

RPM Support - Story #206

As a user, I can specify a whitelist of packages for sync

02/19/2015 02:11 AM - mmccune@redhat.com

Status:	CLOSED - WONTFIX	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:		Tags:	Pulp 2
Platform Release:		Sprint:	
Groomed:	No	Quarter:	
Sprint Candidate:	No		

Description

There is no way currently to apply a whitelist to a yum repository feed. There are often cases where repositories contain large sets of packages that are never used when only a small, specific set are actually desired. The user should have the ability to specify on the repo a whitelist of package names which prevent packages from being synced thus saving disk space and sync time.

This will be done using a new importer option named 'whitelist' which will contain a comma separated list of package names which will be synced. This usage will not support any dependency solving. The packages from the upstream metadata that are also in the whitelist will be created as units. Packages not in the whitelist will not have unit definitions created for them. If 'whitelist' is not defined on the importer, then the whitelist will have no effect (default, download-all behavior).

The package names are expected to not specify versions. All available versions available will be downloaded.

Here is an example snippet of the importer definition:

```
{
  "whitelist": [
    "foo",
    "bar"
  ]
}
```

At publish time, the metadata will only contain units that were imported. Therefore, any units omitted due to the whitelist won't be in the metadata or included as published content. This is true for both traditional and lazy syncing.

The total reported for downloading will also need to be correct based on the intersection of package metadata and the whitelist.

Related issues:

Blocks RPM Support - Story #1314: Extend whitelist importer option to optiona...

CLOSED - WONTFIX

Associated revisions

Revision f78cf977 - 09/20/2021 09:59 PM - Fabricio Aguiar

Enable github issues

closes #206

History

#2 - 08/18/2015 11:13 PM - mhrivnak

- Checklist item changed from *to [] yum importer has a new setting that takes a list of package names, [] sync process only fetches rpms, srpms, and drpms with a whitelisted name*

- Subject changed from *[RFE] Allow whitelist/blacklist for filtering yum repo syncs* to *As a user, I can specify a package name whitelist for sync*

- Platform Release set to 2.8.0

- Groomed set to No

- Sprint Candidate set to Yes

#4 - 10/08/2015 03:54 PM - bmbouter

- Checklist item [] documentation about the new feature added
Checklist item [] release note about the new feature added
Checklist item [] extending the CLI to work with the new feature added

- Status changed from NEW to ASSIGNED

- Assignee set to bmbouter

#5 - 10/08/2015 04:24 PM - bmbouter

- Checklist item changed from yum importer has a new setting that takes a list of package names to yum importer has a new setting named package_names that takes a list of package names
Checklist item changed from sync process only fetches rpms, srpms, and drpms with a whitelisted name to if package_names is set, sync only fetches rpms, srpms, and drpms with a package name on the whitelist
Checklist item [] ensure the total packages shown to be downloaded is the intersection of packages in the metadata and those on the whitelist added

- Description updated

#6 - 10/13/2015 03:18 PM - bmbouter

- Description updated

#7 - 10/15/2015 07:20 PM - bmbouter

- Subject changed from As a user, I can specify a package name whitelist for sync to As a user, I can specify a package_names whitelist for sync

- Description updated

#8 - 10/15/2015 07:20 PM - bmbouter

- Description updated

#9 - 10/15/2015 07:27 PM - bmbouter

- Description updated

#10 - 10/15/2015 07:34 PM - bmbouter

- Checklist item changed from yum importer has a new setting named package_names that takes a list of package names to yum importer has a new setting named whitelist that takes a list of package names
Checklist item changed from if package_names is set, sync only fetches rpms, srpms, and drpms with a package name on the whitelist to if whitelist is set, sync only fetches rpms, srpms, and drpms with a package name on the whitelist

- Subject changed from As a user, I can specify a package_names whitelist for sync to As a user, I can specify a whitelist of packages for sync

- Description updated

#11 - 10/15/2015 07:49 PM - bmbouter

- Blocks Story #1314: Extend whitelist importer option to optionally include dependencies added

#12 - 01/19/2016 11:20 PM - mhrivnak

- Checklist item [] ensure the whitelist can be removed added

#13 - 01/21/2016 09:07 PM - bmbouter

Putting this back to NEW since I'm not actively working on it.

#14 - 01/27/2016 02:34 PM - tekknokrat

- Status changed from ASSIGNED to POST

May ask how is it done in yum_importer in current pulp versions, to resolve dependencies on sync/copy of a package list when filter rules like errata, date, name are given?

#15 - 01/28/2016 06:59 PM - bmbouter

- Status changed from POST to NEW

- Assignee deleted (bmbouter)

Moving back to NEW without someone assigned to it.

tekknokrat wrote:

May ask how is it done in yum_importer in current pulp versions, to resolve dependencies on sync/copy of a package list when filter rules like

errata, date, name are given?

This conversation would be better on pulp-list since this issue doesn't deal with dependency resolution. Would you be willing to re-ask on pulp-list?

#16 - 01/29/2016 05:22 PM - jortel@redhat.com

- *Platform Release deleted (2.8.0)*

#18 - 05/04/2016 03:20 PM - mhrivnak

- *Sprint Candidate changed from Yes to No*

#20 - 03/20/2017 12:57 PM - kfiresmith

+1 with the caveat that we would really appreciate having a blacklist option. In one real-world example I'm coping with right now, `firefox.x86_64` is in the main "OS" repo for RHEL, but `firefox.i686` is in the "Optional" repo. If Optional's repo sync succeeds but OS's fails, all hosts pulling updates will uninstall `firefox.x86_64`, and install `firefox.i686` pulling in a ton of i686 packages and breaking PulseAudio.

This seems to happen to us relatively often, bad luck I guess.

#21 - 04/12/2019 09:59 PM - bmbouter

- *Status changed from NEW to CLOSED - WONTFIX*

#22 - 04/15/2019 11:19 PM - bmbouter

- *Tags Pulp 2 added*

#23 - 09/20/2021 09:39 PM - pulpbot

PR: <https://github.com/pulp/pulp-operator/pull/207>