Arvados - Feature #16623
Can reference compute subnet in different resource group on Azure
07/22/2020 06:24 PM - Peter Amstutz

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>Start date:</th>
<th>07/22/2020</th>
</tr>
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<tbody>
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<td>Priority:</td>
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<td>Due date:</td>
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<tr>
<td>Assigned To:</td>
<td>Peter Amstutz</td>
<td>% Done:</td>
<td>100%</td>
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<tr>
<td>Category:</td>
<td>Crunch</td>
<td>Estimated time:</td>
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<tr>
<td>Target version:</td>
<td>2020-08-26 Sprint</td>
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Description
Currently the Network and Subnet for the NIC need to be in the same resource group as the NIC and VM will be created. Add a separate NetworkResourceGroup configuration option to allow referencing other Networks/Subnets when creating the virtual NIC.

Subtasks:
Task # 16624: Review 16623-azure-subnet Resolved

Associated revisions
Revision 8713dc0a - 07/22/2020 08:31 PM - Peter Amstutz
16623: Add NetworkResourceGroup option for Azure
refs #16623
Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <peter.amstutz@curii.com>

Revision 4d3ddc87 - 07/22/2020 08:31 PM - Peter Amstutz
16623: Add NetworkResourceGroup to install-dispatch-cloud
refs #16623
Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <peter.amstutz@curii.com>

Revision 00964013 - 08/13/2020 09:07 PM - Peter Amstutz
16623: Add NetworkResourceGroup option for Azure
refs #16623
Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <peter.amstutz@curii.com>

History
#1 - 07/22/2020 06:43 PM - Peter Amstutz
- Description updated

#2 - 07/22/2020 06:59 PM - Peter Amstutz
- Subject changed from Can reference compute subnet in different resource group to Can reference compute subnet in different resource group on Azure

#3 - 07/22/2020 07:00 PM - Peter Amstutz
- Assigned To set to Peter Amstutz

#4 - 07/22/2020 07:18 PM - Peter Amstutz
16623-azure-subnet @ 7cd9bca031fd0c319761fda7f153283c35b7621

#5 - 07/22/2020 07:36 PM - Lucas Di Pentima
Reviewing 7cd9bca
- The update seems super trivial and looks good, but it would be nice to test the new fallback ResourceGroup selection mechanism, is that possible?
I also browsed the docs and haven't found a lot of info about setting up azure compute nodes, only what's on https://doc.arvados.org/v2.0/install/install-dispatch-cloud.html. Would it be useful to mention this new config knob there?

#6 - 08/04/2020 01:44 PM - Peter Amstutz
- Status changed from New to Resolved

#7 - 08/04/2020 09:02 PM - Ward Vandewege
- Release set to 25

#8 - 08/16/2020 02:21 AM - Ward Vandewege
- Target version changed from 2020-08-12 Sprint to 2020-08-26 Sprint
- Status changed from Resolved to In Progress

This patch was buggy. It did not remove NICs from the right resource group after the compute nodes are shut down.

A fix is ready for review in de4ad659335a24629934256fec6266842a47c2eb on branch 16623-a-d-c-compute-subnet-resource-group-azure-bugfix.

CI tests are at https://ci.arvados.org/view/Developer/job/developer-run-tests/2008/

#9 - 08/17/2020 01:50 PM - Peter Amstutz

Ward Vandewege wrote:

This patch was buggy. It did not remove NICs from the right resource group after the compute nodes are shut down.

A fix is ready for review in de4ad659335a24629934256fec6266842a47c2eb on branch 16623-a-d-c-compute-subnet-resource-group-azure-bugfix.

CI tests are at https://ci.arvados.org/view/Developer/job/developer-run-tests/2008/

The goal of the original fix was only to reference a virtual network in a different resource group, it doesn't need to create the virtual NICs there.

#10 - 08/17/2020 01:53 PM - Peter Amstutz

The NICs should still be created in the same resource group as the VMs, then the cleanup would still work.

#11 - 08/17/2020 03:04 PM - Ward Vandewege
- Status changed from In Progress to Resolved

Peter Amstutz wrote:

The NICs should still be created in the same resource group as the VMs, then the cleanup would still work.

Yes, you are right, I just tested it. Patch unnecessary and withdrawn, sorry about the noise.

#12 - 10/07/2020 06:09 PM - Peter Amstutz
- Release changed from 25 to 34