

Arvados - Feature #13611

Nodemanager reads instance sizes from the system config file to avoid duplication

06/12/2018 04:17 PM - Lucas Di Pentima

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assigned To:		% Done:	0%
Category:	Node Manager	Estimated time:	0.00 hour
Target version:	Arvados Future Sprints		

Description

Both crunch-dispatch-slurm and nodemanager need to a list of configured node sizes. Currently, this information is duplicated in both the nodemanager config file as the master arvados config.yml. To eliminate duplication nodemanager should read the node size configurations, and possibly the rest of its configuration, from the master arvados config.yml.

Related issues:

Related to Arvados - Story #13569: Add units tera / giga / mega / kilo for co...	Resolved	06/29/2018
Related to Arvados - Story #13648: [Epic] Use one cluster configuration file ...	Resolved	
Blocked by Arvados - Bug #13674: [crunch-dispatch-slurm] Use hash instead of ...	Resolved	
Blocked by Arvados - Story #13731: Design new nodemanager config data organiz...	Closed	08/13/2018

History

#1 - 06/12/2018 06:17 PM - Peter Amstutz

- Description updated

#2 - 06/13/2018 03:43 PM - Lucas Di Pentima

- As described on https://dev.arvados.org/projects/arvados/wiki/Cluster_configuration, ProviderType attribute would be the same as the newly implemented instance_type on nodemanager. I think neither GoSDK nor dispatchcloud need to know about it, at least for now as the only user would be nodemanager.
- Reading nodemanager's cloud sizes from config.yml seems to be pretty straightforward.
- Should we add a section about nodemanager's specific configs on this story or leave that for another?
 - Cloud settings & credentials.
 - Daemon values (max nodes, poll time, dispatcher, etc).
 - Logging levels.
- If going the hybrid path of having nodemanager's config temporarily spread in 2 configuration files, should we ignore arvados-node-manager.ini's cloud sizes?
- Update nodemanager docs, possibly adding a migration guide.

#3 - 06/13/2018 04:16 PM - Lucas Di Pentima

- Related to Story #13569: Add units tera / giga / mega / kilo for configurations added

#4 - 06/13/2018 04:28 PM - Tom Morris

- Story points set to 2.0

#5 - 06/20/2018 03:35 PM - Tom Clegg

- Related to Story #13648: [Epic] Use one cluster configuration file for all components added

#6 - 06/22/2018 06:27 PM - Tom Clegg

- Related to Bug #13674: [crunch-dispatch-slurm] Use hash instead of array for InstanceTypes config added

#7 - 06/26/2018 08:12 PM - Tom Clegg

- Related to deleted (Bug #13674: [crunch-dispatch-slurm] Use hash instead of array for InstanceTypes config)

#8 - 06/26/2018 08:12 PM - Tom Clegg

- Blocked by Bug #13674: [crunch-dispatch-slurm] Use hash instead of array for InstanceTypes config added

#9 - 07/03/2018 03:46 PM - Tom Morris

- Target version changed from To Be Groomed to Arvados Future Sprints

#10 - 07/03/2018 04:04 PM - Tom Clegg

- Blocked by Story #13731: Design new nodemanager config data organization for cluster-wide config added

#11 - 12/18/2019 08:34 PM - Peter Amstutz

- Status changed from New to Closed