

Arvados - Bug #8761

[Nodemanager] unexpected keyword argument ex_fetch_nic

03/19/2016 06:29 PM - Ward Vandewege

Status:	Resolved	Start date:	
Priority:	Normal	Due date:	
Assigned To:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	2016-03-30 sprint		
Description			
Node manager (0.1.20160317153001-1) appears to be permanently wedged on c97qk:			
2016-03-19_18:27:57.85566 2016-03-19 18:27:57 CloudNodeListMonitorActor.139630900081088[25639] DEBUG: sending request			
2016-03-19_18:27:57.85569 2016-03-19 18:27:57 CloudNodeListMonitorActor.139630900081088[25639] ERROR: got error: list_nodes() got an unexpected keyword argument 'ex_fetch_nic' - will try again in 300 seconds			
2016-03-19_18:27:57.85570 Traceback (most recent call last):			
2016-03-19_18:27:57.85571 File "/usr/local/lib/python2.7/dist-packages/arvnodeman/clientactor.py", line 96, in poll			
2016-03-19_18:27:57.85571 response = self._send_request()			
2016-03-19_18:27:57.85573 File "/usr/local/lib/python2.7/dist-packages/arvnodeman/nodelist.py", line 39, in _send_request			
2016-03-19_18:27:57.85574 n = self._client.list_nodes()			
2016-03-19_18:27:57.85575 File "/usr/local/lib/python2.7/dist-packages/arvnodeman/computenode/driver/azure.py", line 80, in list_nodes			
2016-03-19_18:27:57.85575 super(ComputeNodeDriver, self).list_nodes(ex_fetch_nic=False)			
2016-03-19_18:27:57.85576 TypeError: list_nodes() got an unexpected keyword argument 'ex_fetch_nic'			
2016-03-19_18:27:58.17465 2016-03-19 18:27:58 ArvadosNodeListMonitorActor.139627674665888[25639] INFO: got response with 258 items in 0.635140180588 seconds, next poll at 2016-03-19 18:28:57			
Restarting doesn't help.			

Associated revisions

Revision 3fbb8f2d - 03/19/2016 08:00 PM - Peter Amstutz

Enable BaseComputeNodeDriver.list_nodes to pass through keyword arguments.
closes #8761

History

#1 - 03/19/2016 06:29 PM - Ward Vandewege

- Description updated

#2 - 03/19/2016 06:43 PM - Ward Vandewege

- Description updated

#3 - 03/19/2016 07:39 PM - Brett Smith

The Azure libcloud driver accepts this keyword argument, but ComputeNodeBaseDriver does not. We need to create some channel for it to be passed through from the Node Manager's Azure driver all the way to the libcloud driver.

Fixing it that way is worthwhile, because this will let us cut in half the number of Azure API calls we make to get the cloud node list.

#4 - 03/19/2016 08:04 PM - Peter Amstutz

Brett Smith wrote:

The Azure libcloud driver accepts this keyword argument, but ComputeNodeBaseDriver does not. We need to create some channel for it to be passed through from the Node Manager's Azure driver all the way to the libcloud driver.

Now accepts kwargs on ComputeNodeBaseDriver.list_nodes and merges it with self.list_kwargs before calling the real.list_nodes(). Confirmed

correct with a new test in AzureComputeNodeDriverTestCase. Pushed to master on [3fbb8f2](#)

#5 - 03/19/2016 08:05 PM - Peter Amstutz

- Status changed from New to Resolved

- % Done changed from 0 to 100

Applied in changeset arvados|commit:3fbb8f2d87742f5075c1829c64cf223725cb4fd2.

#6 - 03/20/2016 01:04 AM - Ward Vandewege

Thank you Peter (and Brett)! The fix works, indeed - c97qk is happy again.

#7 - 03/20/2016 01:04 AM - Ward Vandewege

- Target version set to 2016-03-30 sprint

#8 - 03/20/2016 02:35 PM - Brett Smith

- Status changed from Resolved to New

- Target version deleted (2016-03-30 sprint)

- % Done changed from 100 to 0

Peter Amstutz wrote:

Brett Smith wrote:

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Now accepts kwargs on ComputeNodeBaseDriver.list_nodes and merges it with self.list_kwargs before calling the real.list_nodes(). Confirmed correct with a new test in AzureComputeNodeDriverTestCase. Pushed to master on [3fbb8f2](#)

I forgot about list_kwargs. Wouldn't it be easier to just add the argument there? Less code, and other drivers are already doing similar things where they set default arguments in __init__.

#9 - 03/21/2016 02:50 PM - Peter Amstutz

Brett Smith wrote:

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Brett Smith wrote:

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I forgot about list_kwargs. Wouldn't it be easier to just add the argument there? Less code, and other drivers are already doing similar things where they set default arguments in __init__.

I have no objection if you want to revert [3fbb8f2](#), remove ex_fetch_nic from azure.py and handle ex_fetch_nic=false in configuration.

#10 - 03/28/2016 08:27 PM - Brett Smith

- Status changed from New to Resolved

- Target version set to 2016-03-30 sprint