Katello - Bug #12331

Transient permission test failures

10/27/2015 12:06 PM - Justin Sherrill

Status:	Resolved		
Priority:	Normal		
Assignee:			
Category:	Tests		
Target version:	Katello Recycle Bin		
Difficulty:	hard	**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

Currently we are seeing random test failures that happens roughly 2-3x per week across everywhere the katello tests run:

11 tests always fail:

```
Katello::OrganizationAuthorizationNoPermsTest.test_promotable_promotion_paths_one    0.50152355
 2
 Katello::OrganizationAuthorizationNoPermsTest.test_read_promotion_paths_one   0.7418944   2
 Katello::ProductAuthorizationNoPermsTest.test_readable_repositories_with_search    0.79982895
2
 Katello::RepositoryAuthorizationNonAuthUserTest.test_readable_with_content_view   0.7553367    2
 Katello::RepositoryAuthorizationNonAuthUserTest.test_readable_with_product   0.6109226    2
 Katello::RepositoryAuthorizationNonAuthUserTest.test_readable_with_versions    0.8154077    2
 Katello::SyncManagementControllerTest.test_destroy_protected   0.7546445    2
 Katello::SyncManagementControllerTest.test_index_protected   0.7302906    2
 Katello::SyncManagementControllerTest.test_sync_protected    0.46630755    2
 Katello::SyncManagementControllerTest.test_sync_status_protected   0.4743731    2
 Katello::SystemAuthorizationWithPermsTest.test_all_editable?
```

Some debug was added in http://projects.theforeman.org/issues/11939 which shows that the katello permissions seem to randomly disappear. In fact other plugin permissions (foreman-docker) also disappear.

This has only been seen on jenkins and not locally.

Related issues:

Related to Katello - Bug #11939: add debugging of transiet fixture test failure	**Closed**	**09/23/2015**

Associated revisions

Revision f6841582 - 11/17/2015 09:17 AM - John Mitsch

Refs #12331 - Fixes authorization tests

This is not a long term fix, but the authorization tests errors that are only showing up in the full test suite can be avoided by rearranging the tests to run in a different order.

Revision 9d867270 - 11/17/2015 09:37 AM - John Mitsch

Merge pull request #5574 from johnpmitsch/permissions_fix

Refs #12331 - Fixes authorization tests

History

#1 - 10/27/2015 12:06 PM - Justin Sherrill

- Related to Bug #11939: add debugging of transiet fixture test failure added

#2 - 10/27/2015 12:08 PM - Justin Sherrill

The output from the debug added in #11939:

00:25:21.607 test_all_editable?(Katello::SystemAuthorizationWithPermsTest):
00:25:21.607 RuntimeError: Permissions not found: edit_content_hosts, some permissions were not found: ["view_architectures", "create_architectures", "edit_architectures", "destroy_architectures", "view_authenticators", "create_authenticators", "edit_authenticators", "destroy_authenticators", "view_bookmarks", "create_bookmarks", "edit_bookmarks", "destroy_bookmarks", "view_compute_resources", "create_compute_resources", "edit_compute_resources", "destroy_compute_resources", "view_templates", "create_templates", "edit_templates", "destroy_templates", "deploy_templates", "access_dashboard", "view_domains", "create_domains", "edit_domains", "destroy_domains", "view_realms", "create_realms", "edit_realms", "destroy_realms", "view_environments", "create_environments", "edit_environments", "destroy_environments", "import_environments", "view_external_variables", "create_external_variables", "edit_external_variables", "destroy_external_variables", "view_globals", "create_globals", "edit_globals", "destroy_globals", "create_params", "edit_params", "destroy_params", "view_hostgroups", "create_hostgroups", "edit_hostgroups", "destroy_hostgroups", "view_hosts", "create_hosts", "edit_hosts", "destroy_hosts", "build_hosts", "power_hosts", "console_hosts", "ipmi_boot", "puppetrun_hosts", "view_images", "create_images", "edit_images", "destroy_images", "view_locations", "create_locations", "edit_locations", "destroy_locations", "assign_locations", "view_media", "create_media", "edit_media", "destroy_media", "view_models", "create_models", "edit_models", "destroy_models", "view_operatingsystems", "create_operatingsystems", "edit_operatingsystems", "destroy_operatingsystems", "view_organizations", "create_organizations", "edit_organizations", "destroy_organizations", "assign_organizations", "view_ptables", "create_ptables", "edit_ptables", "destroy_ptables", "view_puppetclasses", "create_puppetclasses", "edit_puppetclasses", "destroy_puppetclasses", "import_puppetclasses", "view_reports", "destroy_reports", "upload_reports", "access_settings", "view_smart_proxies", "create_smart_proxies", "edit_smart_proxies", "destroy_smart_proxies", "view_smart_proxies_autosign", "create_smart_proxies_autosign", "destroy_smart_proxies_autosign", "view_smart_proxies_puppetca", "edit_smart_proxies_puppetca", "destroy_smart_proxies_puppetca", "view_statistics", "view_subnets", "create_subnets", "edit_subnets", "destroy_subnets", "import_subnets", "view_tasks", "view_trends", "create_trends", "edit_trends", "destroy_trends", "update_trends", "view_usergroups", "create_usergroups", "edit_usergroups", "destroy_usergroups", "view_users", "create_users", "edit_users", "destroy_users", "edit_classes", "view_compute_resources_vms", "create_compute_resources_vms", "edit_compute_resources_vms", "destroy_compute_resources_vms", "power_compute_resources_vms", "console_compute_resources_vms", "view_facts", "upload_facts", "view_audit_logs", "view_plugins", "view_provisioning_templates", "view_roles"]

#3 - 11/14/2015 02:22 PM - Eric Helms

- translation missing: en.field_release set to 86

- Triaged changed from No to Yes

#4 - 11/30/2015 07:12 AM - Dominic Cleal

Justin Sherrill wrote:

> Some debug was added in http://projects.theforeman.org/issues/11939 which shows that the katello permissions seem to randomly disappear. In fact other plugin permissions (foreman-docker) also disappear.

I don't know about Katello's tests, but in Foreman we wouldn't ever expect permissions defined through the plugin registration API to be present in the test environment. Tests are usually only run with a clean database and populated through fixtures (see #12143). Plugins typically add fixtures or factories when testing their own permissions if required, so I wouldn't expect to see foreman-docker's defined permissions.

The frequency of this failing a test run has increased since adding an additional Ruby version to the test_katello_core matrix.

#5 - 12/01/2015 12:22 AM - Justin Sherrill

Dominic, good point about my comment about foreman-docker, those should not appear. This started happening in the rails 4 branch consistently (reproducible every time). I didn't look into it myself and the rails 4 guys were not able to nail to a 'real' solution. A workaround was used (changing the order the set of tests are run in). We could see about porting that to master or I could spend some time on the rails 4 branch digging in myself.

https://github.com/Katello/katello/commit/f6841582bbfd35bb3c5239dc313455f980e01071 & https://github.com/Katello/katello/commit/72e8da23b97b42d9da2696acfc4f1b7f51d81db6

were the two changes made as a workaround.

#6 - 04/04/2016 09:14 PM - Eric Helms

- Priority changed from High to Normal

- translation missing: en.field_release changed from 86 to 114

#7 - 04/24/2017 08:21 AM - Justin Sherrill

- Status changed from New to Resolved

- translation missing: en.field_release changed from 114 to 166

This is no longer an issue.