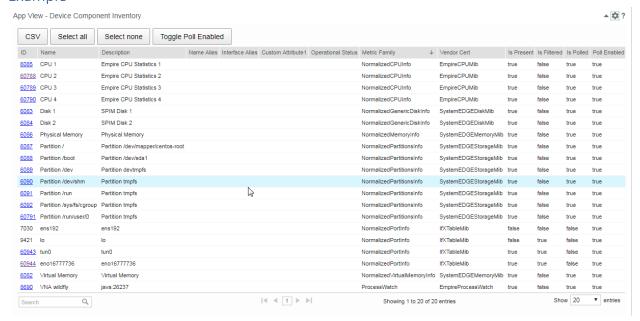
Device Component Inventory

Custom CA PC app to display all components of a device with their status in a table view.

Use Case

Identify device components regardless of type, along with their present/filtered/poll status. In v1.1 for PM 3.6, the poll enable flag for any component can be changed.

Example



Versions and Prerequisites

V1.0 CA PM 3.5 v1.1 CA PM 3.6

Approach

CA PC app with following characteristics

- uses odata and DA REST webservice queries to compile the result set
- Uses data tables graphics library
- lives on device context page
- uses CA PC redirector hyperlink that opens the device component context page in new browser tab
- Provides CSV export
- V1.1: table allows multiple row selections (Ctrl+click) and change of the "IsPollEnabled" flag.

Installation

The app is packed in a ZIP archive and can be installed through App Deployment function.

- 1. Store DevCompInventory.zip on your workstation
- 2. Under CA PC Administration -> App Deployment, select the zip archive and install it.
- 3. Navigate to a device context page.
- 4. Add a context tab, name it e.g. Components
- 5. In page editor, select single column layout and create an App View (under External Links) and select "Device Component Inventory" in the app drop down.

App view parameters:

URL: /pc/apps/user/DevCompInventory/DevCompInventory.html?id={ItemIdDA}&limit=1000 (default settings) which consists of

id={ItemIdDA} page context (device item ID DA)

optional:

ca1=YourCA custom attribute nameca1Label=Your CA Name custom attribute label

- Height: 600 (to display 20 entries per page)

NOTES

- The app is provided as an example and no warranties are provided or made
- Techniques use are serialization and merge of three queries
- Users other than "admin" need to be enabled for DA REST access in CA PC (see https://communities.ca.com/docs/DOC-231174750-ca-pc-apps-and-user-authorization)
- If you see a large amount of components with "Is Present=false" state, you should consider cleaning up the not present items: https://docops.ca.com/ca-performance-management/3-5/en/building/manage-devices/delete-components-that-are-not-present