

Title: PM-Unsupported_metric_family_list

Date: 16-Oct-14

Purpose:

This script generates a report showing all metric families for which data is not being collected or for which its status is something other than 'Supported'. This information is important so that plans can be made for adding vendor certifications currently not included in IM2.0 or for correcting device monitoring issues.

The current functionality of PM requires that you click through each device within the Data Aggregator to find out which Metric Families are NOT SUPPORTED or are not collecting data. After running this script and learning which metric families are NOT SUPPORTED, you can navigate within the Performance Center to find more information on the specific metrics that are included in the metric family. If the device does not support the current metric family assigned through the monitoring profile, a custom vendor certification can be produced.

Prerequisites:

Perl

This script is written in Perl, so you will need to have a system with Perl installed. To download and install Perl, 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.

Supported versions of PM

This script is supported on 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:

IM-Unsupported_metric_family_list.pl

Execute the script in the following manner:

IM-Unsupported_metric_family_list.pl <DATA_AGGREGATOR>:<PORT>

Once the script has completed running, please view the generated HTML file in a web browser - *unsupported_metric_family_list.html*.

This html file will be located in the same directory as the perl script.

The report will have a format similar to the following:

Device Name: cis2514 (xxx.xxx.xxx.xxx)

Metric Family	Vendor Certificate	Status
Address	IP Address Table (RFC1213)	--
System	System Statistics	--
VMwareVirtualMachines	--	NOT_SUPPORTED
VirtualCenters	--	NOT_SUPPORTED

Device Name: cis7606 (xxx.xxx.xxx.xxx)

Metric Family	Vendor Certificate	Status
Address	IP Address Table (RFC1213)	--
System	System Statistics	--
VMwareVirtualMachines	--	NOT_SUPPORTED
VirtualCenters	--	NOT_SUPPORTED

Please report any issues or feedback to: [Kishan Silva Ratnayake](#)