openQA Tests - action #70132

[functional][u] test fails in machinery - detect missing capability in zypper and report the corresponding error

2020-08-17 08:55 - szarate

| Status: | Resolved       | Start date: | 2020-08-17 |
|---------|----------------|-------------|============|
| Priority: | Normal         | Due date:   |             |
| Assignee: | dheidler       | % Done:     | 0%          |
| Category: | Refactor/Code Improvements | Estimated time: | 42.00 hours |
| Target version: | Milestone 30 |             |             |
| Difficulty: |                |             |             |

Description

openQA test in scenario sle-15-SP3-Online-x86_64-extra_tests_textmode_phub@64bit fails in machinery

When looking at the zypper log, one can clearly see the following trace, which means that a package, pattern or capability was not found, similar to #70129 to save time during review, knowing which of those packages are missing from the test results instead of looking at logs, would save some minutes.

Suggestions

Implement a regex search for every occurrence of: SolverRequester.cc(install):325 .* cap:machinery not found and report them in a single record_info box that is triggered when zypper's return code is 104 which resolves to ZYPPER_EXIT_INF_CAP_NOT_FOUND, also see #70129

2020-08-14 05:32:41 <1> susetest(2351) [zypper] basecommand.cc(defaultSystemSetup):199 -----------
--- Calling SAT Solver to establish the PPP status -------------------
2020-08-14 05:32:41 <1> susetest(2351) [zypper++] PackageArgs.cc(preprocess):84 args received: machinery
2020-08-14 05:32:41 <1> susetest(2351) [zypper++] PackageArgs.cc(argsToCaps):223 got wanted 'machiney'; repo ''
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 query: kinds: package
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 repos: ALL
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 version: ANY
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 status: ALL
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 string match flags: GLOB|SKIP_KIND
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 strings:
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 attributes:
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 * solvable:name: machinery
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 predicated:
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 last attribute matcher compiled:
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76 not yet compiled
2020-08-14 05:32:41 <1> susetest(2351) [zypper:req++] SolverRequester.cc(pkg_spec_to_poolquery):76
2020-08-14 05:32:41 <2> susetest(2351) [zypper:req] SolverRequester.cc(install):325 machinery cap:
machinery not found

2020-08-14 05:32:41 <1> susetest(2351) [zypper++] PackageArgs.cc(preprocess):84 args received: 
2020-08-14 05:32:41 <1> susetest(2351) [zypper++] PackageArgs.cc(preprocess):88 args compiled:
2020-08-14 05:32:41 <2> susetest(2351) [zypper] Zypper.h(setExitCode):164 setExitCode 104
2020-08-14 05:32:41 <5> susetest(2351) [zypp] Exception.cc(log):166 installremove.cc(handleFeedback):41 THROW: name or capability not found
2020-08-14 05:32:41 <5> susetest(2351) [zypp] Exception.cc(log):166 basecommand.cc(run):274 CAUGHT: name or capability not found
2020-08-14 05:32:41 <2> susetest(2351) [zypper] basecommand.cc(run):275 Caught exit request: exitCode 104
2020-08-14 05:32:41 <2> susetest(2351) [zypper] Zypper.h(setExitCode):164 setExitCode 104
2020-08-14 05:32:41 <1> susetest(2351) [zypper] Zypper.cc(doCommand):685 Done
2020-08-14 05:32:41 <1> susetest(2351) [zypper] Zypper.cc(cleanup):737 START

Suggestions

Reproducible

Fails since (at least) Build 14.2 (current job)

Expected result

Last good: (unknown) (or more recent)

Further details

Always latest result in this scenario: latest

Related issues:

| Related to openQA Tests - action #70129: [functional][u] test fails in pam - ... | Submitted | Resolved | 2020-08-17 |
| Related to openQA Tests - action #70528: [functional][u] test fails in machinery - detect "Valid metadata not found at specified URL" and record the error added | Submitted | Resolved | 2020-08-26 |

History

#1 - 2020-08-17 08:57 - szarate
- Category changed from Bugs in existing tests to Refactor/Code Improvements

#2 - 2020-08-17 09:24 - SLindoMansilla
- Status changed from New to Workable
- Target version set to Milestone 30
- Estimated time set to 42.00 h

#3 - 2020-08-21 10:30 - dheidler
- Status changed from Workable to In Progress
- Assignee set to dheidler

#4 - 2020-08-24 15:45 - dheidler
- Status changed from In Progress to Feedback

https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/10868

#5 - 2020-08-25 23:52 - szarate
- Related to action #70129: [functional][u] test fails in pam - Detect invalid repositories and report them as such added

#6 - 2020-08-26 00:10 - szarate
- Related to action #70528: [functional][u] test fails in machinery - detect "Valid metadata not found at specified URL" and record the error added

#7 - 2020-08-31 11:59 - dheidler
- Status changed from Feedback to Resolved