Title: IM-devices_not_in_groups

Date: 16-Oct-2014

Purpose:

This script creates a group and places any items in this group that is currently not in any other custom/user defined group.
The script uses web service calls to CA Performance Center.

Prerequisites:

Perl

This script is written in Perl, so you will need to have a system with Perl installed. To download and install Perl, you can follow instructions here: http://learn.perl.org/installing/

The following Perl packages are used within the migration scripts, so please ensure they have been installed:

1. REST::Client
2. XML::Tidy
3. Path::Class

The Perl packages listed above are available at https://metacpan.org/.

To install these packages simply run the following command from your system where Perl is installed:

cpanm Module::Name
Example: cpanm REST::Client

cpanm will download, extract and install the package you have requested for.

Note: As stated in the install instructions for Perl, please have App::cpanminus installed before installing other Perl packages.

PM Supported version

This script supported PM version 2.3.4.

Caveats:

These scripts are developed by CA Engineering Services (SWAT). They are to be used with the understanding that it is at Your Own Risk. It is recommended the end user test this in a lab environment before work is done with any live data!! CA Support does not support these scripts. SWAT will use a 'best effort' to support and maintain as priorities permit.

Process:

Run the perl script

To run the script:
IM-devices_not_in_groups.pl <CAPC IP/Hostname>:<PORT> <CAPC USER>:<CAPC USER PASSWORD>

Example:
IM-devices_not_in_groups.pl IM-PC:8181 admin:admin

Expected Results

This script will create a group named 'Devices Not in Any Group (<Time stamp>)' and add all devices that are not part of any custom/user created groups.

Notes:

1. Devices that are not part of **user created** groups and don't belong to a 'Devices Not In Any Group' group are added.
2. Devices in DA Collections are ignored.
3. Every time the script is run, it creates a new 'Devices Not In Any Group (date/time stamp)' group –it will not delete older/existing 'Devices Not In Any Group (date/time stamp)' groups. This has been taken into consideration as well and the script will ignore any devices in a 'Devices Not In Any Group (date/time stamp)' group. You will have to delete these groups out manually.

Please report any issues or feedback to: Kishan Silva Ratnayake