

Pulp - Story #7158

As a plugin writer, I can load RBAC statements easily from the DB

07/16/2020 10:12 PM - bmbouter

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	bmbouter	% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:	3.6.0	Tags:	
Platform Release:		Sprint:	
Groomed:	No	Quarter:	
Sprint Candidate:	No		
Description			

Associated revisions

Revision 3adeff2c - 08/11/2020 02:50 PM - bmbouter

Role Based Access Control

This PR adds in user-manageable Access Policies rooted at the `/pulp/api/v3/access_policies/` endpoint. This defines both statements of the policy as well as what permissions should be created for new objects.

The `/pulp/api/v3/tasks/` endpoint is now protected by an `AccessPolicy` which by default provides user-isolation. This effectively limits a non-admin user to only view their own tasks.

Plugin writers can enable role base access control easily using the `pulpcore.plugin.models.AccessPolicyFromDB` object and declaring with the `permission_classes` attribute.

Plugin writers can use the `pulpcore.plugin.models.AutoAddObjPermsMixin` which provides user-configurable ways to create permissions for new objects. This includes three methods `object_creator`, `add_for_users`, and `add_for_groups`.

Plugin writers can use the `pulpcore.plugin.models.AutoDeleteObjPermsMixin` which provides auto-removal of object level permissions during object deletion.

`pulpcore.plugin.models.BaseModel` now uses `django-lifecycle` allowing subclasses to use it instead of signals

Plugin writers can easily provide queryset scoping on ViewSets that inherit from the `pulpcore.plugin.viewsets.NamedModelViewSet` by declaring the `queryset_filtering_required_permission` class attribute naming the permission required to view an object.

closes #7160 closes #7210 closes #7151 closes #7157 closes #7158 closes #7300 closes #7301

History

#1 - 08/11/2020 02:54 PM - pulpbot

- Status changed from ASSIGNED to POST

PR: <https://github.com/pulp/pulpcore/pull/837>

#2 - 08/11/2020 04:07 PM - bmbouter

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset [pulpcore|3adeff2cd62c057f1da19c455377089154606bc6](#).

#3 - 08/13/2020 10:20 PM - dkliban@redhat.com

- Sprint/Milestone set to 3.6.0

#4 - 08/13/2020 11:38 PM - pulpbot

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE