openQA Project - action #111887

coordination # 111860 (Blocked): [epic] Upgrade all our infrastructure, e.g. o3+osd workers+webui and production workloads, to openSUSE Leap 15.4

Upgrade OBS package CI checks to Leap 15.4 (os-autoinst+openQA) size:S

2022-05-31 18:19 - okurz

Status:	Resolved		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	tinita		**% Done:**	0%
Category:	Organisational		**Estimated time:**	0.00 hour
Target version:	Ready			
Difficulty:				

Description

Motivation

As we will use Leap 15.4 as CI container base in os-autoinst and openQA so far already AFAIK we should also run the according OBS checks on Leap 15.4

Acceptance criteria

- **AC1**: OBS checks run on pull requests for both os-autoinst and openQA test on Leap 15.4

Suggestions

- Find out where this is configured and update to use Leap 15.4 both for os-autoinst and openQA, see https://openbuildservice.org/help/manuals/obs-user-guide/cha.obs.scm_ci_workflow_integration.html#sec.obs.obs_scm_ci_workflow_integration.use_cases.test_build_pull_request just update https://github.com/os-autoinst/os-autoinst/blob/master/.obs/workflows.yml or maybe even extend to have 15.3+15.4. If it's easier just replace the version. If it's possible test both
- Verify that it works, e.g. by opening a pull request for both os-autoinst and openQA

Related issues:

Related to openQA Project - action #112403: 18-qemu-options.t fails on Leap 1...	**Resolved**	**2022-06-14**
Copied from openQA Project - action #102464: Upgrade OBS package CI checks to...	**Resolved**	**2021-09-24**

History

#1 - 2022-05-31 18:19 - okurz

- Copied from action #102464: Upgrade OBS package CI checks to Leap 15.3 (os-autoinst+openQA) size:M added

#2 - 2022-05-31 18:25 - okurz

- Project changed from openQA Infrastructure to openQA Project

- Subject changed from Upgrade OBS package CI checks to Leap 15.3 (os-autoinst+openQA) size:M to Upgrade OBS package CI checks to Leap 15.4 (os-autoinst+openQA)

- Description updated

- Category set to Organisational

- Assignee deleted (tinita)

- Priority changed from High to Normal

- Target version changed from Ready to future

- Start date deleted (2021-09-24)

#3 - 2022-06-15 08:33 - okurz

- Related to action #112403: 18-qemu-options.t fails on Leap 15.4 and Tumbleweed size:M added

#4 - 2022-06-15 08:34 - okurz

- Target version changed from future to Ready

#5 - 2022-06-15 10:01 - okurz

- Subject changed from Upgrade OBS package CI checks to Leap 15.4 (os-autoinst+openQA) to Upgrade OBS package CI checks to Leap 15.4 (os-autoinst+openQA) size:S

- Description updated

- Status changed from New to Workable

#6 - 2022-06-15 10:43 - tinita

- Status changed from Workable to In Progress

- Assignee set to tinita

#7 - 2022-06-15 10:57 - tinita

- Status changed from In Progress to Blocked

There is a problem with running 15.4 checks, I made a test PR in my fork:
https://github.com/perlpunk/os-autoinst/pull/13
https://build.opensuse.org/package/live_build_log/home:tinita:branches:devel:openQA:GitHub:perlpunk:os-autoinst:PR-13/os-autoinst:os-autoinst-test/openSUSE_Leap_15.4/x86_64

```
[   49s] Unpacking os-autoinst-4.6.1655222857.cb9d974.obscpio ...
[   49s] 68005 blocks
[   49s] Running build time source services...
[   49s] Traceback (most recent call last):
[   49s]   File "/usr/lib/obs/service/tar", line 30, in <module>
[   49s]     main()
[   49s]   File "/usr/lib/obs/service/tar", line 26, in main
[   49s]     TarSCM.run()
[   49s]   File "/usr/lib/obs/service/TarSCM/__init__.py", line 39, in run
[   49s]     task_list.process_list()
[   49s]   File "/usr/lib/obs/service/TarSCM/tasks.py", line 118, in process_list
[   49s]     self.process_single_task(task)
[   49s]   File "/usr/lib/obs/service/TarSCM/tasks.py", line 173, in process_single_task
[   49s]     self.args = self.check_for_branch_request(args)
[   49s]   File "/usr/lib/obs/service/TarSCM/tasks.py", line 156, in check_for_branch_request
[   49s]     if j['object_kind'] == 'merge_request':
[   49s] KeyError: 'object_kind'
[   49s] service run failed for service 'tar'
```

Currently asking on IRC about it. If I get no answer I'll create an issue: https://github.com/openSUSE/obs-service-tar_scm

#8 - 2022-06-15 11:01 - tinita

It looks like there might already be a fix, but not yet packaged?
This is how the code looks like on my machine:

```
155         j = json.load(f)
156         if j['object_kind'] == 'merge_request':
```

and in git:
https://github.com/openSUSE/obs-service-tar_scm/blob/master/TarSCM/tasks.py#L155

```
        dat = json.load(ofh)
    if dat.get('object_kind') == 'merge_request':
```


#9 - 2022-06-15 12:20 - tinita

I created an issue: https://github.com/openSUSE/obs-service-tar_scm/issues/446

Not much help on IRC yet.

I created a draft PR anyway for adding the 15.4 repo: https://github.com/os-autoinst/os-autoinst/pull/2086

#10 - 2022-06-16 12:03 - tinita

- Status changed from Blocked to In Progress

I got the suggestion "try adding opensuse:tools repo to your repo config".
I wasn't able to figure out the exact text to put into the config first.
First I found out that it needs to be openSUSE:Tools and not opensuse:tools.
Then I found out that I should not add another <respository> item, but add that repository to the openSUSE_Leap_15 repository.

```
  <repository name="openSUSE_Leap_15.4">
    <path project="openSUSE:Tools" repository="15.4"/>
    <path project="devel:openQA:Leap:15.4" repository="openSUSE_Leap_15.4"/>
    <arch>x86_64</arch>
  </repository>
```

Now the build succeeded:
https://github.com/perlpunk/os-autoinst/pull/13

https://github.com/os-autoinst/os-autoinst/pull/2086 ready for review

#11 - 2022-06-16 14:35 - tinita

openQA: https://github.com/perlpunk/openQA/pull/2 - Dummy PR to test the new OBS config

But the build is still blocked, it has been blocked for hours.
https://build.opensuse.org/package/show/devel:openQA:GitHub:perlpunk:openQA:PR-2/openQA

Not sure what to do.

#12 - 2022-06-16 15:23 - tinita

Ok, builds finally finished.

https://github.com/os-autoinst/openQA/pull/4708 - ci: Test on Leap 15.4

#13 - 2022-06-16 19:11 - tinita

https://github.com/os-autoinst/os-autoinst/pull/2086 merged

#14 - 2022-06-17 04:23 - openqa_review

- Due date set to 2022-07-01

Setting due date based on mean cycle time of SUSE QE Tools

#15 - 2022-06-17 07:09 - tinita

- Status changed from In Progress to Feedback

https://github.com/os-autoinst/openQA/pull/4708 merged

#16 - 2022-06-20 12:34 - tinita

- Status changed from Feedback to Resolved

15.4 tests showing up in all pull requests as expected.

#17 - 2022-07-11 13:26 - okurz

- Due date deleted (2022-07-01)