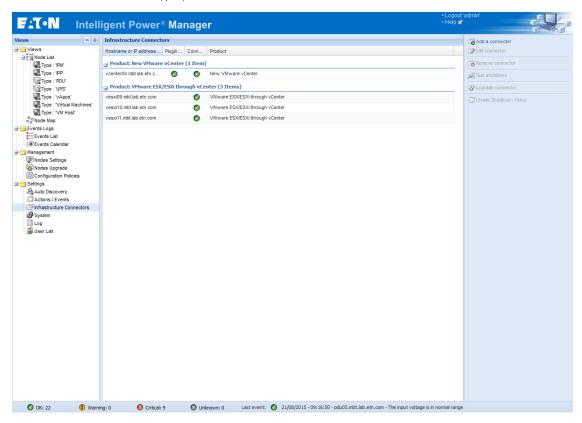
Infrastructure Management Pack for vRealize Operations Manager

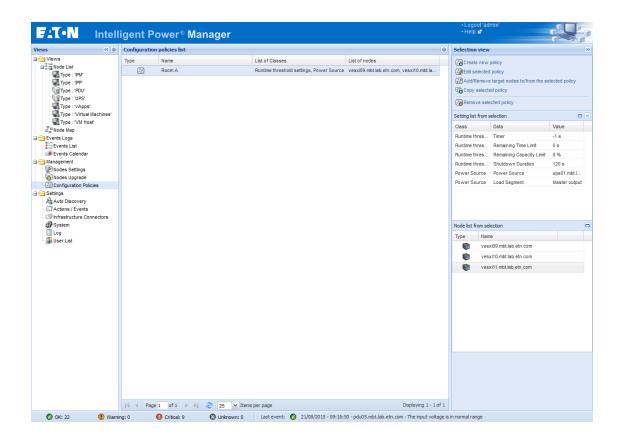
Purpose of the article

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)

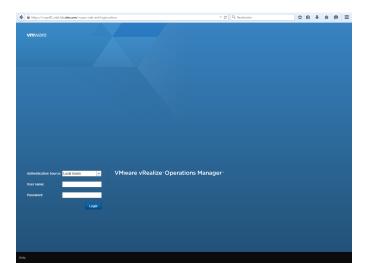




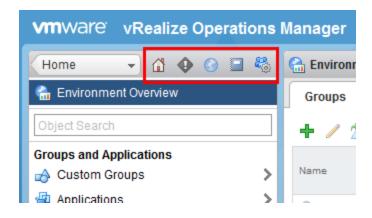
Step by step guide

Connect on VMware vRealize Operations Manager

• Use the Web interface

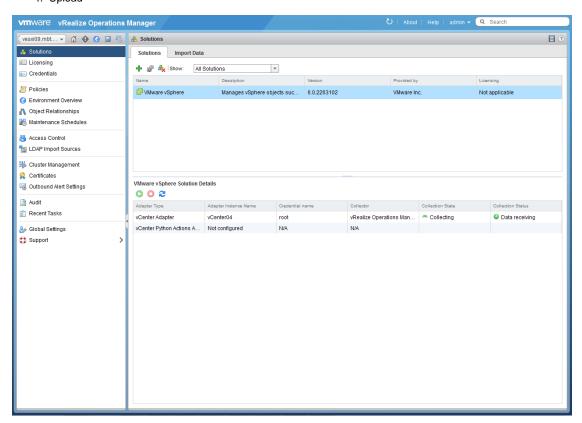


The way to go in the different section is through the "Tab"



Install the management pack (MPs)

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



Configure the solutions

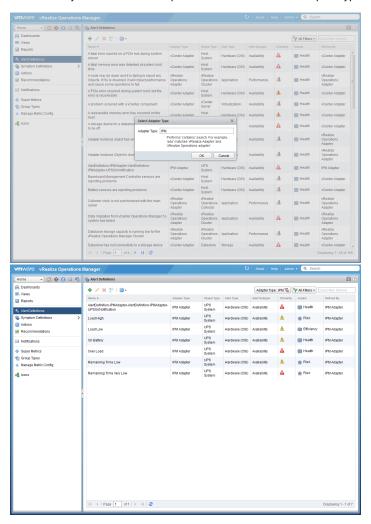
- 1. Select the solution
- 2. Click on "configure"
- 3. Add a new instance
- 4. Configure as your needs
- 5. Do for both VMware and Eaton

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 content

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

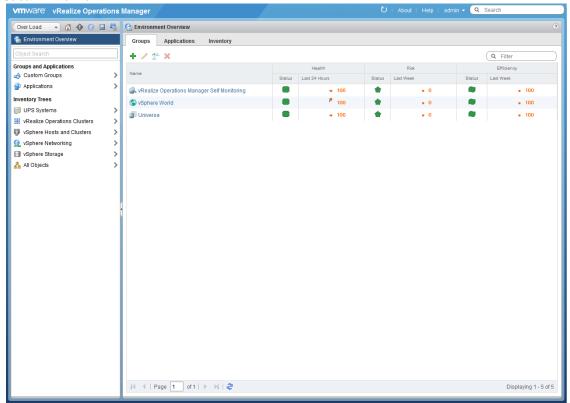
You can easily access the IPMAdapter alert with the filter on "Adapter Type" on "IPM"



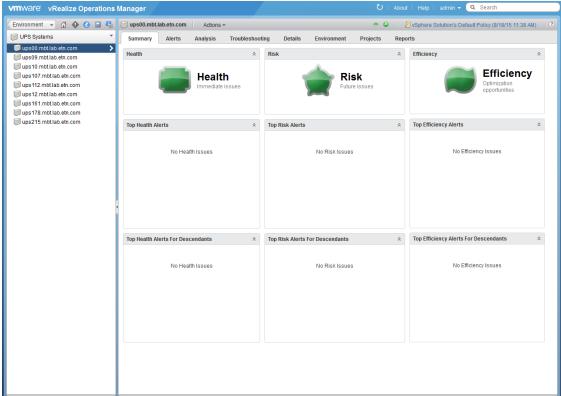
You can modify the name and the configuration regarding your needs.

Check the UPS discovered and the data

1. Select "Environment"

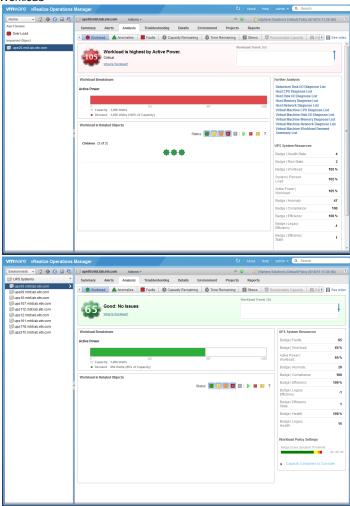


- 2. Go in "UPS Systems"
- 3. Select a UPS to see the summary

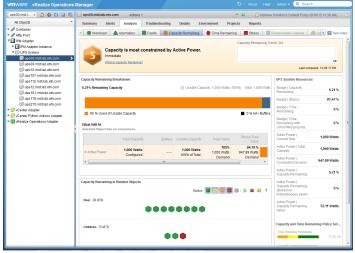


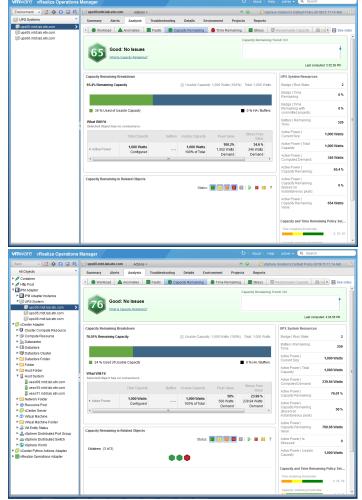
- 4. You will see different tabs
 - a. Alerts is the list of the alerts
 - b. Analysis will show the data computed

i. Workload

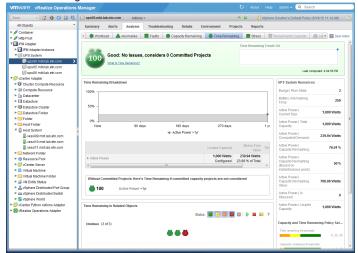


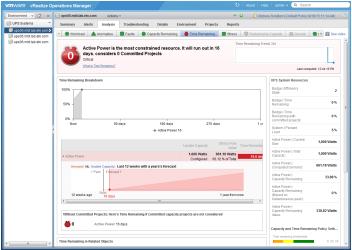
- ii. Anomalies
- iii. Faults
- iv. Capacity Remaining



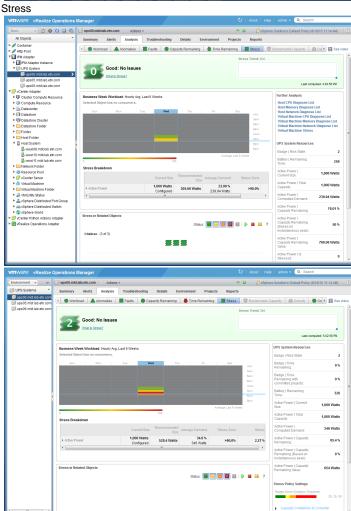


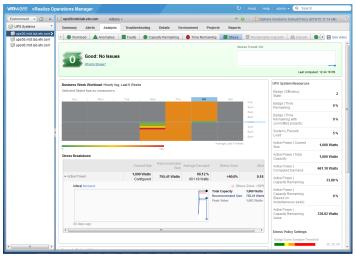
v. Time Remaining



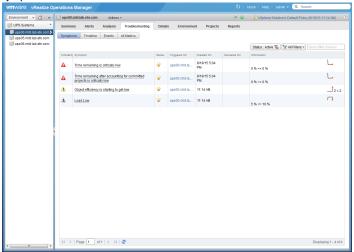


vi. Stress

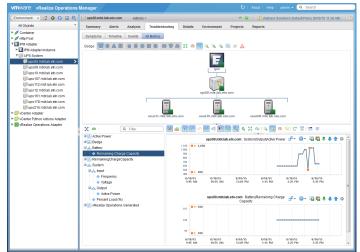




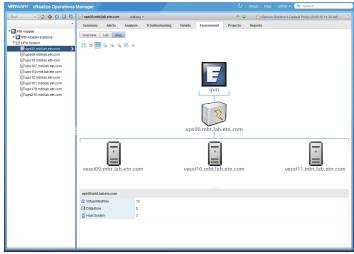
c. Troubleshooting i. Symptoms



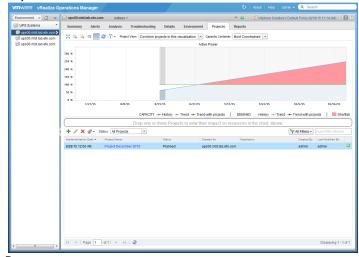
ii. All metrics



- d. Details with configuration Views and Heatmaps
- e. Environment with the Map



f. Project

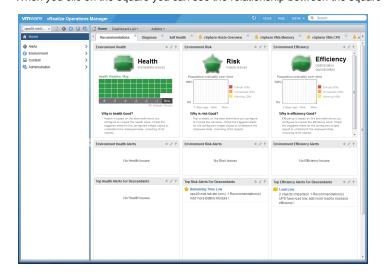


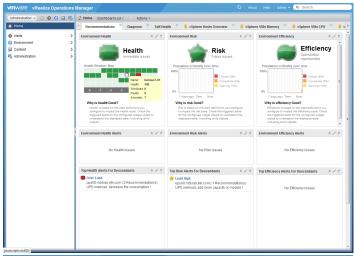
g. Reports

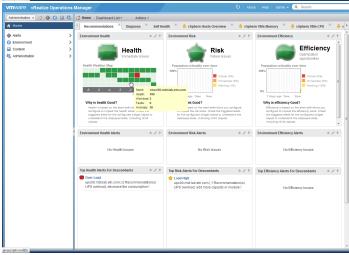
All this area is for analysis and troubleshooting.

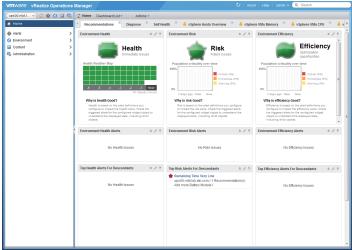
Dashboard

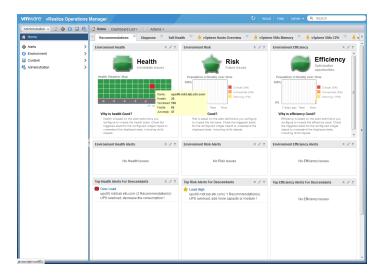
Home Page with the "Recommendations" dashboard with the UPS alarms and with the UPS in the grid of the Health Weather Map. When you clic on the square you can see the relationship between the square highlighted.











Eaton Dashboards

You can clic 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 clic on the IPMAdapter logs.

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