

Foreman - Bug #15814

Updating a puppet class fails with "Validation failed: Merge overrides can only be set for array or hash, Avoid duplicates can only be set for arrays that have merge_overrides set to true"

07/24/2016 12:10 PM - Brad Buckingham

Status: Closed	
Priority: Normal	
Assignee: David Davis	
Category: Parameters	
Target version: 1.13.0	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link: 1332596	Red Hat JIRA:
Pull request: https://github.com/theforeman/foreman/pull/3737 , https://github.com/theforeman/foreman/pull/3800	
Description	
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1332596	
Description of problem:	
Publishing or Promoting a Puppet Content View fails with "Validation failed: Merge overrides can only be set for array or hash, Avoid duplicates can only be set for arrays that have merge_overrides set to true"	
Version-Release number of selected component (if applicable):	
Satellite Server v.6.1.8	
How reproducible:	
Steps to Reproduce:	
<ul style="list-style-type: none">- Add any Puppet Module ex motd in Satellite- Create a content view with this Puppet module- Publish a new version of this content view- Go to Configure - Puppet Classes, click on motd- Click on Smart Class Parameters - content- Click on Override, change the Parameter type to array, change the Default value to [], click on Merge overrides and Avoid duplicates, click the Submit button (note that this doesn't make sense for this particular module and parameter, but it may for other Puppet modules, and I was looking for an easy reproducer)- Publish a new version of the content view created before- Go back to Configure - Puppet Classes, click on motd- Click on Smart Class Parameters - content- Click on Override to clear it and click the Submit button- Publish a new version of the content view created before	
Actual results:	

Fails with "Validation failed: Merge overrides can only be set for array or hash, Avoid duplicates can only be set for arrays that have merge_overrides set to true"

Expected results:

Content View should be Promoted or Published Successfully

Additional info:

Root cause :

When we cleared the override flag and saves a smart parameter, the merge_overrides and avoid_duplicates flags have to be cleared automatically however it is not and hence `override: false`, but `merge_overrides: true` in db and hence next content-view publish failed.

Workaround :

Can be fixed this by activating "ovreride" in the UI, clearing both merge_overrides and avoid_duplicates, saving the smart parameter, editing it again, clearing "override" and saving it again.

But Need to determine the puppet classes (Configure --> puppet class --> smart class parameter) where this changes in past (enabled the override flag and change the type equals to array/hash and enabled merge_overrides and later unchecked the override flag).

Related issues:

Blocks Katello - Tracker #15825: Sprint 1 : Content-Focused

New

07/24/2016

Associated revisions

Revision e21a3a47 - 08/24/2016 03:57 AM - David Davis

Fixes #15814 - Reset override params when override is off

Revision d7f8cc79 - 09/01/2016 06:21 AM - Ori Rabin

Refs #15814 - Reset override params only for PuppetclassLookupKey

History

#1 - 07/24/2016 12:35 PM - Brad Buckingham

- Is duplicate of Tracker #15825: Sprint 1 : Content-Focused added

#2 - 07/27/2016 01:59 PM - Justin Sherrill

- Subject changed from Publishing or Promoting a Puppet Content View fails with "Validation failed: Merge overrides can only be set for array or hash, Avoid duplicates can only be set for arrays that have merge_overrides set to true" to Publishing or Promoting a Puppet Content View fails with "Validation failed: Merge overrides can only be set for array or hash, Avoid duplicates can only be set for arrays that have merge_overrides set to true"

- translation missing: en.field_release set to 162

#3 - 08/12/2016 09:27 AM - David Davis

- Is duplicate of deleted (Tracker #15825: Sprint 1 : Content-Focused)

#4 - 08/12/2016 09:28 AM - David Davis

- Blocks Tracker #15825: Sprint 1 : Content-Focused added

#5 - 08/16/2016 02:03 PM - David Davis

- Project changed from Katello to Foreman

- Subject changed from Publishing or Promoting a Puppet Content View fails with "Validation failed: Merge overrides can only be set for array or hash, Avoid duplicates can only be set for arrays that have merge_overrides set to true" to Updating a puppet class fails with "Validation failed: Merge overrides can only be set for array or hash, Avoid duplicates can only be set for arrays that have merge_overrides set to true"

- Category deleted (Web UI)

I'm not really sure what the solution is but I was able to reproduce this behavior in just Foreman with the following steps:

1. Create a puppet environment with the motd puppet module.
2. Go the Puppet Class edit screen for motd. Then go into a smart class param like content and override it.

3. Change the type to array, set the default to [], and select the merge_overrides checkbox. Then submit.
4. Go back into the smart class param screen and uncheck the override checkbox. Submit again.
5. Go to the environments page. Click on Import from Default.
6. Select the box for "Update: motd" and click update.

You'll get a validation error, "Validation failed: Merge overrides can only be set for array or hash" (<https://i.imgur.com/13PO0nE.png>).

Some potential solutions:

1. Have the code reset override specific params like merge_overrides when override is set to false
2. Have the code skip validating override params like merge_overrides if override is false

#6 - 08/16/2016 03:03 PM - David Davis

- Category set to Parameters

#7 - 08/16/2016 03:44 PM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request <https://github.com/theforeman/foreman/pull/3737> added

#8 - 08/23/2016 08:15 PM - Brad Buckingham

- Target version set to 123

#9 - 08/24/2016 04:02 AM - David Davis

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [e21a3a47573306f58e43657afeed18e4b5807311](#).

#10 - 08/24/2016 04:10 AM - Dominic Cleal

- translation missing: en.field_release changed from 162 to 160

#11 - 08/31/2016 10:20 AM - The Foreman Bot

- Pull request <https://github.com/theforeman/foreman/pull/3800> added