

Pulp - Task #6155

Task # 5961 (CLOSED - COMPLETE): [EPIC] Test pulpcore against S3

Get our tests running against minio or localstack

02/13/2020 04:25 PM - daviddavis

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	fao89	% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:	3.3.0	Tags:	
Platform Release:		Sprint:	Sprint 68
Groomed:	Yes	Quarter:	
Sprint Candidate:	Yes		
Description			

Associated revisions

Revision a5c62bb0 - 03/03/2020 09:08 PM - daviddavis

Fix pulpcore tests against s3

ref #6155 <https://pulp.plan.io/issues/6155>

Revision 958d179e - 03/10/2020 05:18 PM - Fabricio Aguiar

Running tests on minio

Required PR: <https://github.com/pulp/pulp-operator/pull/35> Required PR: <https://github.com/pulp/pulpcore/pull/568> <https://pulp.plan.io/issues/6155> ref #6155

Revision bca9bf43 - 03/10/2020 05:57 PM - Fabricio Aguiar

Running tests on minio

Required PR: https://github.com/pulp/pulp_file/pull/358 Required PR: <https://github.com/pulp/pulp-operator/pull/35> <https://pulp.plan.io/issues/6155> closes #6155

Revision 5b97616b - 03/10/2020 06:30 PM - Fabricio Aguiar

Running tests on minio

Required PR: <https://github.com/pulp/pulp-operator/pull/35> Required PR: <https://github.com/pulp/pulpcore/pull/568> <https://pulp.plan.io/issues/6155> ref #6155

Revision ba4b021f - 03/10/2020 06:30 PM - Fabricio Aguiar

Running tests on minio

Required PR: <https://github.com/pulp/pulp-operator/pull/35> Required PR: <https://github.com/pulp/pulpcore/pull/568> <https://pulp.plan.io/issues/6155> ref #6155

History

#1 - 02/13/2020 09:58 PM - fao89

+1 to minio <https://hub.docker.com/r/minio/minio/> <https://docs.min.io/docs/python-client-quickstart-guide.html>

#2 - 02/14/2020 09:10 PM - fao89

```
#!/usr/bin/env sh
export MINIO_ACCESS_KEY=AKIAIT2Z5TDYPX3ARJBA
export MINIO_SECRET_KEY=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
sudo mkdir /data
podman run -d -p 9000:9000 -e MINIO_ACCESS_KEY=$MINIO_ACCESS_KEY -e MINIO_SECRET_KEY=$MINIO_SECRET_KEY minio/m
inio server /data
wget https://dl.min.io/client/mc/release/linux-amd64/mc
chmod +x mc
sudo mv mc /usr/local/bin
sudo dnf install -y nc
while ! nc -z localhost 9000; do echo 'Wait minio to startup...' && sleep 0.1; done;
sleep 5
mc config host add s3 http://localhost:9000 AKIAIT2Z5TDYPX3ARJBA fqRvjWaPU5o0fCqQuUWbj9Fainj2pVztBCiDiieS --ap
i S3v4
mc config host rm local
mc mb s3/pulp3 --region eu-central-1
mc tree s3
workon pulp
sudo bash -c "echo AWS_ACCESS_KEY_ID = \'AKIAIT2Z5TDYPX3ARJBA\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_SECRET_ACCESS_KEY = \'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\' >> /etc/pulp/settings.
py"
sudo bash -c "echo AWS_STORAGE_BUCKET_NAME = \'pulp3\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_DEFAULT_ACL = None >> /etc/pulp/settings.py"
sudo bash -c "echo S3_USE_SIGV4 = True >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_S3_SIGNATURE_VERSION = \'s3v4\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_S3_ADDRESSING_STYLE = \'path\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_S3_REGION_NAME = \'eu-central-1\' >> /etc/pulp/settings.py"
sudo bash -c "echo DEFAULT_FILE_STORAGE = \'storages.backends.s3boto3.S3Boto3Storage\' >> /etc/pulp/settings.p
y"
sudo bash -c "echo MEDIA_ROOT = \'\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_S3_ENDPOINT_URL = \'http://localhost:9000\' >> /etc/pulp/settings.py"
pip install django-storages[boto3] pytest
prestart
cat /etc/pulp/settings.py
cd devel/pulp_file/docs/_scripts
./docs_check_sync_publish.sh
mc tree s3/pulp3
cd ~/devel/pulp_file/
pytest pulp_file/tests/functional
```

#3 - 02/14/2020 09:11 PM - fao89

- Status changed from NEW to ASSIGNED
- Assignee set to fao89

#4 - 02/14/2020 09:32 PM - fao89

- Status changed from ASSIGNED to NEW

#5 - 02/14/2020 09:32 PM - fao89

- Assignee deleted (fao89)

#6 - 02/18/2020 05:03 PM - mdepaulo@redhat.com

Our regular CI currently runs against containers / pulp-operator

It is TBD whether it would be quicker to run against containers / pulp-operator, or to try to use ansible-pulp CI somehow.

#7 - 02/18/2020 09:45 PM - dkliban@redhat.com

- Groomed changed from No to Yes
- Sprint Candidate changed from No to Yes

#8 - 02/21/2020 03:33 PM - rchan

- Sprint set to Sprint 67

#9 - 02/28/2020 02:23 PM - fao89

```
#!/usr/bin/env sh
sudo dnf install -y docker
sudo groupadd docker && sudo gpasswd -a ${USER} docker && sudo systemctl restart docker
newgrp docker
workon pulp
pip install awscli django-storages[boto3] localstack pytest
aws configure set aws_access_key_id AKIAIT2Z5TDYPX3ARJBA
aws configure set aws_secret_access_key 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
aws configure set default.region eu-central-1
aws configure set s3.signature_version s3v4
aws configure set default.s3.addressing_style path
mkdir -p /tmp/localstack/data
export LOCALSTACK_SERVICES=s3
export DEFAULT_REGION="eu-central-1"
export DATA_DIR=/tmp/localstack/data
ENTRYPOINT=-d localstack start --docker
sleep 10
sudo bash -c "echo AWS_ACCESS_KEY_ID = \'AKIAIT2Z5TDYPX3ARJBA\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_SECRET_ACCESS_KEY = \'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\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_STORAGE_BUCKET_NAME = \'pulp3\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_DEFAULT_ACL = None >> /etc/pulp/settings.py"
sudo bash -c "echo S3_USE_SIGV4 = True >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_S3_SIGNATURE_VERSION = \'s3v4\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_S3_ADDRESSING_STYLE = \'path\' >> /etc/pulp/settings.py"
sudo bash -c "echo AWS_S3_REGION_NAME = \'eu-central-1\' >> /etc/pulp/settings.py"
sudo bash -c "echo DEFAULT_FILE_STORAGE = \'storages.backends.s3boto3.S3Boto3Storage\' >> /etc/pulp/settings.py"
prestart
aws --endpoint-url=http://localhost:4572 s3 mb s3://pulp3
aws --endpoint-url=http://localhost:4572 s3api list-buckets
cd devel/pulp_file/docs/_scripts
./docs_check_sync_publish.sh
aws --endpoint-url=http://localhost:4572 s3 ls s3://pulp3 --recursive
ls /tmp/localstack/data
cd ~/devel/pulp_file/
pytest pulp_file/tests/functional
```

#10 - 02/28/2020 02:24 PM - fao89

- Status changed from NEW to ASSIGNED
- Assignee set to fao89

minio: https://github.com/pulp/pulp_file/pull/358 localstack: https://github.com/pulp/pulp_file/pull/362

#11 - 02/28/2020 03:21 PM - fao89

- Status changed from ASSIGNED to NEW
- Assignee deleted (fao89)

#12 - 02/28/2020 07:25 PM - fao89

<https://github.com/ceph/cn> cn is very limited, I could not find a way to set the region, signature version and addressing style. Even secret and access key we have to change in a hack-ish way:
<https://github.com/ceph/cn#note-that-the-object-gateway-tab-in-the-dashboard-is-not-enabled-yet-so-run-the-following-to-enable-rgw-dashboard>

#13 - 03/02/2020 10:04 PM - fao89

- Status changed from NEW to ASSIGNED
- Assignee set to fao89

#14 - 03/02/2020 11:39 PM - fao89

- Status changed from ASSIGNED to POST

template: https://github.com/pulp/plugin_template/pull/188 rpm: https://github.com/pulp/pulp_rpm/pull/1619 core: <https://github.com/pulp/pulpcore/pull/568> ansible: https://github.com/pulp/pulp_ansible/pull/293 file: https://github.com/pulp/pulp_file/pull/358

#15 - 03/06/2020 04:09 PM - rchan

- Sprint changed from Sprint 67 to Sprint 68

#16 - 03/10/2020 06:27 PM - Anonymous

- Status changed from POST to MODIFIED
- % Done changed from 0 to 100

Applied in changeset [pulpcore|bca9bf438ef2b29dbb197bb53f15e4a359b5fb0c](https://github.com/pulp/pulpcore/pull/568).

#17 - 04/15/2020 09:56 PM - ttereshc

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE
- Sprint/Milestone set to 3.3.0