

## Arvados - Bug #12465

### [crunchv2] Improve crunch-run environment reporting

10/19/2017 01:50 PM - Peter Amstutz

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
Crunch-run should log its environment earlier in the startup process (before loading the Docker image or creating arv-mount)			
It should also log some additional information:			
<ul style="list-style-type: none"><li>• crunch-run version</li><li>• Docker version</li><li>• arv-mount version</li><li>• cloud instance id (/var/tmp/arv-node-data/meta-data/instance-id)</li><li>• cloud instance type (/var/tmp/arv-node-data/meta-data/instance-type)</li></ul>			
<b>Related issues:</b>			
Related to Arvados - Bug #12933: [crunch2] add equivalent of cloud_node line		<b>Resolved</b>	<b>01/11/2018</b>

#### History

##### #1 - 10/19/2017 01:53 PM - Peter Amstutz

- Description updated

##### #2 - 10/19/2017 02:36 PM - Peter Amstutz

- Description updated

##### #3 - 10/26/2017 09:18 PM - Tom Morris

- Target version set to To Be Groomed

Crunch v1 logs the following information:

```
runtime_constraints {"min_ram_mb_per_node":10000,"max_tasks_per_node":0,"min_cores_per_node":2,"docker_image":
:"foo/bar", "min_scratch_mb_per_node":51024}
compute146 clustr-7ekkf-fe12d0nlvw3xa4b
{"total_scratch_mb":102345,"total_ram_mb":14011,"total_cpu_cores":2,"cloud_node":{"price":0.149,"size":"Stand
ard_D11_v2"}}
```

We should make sure that the Crunch v2 information is a superset of that (and Ideally in a compatible format)

##### #4 - 10/26/2017 10:00 PM - Tom Morris

While we're at it, we should fix the formatting of the existing logging. For example, the missing spaces after the "node-info" prefixes here:

```
2017-10-26T15:11:40.858866900Z Docker response: {"stream":"Loaded image ID: sha256:bf3a9bd0230a9f581d5a5c8f781
6a529e9b84da644766b79bd926b7594fd52e4\n"}
2017-10-26T15:12:07.853864200Z Creating Docker container
node-infoHost Information
node-info Linux compute26.su921.arvadosapi.com 4.10.0-37-generic #41~16.04.1-Ubuntu SMP Fri Oct 6 22:42:59 UT
C 2017 x86_64 x86_64 x86_64 GNU/Linux
node-info
node-infoCPU Information
```

##### #5 - 11/29/2017 07:21 PM - Tom Morris

- Target version changed from To Be Groomed to 2017-12-20 Sprint

##### #6 - 12/06/2017 08:18 PM - Peter Amstutz

- Assigned To set to Peter Amstutz

**#7 - 12/06/2017 08:35 PM - Peter Amstutz**

- *Assigned To deleted (Peter Amstutz)*
- *Target version changed from 2017-12-20 Sprint to Arvados Future Sprints*

**#8 - 01/10/2018 03:31 PM - Peter Amstutz**

- *Related to Bug #12933: [crunch2] add equivalent of cloud\_node line added*

**#9 - 07/06/2021 09:16 PM - Peter Amstutz**

- *Target version deleted (Arvados Future Sprints)*