Title: IM-bulk_mf_vc_export

Date: 10-Oct-2014

Purpose:

This utility provides you the capability to export 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. 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.

IM Version

The version of IM required for this script to work is IM 2.2 or greater.
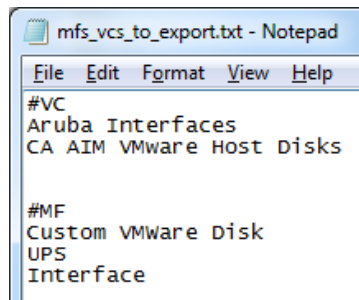It has been verified up to version 2.3.4.

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:

Define Metric Families and Vendor Certificates to export

The first step is to list out the Metric Families and Vendor Certificates that need to be exported. This is done within the *mfs_vcs_to_export.txt* file that needs to reside in the same directory as the script.

Here is the format for the *mfs_vcs_to_export.txt* file:

Under the '#VC' heading, list out the names of the Vendor Certificates that require exporting. The names are the display names of Vendor Certificates that show up within CAPC.

Under the '#MF' heading, list out the names of the Metric Families that require exporting. The names are the display names of the Metric Families that show up within CAPC.

Execute IM-bulk_mf_vc_export.pl

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

>   perl IM-bulk_mf_vc_export.pl <DA_HOST>:<DA_PORT>

Where:
> <DA_HOST>
>> Data Aggregator IP or Hostname.

> <DA_PORT>
>> Data Aggregator port.
>> Default is 8581.

Example:
perl IM-bulk_mf_vc_export.pl IM-DA:8581

Once the script completes execution, there will be two directories created; a directory named 'mf' containing the exported Metric Families and a directory named 'vc' containing the exported Vendor Certificates.
A summary of the export will also be logged to a file named *export_summary.txt.*
The two directories and the export_summary.txt will be created in the same location where the script resides.

Please report any issues or feedback to: Kishan Silva Ratnayake