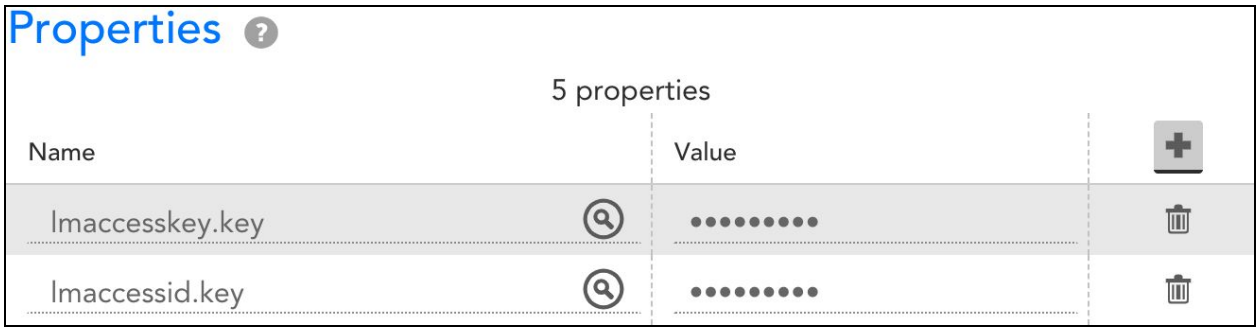
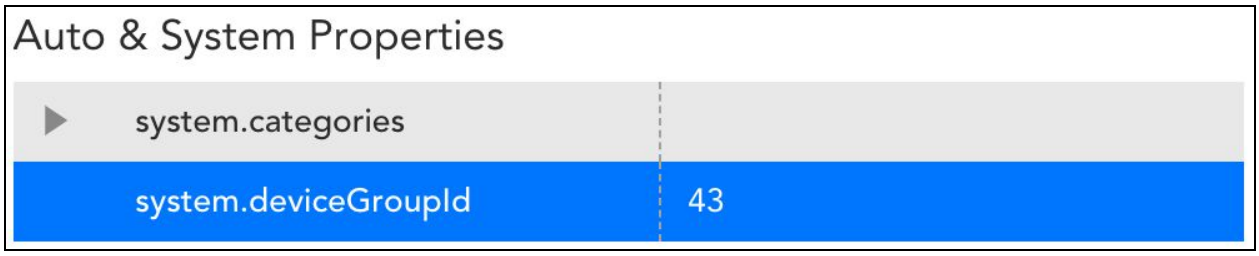
Overview:
This document outlines the steps necessary to set up and use the LogicMonitor integration with vCenter that auto-adds in your VMs as collector-monitored resources and your VM-Folders as LogicMonitor Device Groups. The integration is executed via DataSources, and these DataSources can be used independently of one-another.

Before setting up the vCenter DataSources, make sure that you have the *Device_BasicInfo* PropertySource in your portal. You can do this by going to *Settings* > *PropertySources* and searching for the PropertySource. If you do not see it in your portal, then click on *Add* > *From LogicMonitor Repository* and selecting the *Device_BasicInfo* to import.

Auto Add Virtual Machines:
Download the .xml of the *Add vCenter VMs* DataSource locally. Then Import the DataSource into your portal.
There are three required device-properties on the vCenter in your LogicMonitor portal to enable this DataSource: *lmaccessid.key, lmaccesskey.key* and *guests_destination_id*.
The lmaccessid.key and lmaccesskey.key properties are your LogicMonitor API tokens. Follow these instructions to create them. They need to be associated with a role that has Manage permissions to the Device Tree. Then apply them as device properties:



The guests_destination_id property is the ID of the LogicMonitor device group that all of the VMs will be added to. To retrieve this ID, click on the device-group of your choice (or create a new group) and find the system.deviceGroupId property:



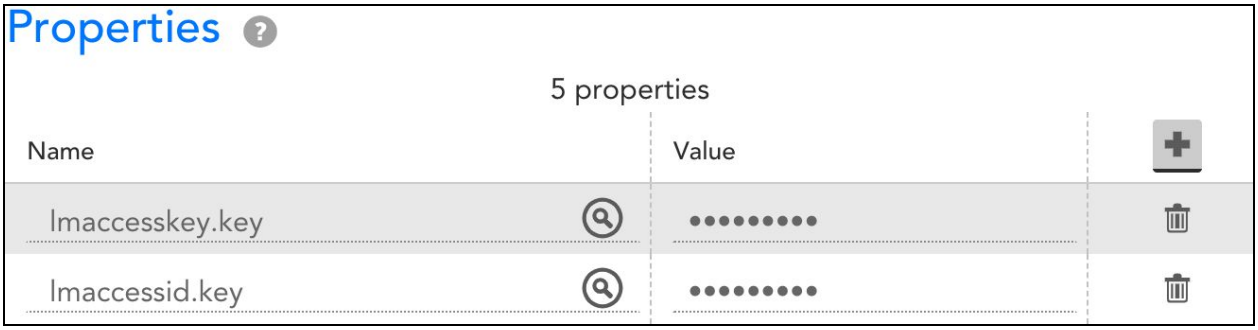
Optionally set the *guests_collector_group* property to use an Auto-Balanced-Collector-Group as the “assigned collector” for the VMs that are added into the portal. The value of this property is the ID of the designated Collector Group. This property can also be set as *guests_collector_id* to assign the VMs to a single collector that is not the collector assigned to monitoring the

vCenter (by default, this integration will assign the VMs to the collector that is monitoring the vCenter).

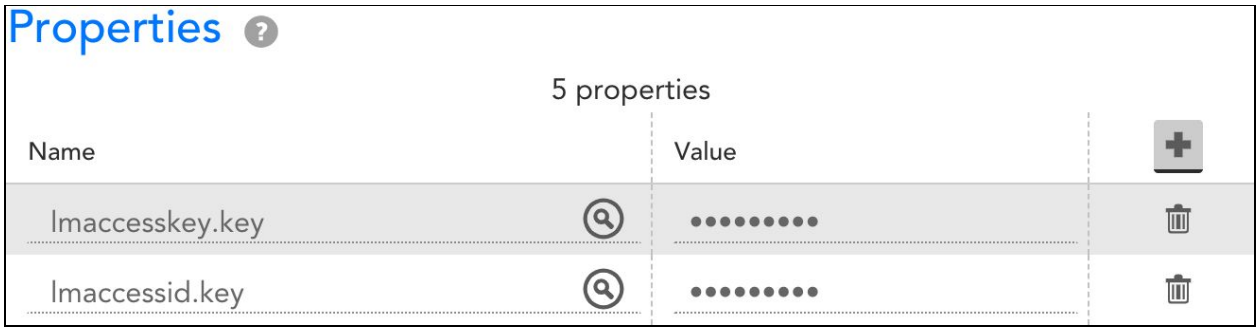
Optionally set the *vcenter_integration_tags_include* property to filter the VMs based off of vSphere tags. This property is a comma-separate list of key:value pairs. In the example below, 'Environment' is the Category and 'Prod' is the tag. Use the VMware categories and tags that match your environment.

Optionally set the *guests_exclude* to exclude VMs based off of the VM name. This is a pipe separated list of strings that will filter any VM that has any string as a substring of its name.

Auto Add VM-Folders:
Download the .xml of the *Add vCenter Groups* DataSource locally. Then Import the DataSource into your portal.
There are three required device-properties on the vCenter in your LogicMonitor portal to enable this DataSource: *lmaccessid.key, lmaccesskey.key* and *groups_destination_id*.
The lmaccessid.key and lmaccesskey.key properties are your LogicMonitor API tokens. Follow these instructions to create them. Then apply them as device properties:



The *groups_destination_id* property is the ID of the LogicMonitor device group that all of the VM-Folders will be added to. To retrieve this ID, click on the device-group of your choice (or create a new group) and find the system.deviceGroupId property:


Properties
5 properties
Name
Value
lmaccesskey.key
lmaccessid.key