

Foreman - Feature #17251

Data type of the id on 'big' tables

11/07/2016 08:27 AM - Nacho Barrientos

Status: Duplicate	
Priority: Normal	
Assignee:	
Category: Database	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Hi,	
Could the id columns of tables that are meant to cycle data frequently (like logs, reports and fact_values) have by default a bigger datatype like BIGINT or at least, INT UNSIGNED? For a running service, would it be safe to alter the tables on the go or could that generate conflicts when upgrading Foreman (because of the DB migration scripts)?	
In our case they're all of type INT as it was chosen by rails when the initial database was deployed. We have more than 25k nodes running Puppet every hour and we run out of ids way more often than we'd like to.	
Maybe there's something that we can do at the time of deploying the application to do this w/o you having to patch anything. Please accept my apologies if that's the case and take this ticket as a question instead of a feature request :)	
Thanks.	
Related issues:	
Is duplicate of Foreman - Bug #13810: Reports fail to upload, Mysql2::Error: ...	Closed 02/19/2016

History

#1 - 11/08/2016 09:30 AM - Dominic Cleal

- Is duplicate of Bug #13810: Reports fail to upload, Mysql2::Error: Out of range value for column 'id' (logs table) added

#2 - 11/08/2016 09:31 AM - Dominic Cleal

- Status changed from New to Duplicate

This is tracked under ticket [#13810](#) for logs, but can certainly apply to others. Changing the schema may break with future DB migrations, I can't recommend doing it - best to submit a patch to change the column type.