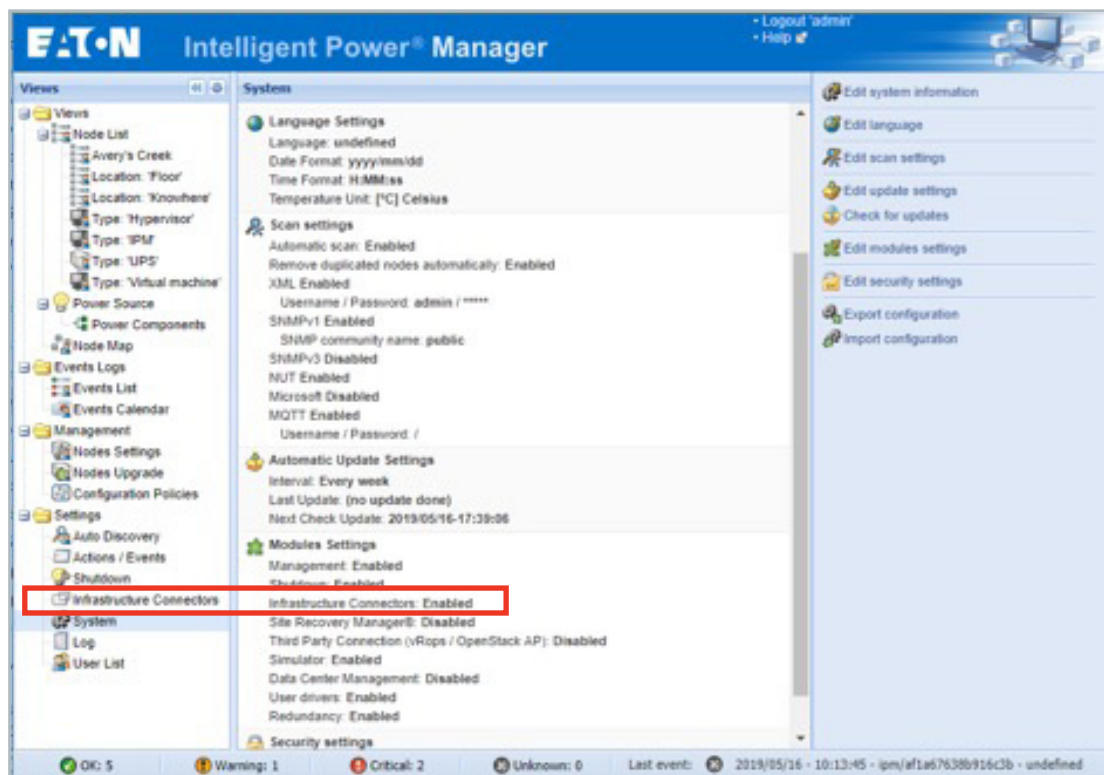


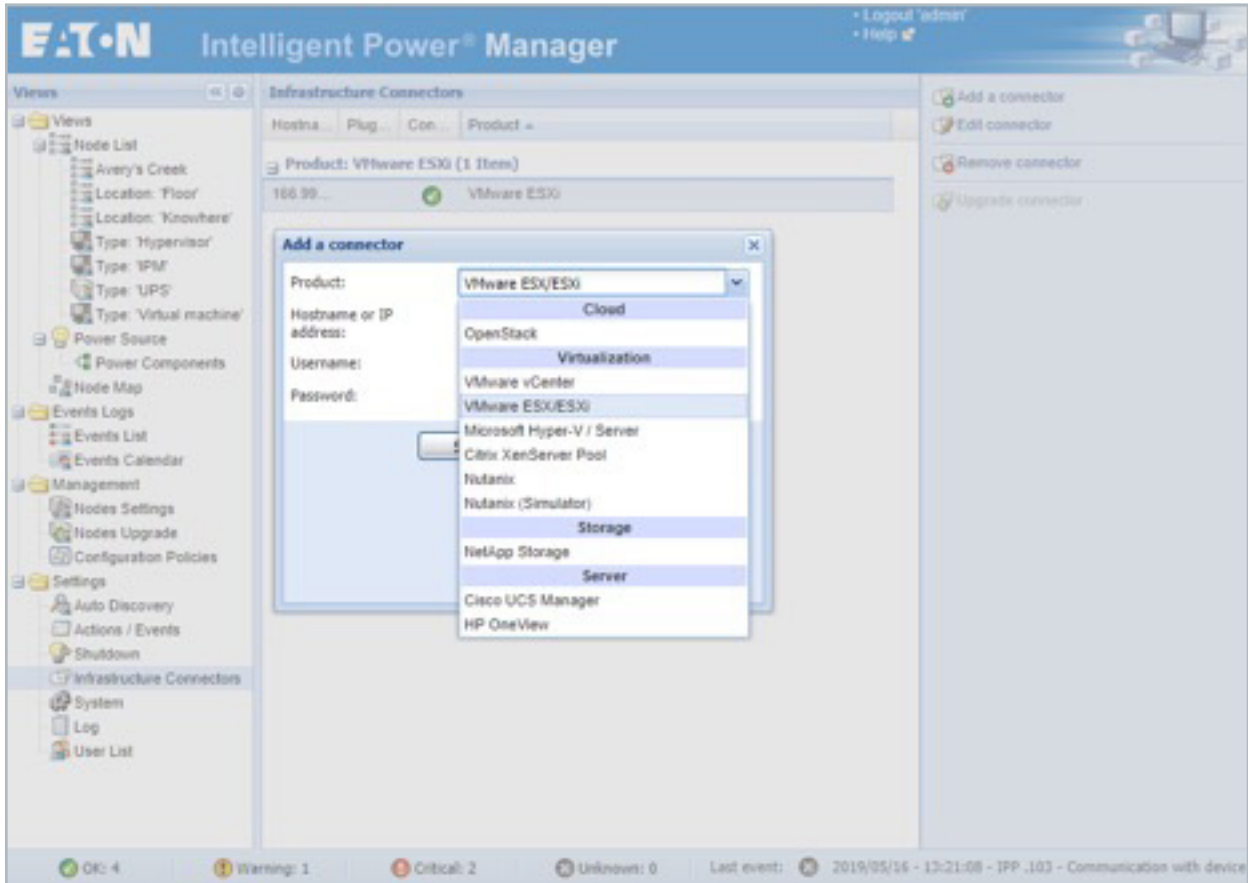


Using Eaton IPM to gracefully shutdown ESXi hosts with versions 6.7 and later

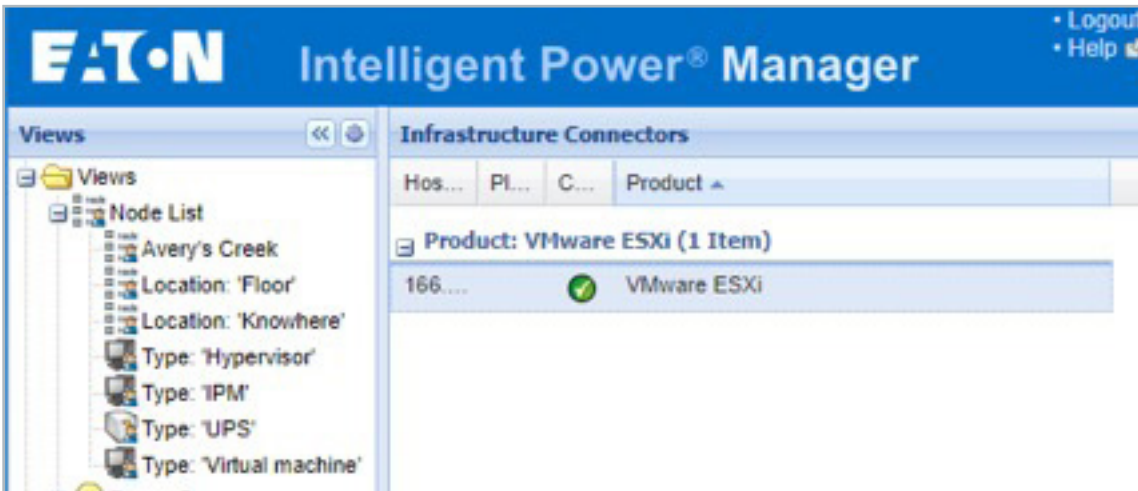
- 1 **OPEN IPM** and check under system that **'Infrastructure Connectors'** is enabled, if not enable it by using **'Edit module settings'** on the right panel. Your screen will look something like this . . .



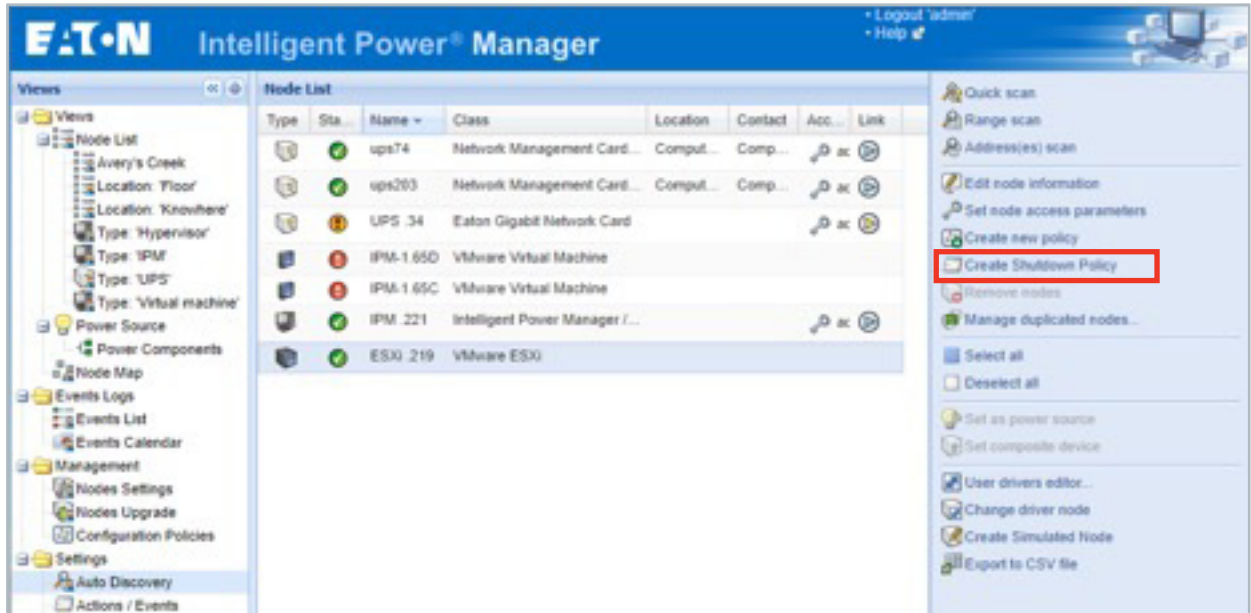
- 2 NEXT SELECT 'INFRASTRUCTURE CONNECTORS' ON THE LEFT PANEL. Then select 'Add a connector' on the top right panel. Select 'VMware ESX/ESXi' from the pop up / drop down. Then click save.



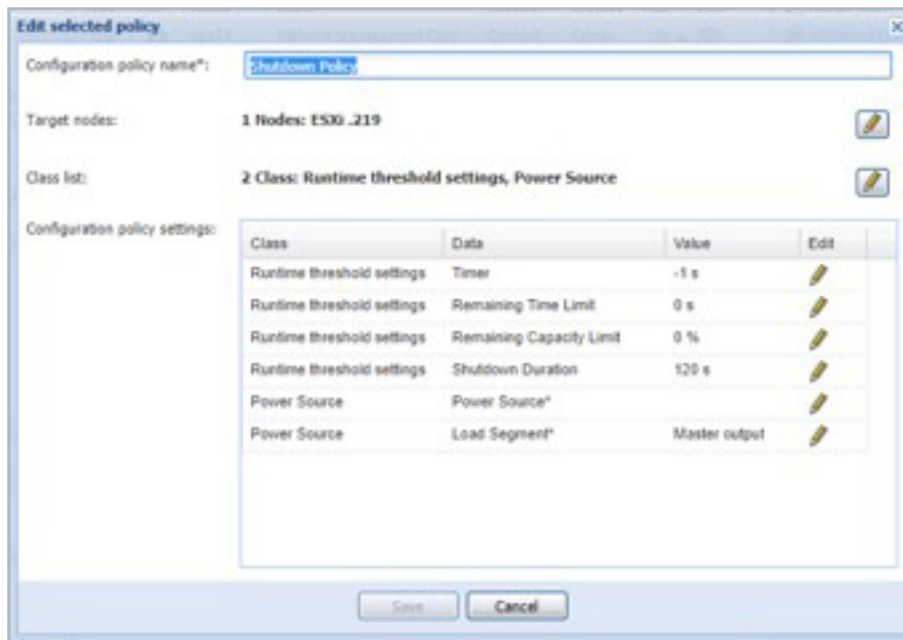
- 3 AFTER IT AUTHENTICATES, the ESXi host will be discovered.



- 4 SELECT 'AUTO DISCOVERY' FROM THE LEFT SIDE PANEL, then select the ESXi host you wish to have a graceful shutdown as shown below.



- 5 SELECT 'CREATE SHUTDOWN POLICY' FROM THE RIGHT SIDE PANEL. This will then open a pop up that allows you to set shutdown parameters.

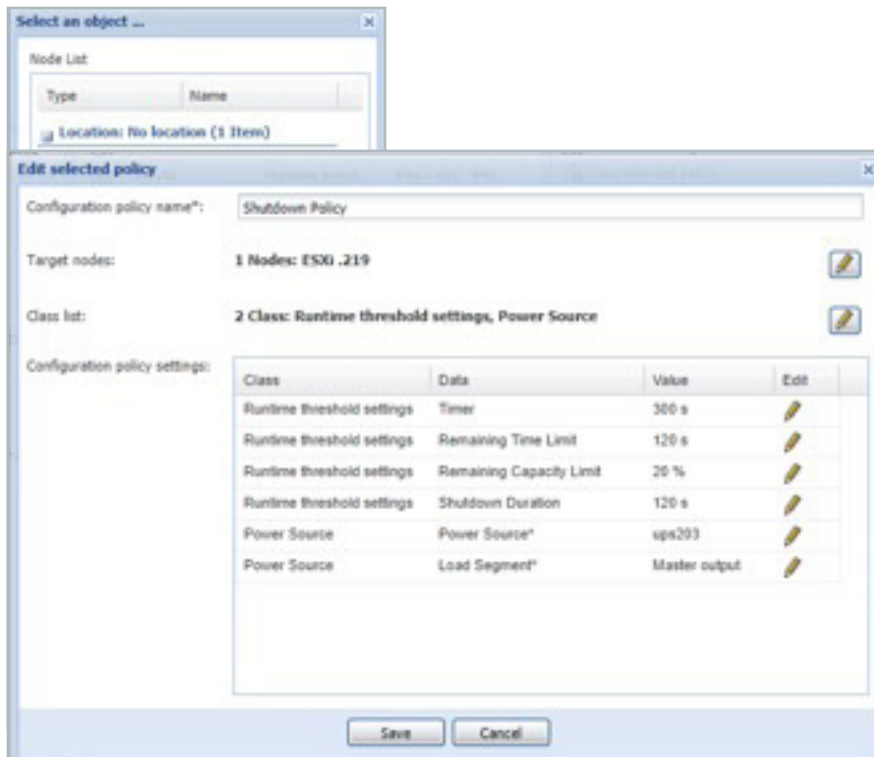


THIS POP UP IS ALSO SHOWN WHEN YOU WANT TO SELECT MULTIPLE DEVICES — in which case you would access through selecting 'Configuration Policies' on the left side panel. In this case, the name **Shutdown Policy** was set automatically by the software.

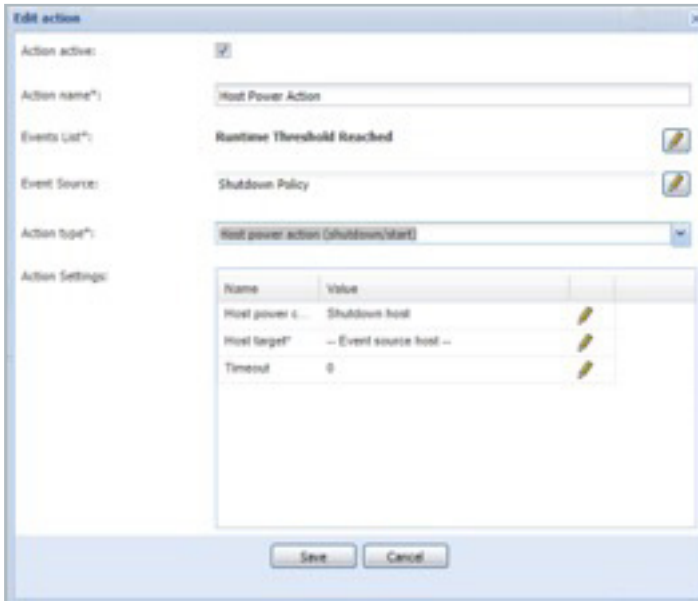
- 6 **YOU SEE THERE ARE FOUR OPTIONS ON RUNTIME THRESHOLD SETTINGS**, IPM will act on whichever happens first:

Name of setting	description
Timer	This will register the event upon the expiration of a timer. Edit the timer settings for how much time you would like to elapse before an action is taken
Remaining time limit	This will register the event upon how many seconds of battery remain. Edit the settings, here, for how much time you would like to elapse before an action is taken
Remaining capacity limit	This will register the event upon how much percent of battery capacity remains. Edit the settings, here, for how much battery capacity you would like to remain before an action is taken
Shutdown duration	This will be the last resort if no other value is reached. Edit the settings to depict the time duration required to do a graceful shutdown.

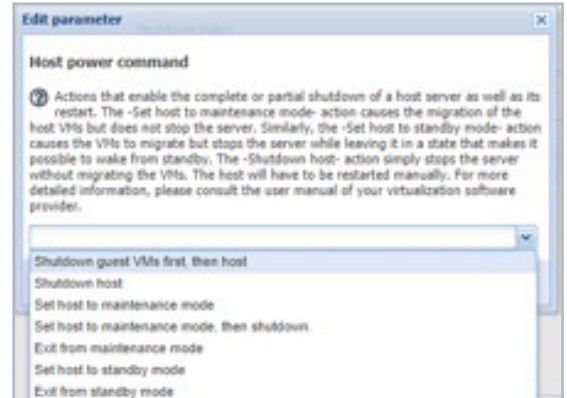
- 7 **THE POWER SOURCE** is the UPS that is providing power to the specific host that requires the shutdown action. The users will get a pop-up window when they **click on the pencil to edit the power source**. They then **select from the icons** of the discovered UPSs, then **click save**.



- 8 **ONCE THE USER HITS SAVE**, IPM asks if they wish to have a shutdown action to accompany the newly created policy. When they **click 'yes'** and edit action pop-up appears. In the newly created action, the event source is pre-populated with the name given in the configuration policy from above **'Shutdown policy'**. The event's List shows **'Runtime Threshold Reached'** which picks up the timings from the configuration policy. Under action type, you will select **'Host Power Action (shutdown/start)'**.



9 TO FURTHER YOUR OPTIONS on host power action, you can choose from the list that is provided when clicking on edit of shutdown host. The following pop-up appears.

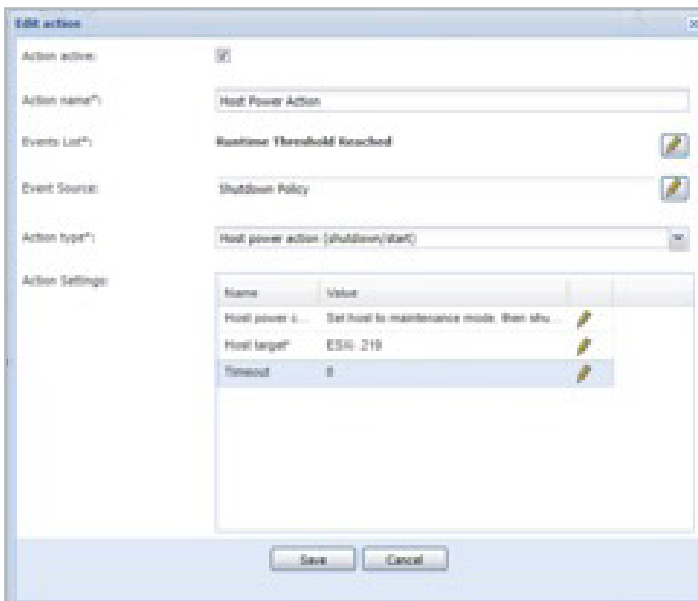


10 THE USER THEN SELECTS FROM THE OPTIONS FOR SHUTDOWN. The next selection required by the user is **shutdown target**. In this case, the user will select ESXi .219.

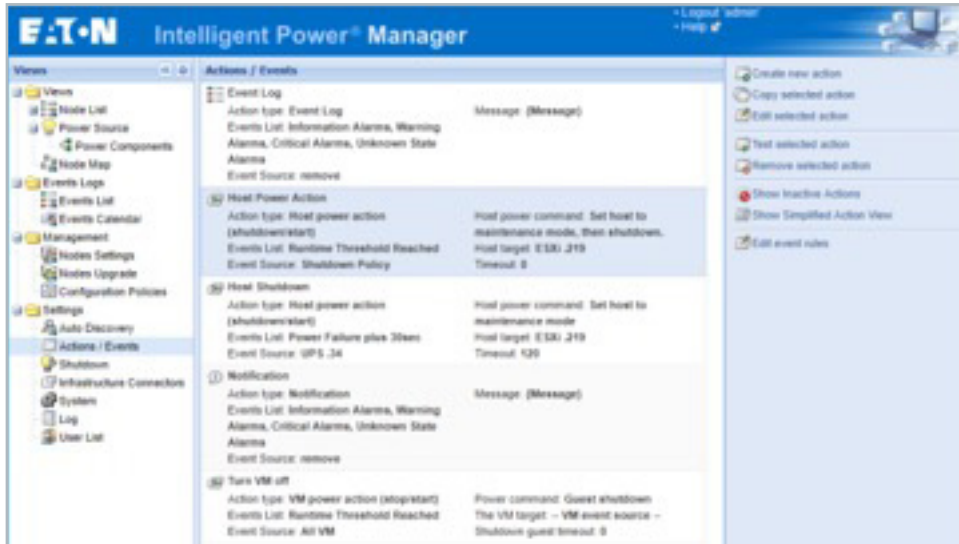
11 THE CHECK BOX AT THE TOP OF THE POP-UP is how the action is enabled or disabled.



12 THE 'TIMEOUT' SELECTION is there in case one of the VMs gets hung up and does not shutdown in the expected time. See the pop-up verbiage below.



- 13 **AFTER YOU CLICK SAVE**, it will show in the **Actions/events** section. The highlighted action is what is now shown when clicking **'Actions / Events'** from the left side of the screen.



If you need assistance, please call Eaton support at:
800.843.9433, option 2, option 5 or send an email to:
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