

Arvados - Bug #13570

[Documentation] add how much extra overhead is added for RAM requirement when spinning up a compute node

06/05/2018 07:33 PM - Bryan Cosca

Status:	Resolved	Start date:	07/24/2018
Priority:	Normal	Due date:	
Assigned To:	Peter Amstutz	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2018-08-01 Sprint		
Description			
for example, if a user says ramMin 10000, what exactly does a-n-m spin a node up for? docs might go in here: https://doc.arvados.org/user/cwl/cwl-style.html			
Subtasks:			
Task # 13589: Review 13570-crunch-ram-doc			Resolved

Associated revisions

Revision cdc146d4 - 07/25/2018 07:10 PM - Peter Amstutz

Merge branch '13570-crunch-ram-doc' closes #13570

Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <pamstutz@veritasgenetics.com>

History

#2 - 06/05/2018 07:40 PM - Bryan Cosca

What happens is c-d-slurm expects nodes to have 95% of the advertised memory size actually usable.

So the number that is specified in ramMin is multiplied by 100/95, which is the actual RAM requirement used to call a compute node.

#3 - 06/06/2018 03:11 PM - Tom Morris

- Target version set to 2018-06-20 Sprint

#4 - 06/06/2018 03:17 PM - Tom Morris

- Subject changed from [Documentation] add how much extra overhead is added when spinning up a compute node to [Documentation] add how much extra overhead is added for RAM requirement when spinning up a compute node

- Assigned To set to Tom Morris

#5 - 06/20/2018 03:25 PM - Tom Morris

- Target version changed from 2018-06-20 Sprint to 2018-07-03 Sprint

#6 - 07/03/2018 03:11 PM - Tom Morris

- Target version changed from 2018-07-03 Sprint to 2018-07-18 Sprint

#7 - 07/18/2018 03:06 PM - Tom Morris

- Target version changed from 2018-07-18 Sprint to 2018-08-01 Sprint

#8 - 07/18/2018 03:58 PM - Peter Amstutz

- Assigned To changed from Tom Morris to Peter Amstutz

#9 - 07/24/2018 06:08 PM - Peter Amstutz

- Status changed from New to In Progress

#10 - 07/24/2018 08:20 PM - Peter Amstutz

13570-crunch-ram-doc @ c775680aefe1b6813b50f0a97dc073caeb4befbc

#11 - 07/24/2018 08:55 PM - Tom Morris

doc/api/execution

- Always capitalize Keep (I'm unsure about "container." Is the convention to capitalize it or not?)
- Isn't cgroups used in the cloud as well? May not be intended, but sentence ordering kind of makes it sound like cgroups is HPC only

doc/user/cwl/cwl-style

- "Available compute nodes" => "Available instance types" or "Available compute node types"

#12 - 07/25/2018 07:19 PM - Peter Amstutz

- *Status changed from In Progress to Resolved*

Applied in changeset [arvados/cdc146d447ae1ba42275d4ce7f34bd0b04158306](#).

#13 - 11/13/2018 09:02 PM - Tom Morris

- *Release set to 13*