

## Katello - Bug #31448

### Katello Pulp 3 Applicability errors out when deleted hosts are plucked from the queue

12/04/2020 02:07 AM - Chris Roberts

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Ian Ballou	
<b>Category:</b>	Errata Management	
<b>Target version:</b>	Katello Recycle Bin	
<b>Difficulty:</b>		<b>Fixed in Releases:</b> Katello 4.0.0
<b>Triaged:</b>	Yes	<b>Found in Releases:</b>
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>	<a href="https://github.com/Katello/katello/pull/904">https://github.com/Katello/katello/pull/904</a> 1	

#### Description

<https://community.theforeman.org/t/errata-not-calculated-generateapplicability-fails-trying-to-calculate-deleted-hosts-katello-3-17/21273/3>

Example log of the error:

Action:

```
Actions::Katello::Applicability::Hosts::BulkGenerate
```

Input:

```
{"host_ids"=>
```

```
[1,  
 2,  
 3,  
 4,  
 5,  
 96,  
 267,  
 756,  
 872,  
 971,  
 995,  
 1003,  
 1004,  
 1005,  
 1006,  
 1007,  
 1009,  
 1011,  
 1012,  
 1013,  
 1014,  
 1015,  
 1016,  
 1017,  
 1018,  
 1019,  
 1020,  
 1021,  
 1022,  
 1023,  
 1024,  
 1025,  
 1026,  
 1027,  
 1028,  
 1029,
```

```

1030,
1031,
1032,
1033,
1034,
1035,
1036,
1037,
1038,
1039,
1040,
1041,
1042,
1043],
"current_request_id"=>nil,
"current_timezone"=>"UTC",
"current_user_id"=>1,
"current_organization_id"=>nil,
"current_location_id"=>nil}
Output:
{}
Exception:
NoMethodError: undefined method `calculate_and_import_applicability' for nil:NilClass
Backtrace:
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.17.0/app/lib/actions/katello/applicability/
hosts/bulk_generate.rb:13:in `block in run'
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.17.0/app/lib/actions/katello/applicability/
hosts/bulk_generate.rb:11:in `each'
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.17.0/app/lib/actions/katello/applicability/
hosts/bulk_generate.rb:11:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action.rb:571:in `block (3
levels) in execute_run'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:27:in `
pass'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware.rb:19:in `pass'
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/rails_
executor_wrap.rb:14:in `block in run'
/opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.1/lib/active_support/execution_wr
apper.rb:88:in `wrap'
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/rails_
executor_wrap.rb:13:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:23:in `
call'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:27:in `
pass'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware.rb:19:in `pass'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action/progress.rb:31:in `w
ith_progress_calculation'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action/progress.rb:17:in `r
un'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:23:in `
call'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:27:in `
pass'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware.rb:19:in `pass'
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c
urrent_request_id.rb:15:in `block in run'
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c
urrent_request_id.rb:49:in `restore_current_request_id'
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c
urrent_request_id.rb:15:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:23:in `
call'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:27:in `
pass'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware.rb:19:in `pass'
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c

```

```
urrent_timezone.rb:15:in `block in run'  
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c  
urrent_timezone.rb:44:in `restore_curent_timezone'  
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c  
urrent_timezone.rb:15:in `run'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:23:in `  
call'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:27:in `  
pass'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware.rb:19:in `pass'  
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c  
urrent_user.rb:15:in `block in run'  
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c  
urrent_user.rb:44:in `restore_curent_user'  
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c  
urrent_user.rb:15:in `run'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:23:in `  
call'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:27:in `  
pass'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware.rb:19:in `pass'  
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c  
urrent_taxonomies.rb:15:in `block in run'  
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c  
urrent_taxonomies.rb:45:in `restore_current_taxonomies'  
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-3.0.1/app/lib/actions/middleware/keep_c  
urrent_taxonomies.rb:15:in `run'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:23:in `  
call'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:27:in `  
pass'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware.rb:19:in `pass'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware.rb:32:in `run'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/stack.rb:23:in `  
call'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/middleware/world.rb:31:in `  
execute'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action.rb:570:in `block (2  
levels) in execute_run'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action.rb:569:in `catch'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action.rb:569:in `block in  
execute_run'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action.rb:472:in `block in  
with_error_handling'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action.rb:472:in `catch'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action.rb:472:in `with_erro  
r_handling'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action.rb:564:in `execute_r  
un'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/action.rb:285:in `execute'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/execution_plan/steps/abstra  
ct_flow_step.rb:18:in `block (2 levels) in execute'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/execution_plan/steps/abstra  
ct.rb:167:in `with_meta_calculation'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/execution_plan/steps/abstra  
ct_flow_step.rb:17:in `block in execute'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/execution_plan/steps/abstra  
ct_flow_step.rb:32:in `open_action'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/execution_plan/steps/abstra  
ct_flow_step.rb:16:in `execute'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/director.rb:68:in `execute'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/executors/sidekiq/worker_jo  
bs.rb:11:in `block (2 levels) in perform'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/executors.rb:18:in `run_use  
r_code'  
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/executors/sidekiq/worker_jo  
bs.rb:9:in `block in perform'
```

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/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/executors/sidekiq/worker_jo
bs.rb:25:in `with_telemetry'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/executors/sidekiq/worker_jo
bs.rb:8:in `perform'
/opt/theforeman/tfm/root/usr/share/gems/gems/dynflow-1.4.7/lib/dynflow/executors/sidekiq/serializa
tion.rb:27:in `perform'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:192:in `execut
e_job'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:165:in `block
(2 levels) in process'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/middleware/chain.rb:128:in
`block in invoke'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/middleware/chain.rb:133:in
`invoke'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:164:in `block
in process'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:137:in `block
(6 levels) in dispatch'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/job_retry.rb:109:in `local'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:136:in `block
(5 levels) in dispatch'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq.rb:37:in `block in <module:
Sidekiq>'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:132:in `block
(4 levels) in dispatch'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:250:in `stats'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:127:in `block
(3 levels) in dispatch'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/job_logger.rb:8:in `call'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:126:in `block
(2 levels) in dispatch'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/job_retry.rb:74:in `global'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:125:in `block
in dispatch'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/logging.rb:48:in `with_cont
ext'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/logging.rb:42:in `with_job_
hash_context'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:124:in `dispat
ch'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:163:in `proces
s'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:83:in `proces
s_one'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/processor.rb:71:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/util.rb:16:in `watchdog'
/opt/theforeman/tfm/root/usr/share/gems/gems/sidekiq-5.2.7/lib/sidekiq/util.rb:25:in `block in saf
e_thread'
/opt/theforeman/tfm/root/usr/share/gems/gems/logging-2.2.2/lib/logging/diagnostic_context.rb:474:i
n `block in create_with_logging_context'
```

#### Related issues:

Copied from Katello - Bug #31321: Katello Pulp 3 Applicability errors out whe...

Closed

#### History

##### #1 - 12/04/2020 02:07 AM - Chris Roberts

- Copied from Bug #31321: Katello Pulp 3 Applicability errors out when deleted hosts are plucked from the queue added

##### #2 - 12/08/2020 09:24 PM - Chris Roberts

- Target version changed from Katello 3.17.1 to Katello Recycle Bin