Infrastructure Management Pack for vRealize Operations Manager

Purpose of the article

The following article describes how to use Eaton Infrastructure Management Pack (MP) for vRealize Operations Manager 1.0

Pre-requisite

- VMware vRealize Operations Manager server running with Licenses
- IPM running with UPSes
  - vCenter connector configured
  - Policy defined
  - Gold or Silver license
- Eaton MP downloaded (.pak)
Step by step guide

Connect on VMware vRealize Operations Manager

- Use the Web interface

The way to go in the different section is through the “Tab”
Install the management pack (MPs)

1. Go to "Administration" => "Solutions"
2. Click on "Add" (green cross)
3. Browse and select the MP
4. Upload

Once the solutions installed and configured, the discovery process will start (if checked) and the monitoring part will start every 5 minutes (default value)

Configure the solutions

1. Select the solution
2. Click on "configure"
3. Add a new instance
4. Configure as your needs
5. Do for both VMware and Eaton
Configure the content

After the installation of the MP, you can modify all the symptoms, alarms, icons, dashboard, actions, recommendations in the content panel.

You can easily access the IPMAdapter alert with the filter on “Adapter Type” on “IPM”

You can modify the name and the configuration regarding your needs.
Check the UPS discovered and the data

1. Select “Environment”

2. Go in “UPS Systems”

3. Select a UPS to see the summary

4. You will see different tabs
   a. Alerts is the list of the alerts
   b. Analysis will show the data computed
i. Workload

ii. Anomalies

iii. Faults

iv. Capacity Remaining
v. Time Remaining
vi. Stress
c. Troubleshooting
   i. Symptoms

   ii. All metrics

   d. Details with configuration Views and Heatmaps

   e. Environment with the Map
All this area is for analysis and troubleshooting.

**Dashboard**

Home Page with the “Recommendations” dashboard with the UPS alarms and with the UPS in the grid of the Health Weather Map.

When you click on the square you can see the relationship between the square highlighted.
Eaton Dashboards

You can click on “Dashboard Lists” and select UPS Overview to see the Eaton Dashboard.

Known issues

1) When two network interfaces are installed in the same UPS, you can't control the one exposed into this management pack.
2) This management pack handles the protection of servers discovered through vCenter. The protection of a standalone ESXi is not reported into
this Management Pack.
3) Virtual Power Sources are not available into this management pack.

**Troubleshooting**

You need to go in "Configuration" => "Support" => "Logs"

Expand the Master => Expand "Collector" and double click on the IPMApapter logs.

For customer, generating a support bundle will be the preferred method.