Title: PM-bulk_mf_vc_import

Date: 16-Oct-2014

Purpose:

This utility provides you the capability to import Metric Families and Vendor Certificates in bulk. The script uses web service calls to the Data Aggregator.

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. 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 supports PM versions greater than 2.2 and upto 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:

Define Metric Families and Vendor Certificates to import

The first step is to place the Metric Families and Vendor Certificates that need to be imported into directories.
Create the two following directories in the same location:
1. mf ←Place all Metric Family XMLs that need to be imported in this directory
2. vc ← Place all Vendor Certificate XMLs that need to be imported in this directory

Execute IM-bulk_mf_vc_import.pl

Execute the script in the following manner with the input fields in the same sequence:

perl IM-bulk_mf_vc_import.pl <DA_HOST>:<DA_PORT> <PATH_TO_XML>

Where:
<DA_HOST>
Data Aggregator IP or Hostname.

<DA_PORT>
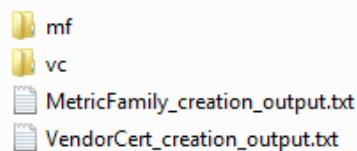Data Aggregator port.
Default is 8581.

<PATH_TO_XML>
Full path to the parent directory where the 'mf' and 'vc' directories exisit.
Example:
perl IM-bulk_mf_vc_import.pl IM-DA:8581 c:/temp/import

Once the script completes execution, there will be two files created under the parent directory where the 'mf' and 'vc' directories exist. These files contain the summary/details on the import.
1. MetricFamily_creation_output.txt
2. VendorCert_creation_output.txt

Please report any issues or feedback to: Kishan Silva Ratnayake