

## QE tools team - backlog (ready issues)

| #                    | Subject                                                                                                                                | Project               | Status   | Assignee | Related issues                                                                                                                                                                    | Priority | Category         | Difficulty |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|------------|
| <b>New (1)</b>       |                                                                                                                                        |                       |          |          |                                                                                                                                                                                   |          |                  |            |
| 115226               | Use ext4 (instead of ext2) for /var/lib/openqa on qa-power8 workers                                                                    | openQA Infrastructure | New      |          |                                                                                                                                                                                   | Normal   |                  |            |
| <b>Workable (17)</b> |                                                                                                                                        |                       |          |          |                                                                                                                                                                                   |          |                  |            |
| 115112               | Conduct 5 Whys for "QEMU 6.2.0 assigns all CPUs to NUMA node 0 by default" size:M                                                      | openQA Project        | Workable |          |                                                                                                                                                                                   | High     |                  |            |
| 115103               | [tools] osc-plugin-qam reads Incident Priority from IBS but that was replaced by SMELT size:M                                          | QA                    | Workable |          |                                                                                                                                                                                   | Normal   |                  |            |
| 104781               | Getting familiar with oscqam plugin size:M                                                                                             | QA                    | Workable |          | Related to #109779                                                                                                                                                                | Normal   |                  |            |
| 107923               | qem-bot: Ignore not-ok openQA jobs for specific incident based on openQA job comment size:M                                            | QA                    | Workable |          | Related to #109857, Related to #111078                                                                                                                                            | Normal   |                  |            |
| 111066               | Document suggested workflows for multiple teams reviewing openQA test results size:M                                                   | openQA Project        | Workable |          |                                                                                                                                                                                   | Normal   | Feature requests |            |
| 113794               | Use prepared OVMF image with expected settings size:M                                                                                  | openQA Project        | Workable |          | Related to #114523, Copied from #111992                                                                                                                                           | Normal   | Feature requests |            |
| 114412               | Add support for "wait_screen_change" with "no_wait" option to allow to use on cases like "wait for every character to be typed" size:M | openQA Project        | Workable |          | Copied from #109737                                                                                                                                                               | Normal   | Feature requests |            |
| 114415               | [timeboxed:10h][spike solution] qem-bot comments on IBS size:S                                                                         | QA                    | Workable |          |                                                                                                                                                                                   | Normal   |                  |            |
| 115019               | os-autoinst/wheel-boot which can be used to test os-autoinst/wheel-launcher size:M                                                     | openQA Project        | Workable |          | Copied from #115013, Copied to #115022                                                                                                                                            | Normal   | Feature requests |            |
| 115178               | openqa-investigate: Ensure proper error handling size:M                                                                                | openQA Project        | Workable |          | Copied from #114451                                                                                                                                                               | Normal   | Concrete Bugs    |            |
| 111254               | Cover code of os-autoinst path backend/ fully (statement coverage) size:M                                                              | openQA Project        | Workable |          | Blocked by #109620, Copied from #111251                                                                                                                                           | Low      | Feature requests |            |
| 107941               | [sporadic] openQA Fullstack test t/full-stack.t can still fail with "udevadm" log message size:M                                       | openQA Project        | Workable |          |                                                                                                                                                                                   | Low      | Concrete Bugs    |            |
| 111338               | Open source <a href="https://gitlab.suse.de/qa-maintenance/mtui">https://gitlab.suse.de/qa-maintenance/mtui</a> size:M                 | QA                    | Workable |          | Copied to #111341                                                                                                                                                                 | Low      |                  |            |
| 113674               | Configure I/O alerts again for the webui after migrating to the "unified alerting" in grafana size:M                                   | openQA Infrastructure | Workable |          | Related to #112733                                                                                                                                                                | Low      |                  |            |
| 81899                | [easy][beginner] Move code from isotovideo to a module size:M                                                                          | openQA Project        | Workable | okurz    | Related to #108530                                                                                                                                                                | Low      | Feature requests |            |
| 99663                | Use more perl signatures - os-autoinst size:M                                                                                          | openQA Project        | Workable | okurz    | Related to #102146, Related to #104986, Related to #104520, Related to #106654, Related to #108323, Related to #110983, Related to #112319, Related to #109740, Copied to #100967 | Low      | Feature requests |            |

| #                      | Subject                                                                                                                        | Project               | Status      | Assignee   | Related issues                                                               | Priority | Category               | Difficulty |
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| 100967                 | Use more perl signatures - openQA size:M                                                                                       | openQA Project        | Workable    | okurz      | Copied from #99663, Copied to #105127                                        | Low      | Feature requests       |            |
| <b>In Progress (4)</b> |                                                                                                                                |                       |             |            |                                                                              |          |                        |            |
| 113797                 | Automated alerts and reminders about SLO's for openqatests size:M                                                              | QA                    | In Progress | cdywan     |                                                                              | Normal   |                        |            |
| 111473                 | Get replacements for imagetester and openqaworker1 size:M                                                                      | openQA Infrastructure | In Progress | mkittler   | Copied to #111986, Copied to #113477                                         | High     |                        |            |
| 109746                 | Improve QA related server room management, consistent naming and tagging size:M                                                | openQA Infrastructure | In Progress | okurz      | Copied from #102650, Copied to #110521                                       | Low      |                        |            |
| 111710                 | [qa-tools] [tools] remove usage of *_TEST_TEMPLATE vars in qem-bot and openQA media definition if favor of *_TEST_REPOS size:M | QA                    | In Progress | osukup     | Related to #109707                                                           | Normal   |                        |            |
| <b>Blocked (36)</b>    |                                                                                                                                |                       |             |            |                                                                              |          |                        |            |
| 109737                 | [opensuse][sporadic] test fails in chromium due to lost characters when typing in the address bar size:M                       | openQA Tests          | Blocked     | cdywan     | Related to #107632, Related to #109740, Copied to #113800, Copied to #114412 | High     | Bugs in existing tests |            |
| 112367                 | [tools] python-paramiko on Leap/SLE throws exception with ed25519 key size:M                                                   | QA                    | Blocked     | jbaier_cz  |                                                                              | Normal   |                        |            |
| 101048                 | [epic] Investigate and fix higher instability of openqaworker-arm-4/5 vs. arm-1/2/3                                            | openQA Project        | Blocked     | mkittler   | Related to #101030                                                           | High     | Concrete Bugs          |            |
| 115106                 | Cancelled jobs can end up being stuck associated with worker                                                                   | openQA Project        | Blocked     | mkittler   |                                                                              | Normal   | Concrete Bugs          |            |
| 103962                 | [saga][epic] Easy multi-machine handling: MM-tests as first-class citizens                                                     | openQA Project        | Blocked     | mkittler   | Copied to #112862                                                            | Normal   | Feature requests       |            |
| 114565                 | recover qa-power8-4+qa-power8-5 size:M                                                                                         | openQA Infrastructure | Blocked     | mkittler   | Related to #115208, Copied from #114526                                      | Normal   |                        |            |
| 98952                  | [epic] t/full-stack.t sporadically fails "clickElement: element not interactable" and other errors                             | openQA Project        | Blocked     | mkittler   | Related to #101734                                                           | Low      | Concrete Bugs          |            |
| 103736                 | Make aarch64 machine chan-1 up and running after it is broken size:M                                                           | openQA Infrastructure | Blocked     | nicksinger |                                                                              | High     |                        |            |
| 108974                 | Loan Fujitsu server for OpenQA FIPS testing needs                                                                              | openQA Infrastructure | Blocked     | nicksinger |                                                                              | Normal   |                        |            |
| 80142                  | [saga][epic] Scale out: Redundant/load-balancing deployments of openQA, easy containers, containers on kubernetes              | openQA Project        | Blocked     | okurz      | Related to #80466, Related to #92893, Related to #110497                     | High     | Feature requests       |            |
| 97862                  | More openQA worker hardware for OSD size:M                                                                                     | openQA Infrastructure | Blocked     | okurz      | Copied from #97043, Copied to #104970                                        | High     |                        |            |
| 110545                 | Investigate and fix higher instability of openqaworker-arm-4/5 vs. arm-1/2/3 - further things to try size:M                    | openQA Infrastructure | Blocked     | okurz      | Copied to #111578                                                            | High     |                        |            |
| 111992                 | Deal with QEMU and OVMF default resolution being 1280x800, affecting (at least) qxl size:M                                     | openQA Project        | Blocked     | okurz      | Related to #111866, Related to #111863, Copied to #113794, Copied to #114523 | High     | Feature requests       |            |
| 112898                 | Minion workers alert triggering on and off size:M                                                                              | QA                    | Blocked     | okurz      | Related to #96380                                                            | High     |                        |            |

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| 114523 | Deal with QEMU and OVMF default resolution being 1280x800, affecting (at least) qxl, but on aarch64, auto_review:"(?s)aarch64.*uefi.*no candidate needle.*grub":retry                                            | openQA Infrastructure | Blocked | okurz    | Related to #113794, Related to #114493, Related to #114550, Related to #114769, Copied from #111992                                    | High     |                  |            |
| 91646  | [saga][epic] SUSE Maintenance QA workflows with fully automated testing, approval and release                                                                                                                    | QA                    | Blocked | okurz    | Copied to #99303                                                                                                                       | Normal   |                  |            |
| 96539  | Conclude migration of qam.suse.de                                                                                                                                                                                | QA                    | Blocked | okurz    |                                                                                                                                        | Normal   |                  |            |
| 109668 | [saga][epic] Stable and updated non-qemu backends for SLE validation                                                                                                                                             | openQA Project        | Blocked | okurz    | Related to #37339                                                                                                                      | Normal   | Feature requests |            |
| 91914  | [epic] Make reviewing openQA results per squad easier                                                                                                                                                            | openQA Project        | Blocked | okurz    | Related to #52655, Related to #93710, Copied from #91467, Copied to #99306                                                             | Normal   | Feature requests |            |
| 94105  | [epic] Use feedback from openqa-investigate to automatically inform on github pull requests, open tickets, weed out automatically failed tests                                                                   | QA                    | Blocked | okurz    | Related to #91773, Related to #107014                                                                                                  | Normal   |                  |            |
| 98472  | [epic] Scale out: Disaster recovery deployments of existing openQA infrastructures                                                                                                                               | openQA Project        | Blocked | okurz    |                                                                                                                                        | Normal   | Feature requests |            |
| 106922 | [epic][sporadic] openqa_from_git fails in dashboard due to ensure_unlocked_desktop not expecting password entry screen in case of locked desktop auto_review:"match=desktop-runner,screenlock timed out.*":retry | openQA Project        | Blocked | okurz    | Related to #103122, Related to #92092, Related to #44441, Related to #46589, Related to #64078, Copied from #106919, Copied to #108527 | Normal   | Feature requests |            |
| 108527 | [epic] os-autoinst wheels for scalable code reuse of helper functions and segmented test distributions                                                                                                           | openQA Project        | Blocked | okurz    | Copied from #106922                                                                                                                    | Normal   | Feature requests |            |
| 109846 | [epic] Ensure all our database tables accomodate enough data, e.g. bigint for ids                                                                                                                                | openQA Project        | Blocked | okurz    | Copied from #109836                                                                                                                    | Normal   | Feature requests |            |
| 109920 | Identify reproducible product issues using openqa-investigate size:M                                                                                                                                             | QA                    | Blocked | okurz    | Copied to #110176                                                                                                                      | Normal   |                  |            |
| 110884 | [epic] Properly maintained open source mtui+osqam                                                                                                                                                                | QA                    | Blocked | okurz    |                                                                                                                                        | Normal   |                  |            |
| 111347 | [saga][epic] Properly maintained Maintenance QA tooling                                                                                                                                                          | QA                    | Blocked | okurz    | Copied from #99303                                                                                                                     | Normal   |                  |            |
| 111860 | [epic] Upgrade all our infrastructure, e.g. o3+osd workers+webui and production workloads, to openSUSE Leap 15.4                                                                                                 | openQA Project        | Blocked | okurz    | Copied from #99183                                                                                                                     | Normal   | Organisational   |            |
| 111986 | Ensure uno.openqanet.opensuse.org is properly used                                                                                                                                                               | openQA Infrastructure | Blocked | okurz    | Copied from #111473                                                                                                                    | Normal   |                  |            |
| 114448 | malbec.arch.suse.de is unreachable via IPMI and more information is needed on racktables                                                                                                                         | openQA Infrastructure | Blocked | okurz    |                                                                                                                                        | Normal   |                  |            |
| 99660  | [epic] Use more perl signatures in our perl projects                                                                                                                                                             | openQA Project        | Blocked | okurz    |                                                                                                                                        | Low      | Feature requests |            |
| 109740 | [epic] Stable os-autoinst unit tests with good coverage                                                                                                                                                          | openQA Project        | Blocked | okurz    | Related to #109620, Related to #99663, Related to #108530, Related to #109737                                                          | Low      | Feature requests |            |
| 92854  | [epic] limit overload of openQA webUI by heavy requests                                                                                                                                                          | openQA Project        | Blocked | okurz    | Copied from #92770                                                                                                                     | Low      | Feature requests |            |
| 97190  | Limit size of initial requests everywhere, e.g. /, /tests, etc., over webUI and API                                                                                                                              | openQA Project        | Blocked | okurz    | Related to #41054, Related to #110680, Related to #110677                                                                              | Low      | Feature requests |            |

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| 99579               | [epic][retro] Follow-up to "Published QCOW images appear to be uncompressed"                                       | openQA Project        | Blocked  | okurz    | Related to #96557, Copied from #99246   | Low      | Organisational   |            |
| 114421              | Add a limit where it makes sense after we have it for /tests, query configurable                                   | openQA Project        | Blocked  | okurz    | Related to #113189, Copied from #111770 | Low      | Feature requests |            |
| <b>Feedback (7)</b> |                                                                                                                    |                       |          |          |                                         |          |                  |            |
| 114878              | isotovideo: Add option to disable color output size:S                                                              | openQA Project        | Feedback | cdywan   | Copied from #114869                     | Normal   | Feature requests |            |
| 114802              | Handle "QA network infrastructure Package loss alert" introduced by #113746 size:M                                 | openQA Infrastructure | Feedback | mkittler | Related to #113746                      | Normal   |                  |            |
| 113671              | [timeboxed][10h] Configure write of I/O panels to be on the negative Y-axis again once we're on grafana 8.4 size:S | openQA Infrastructure | Feedback | mkittler | Related to #112733                      | Low      |                  |            |
| 113366              | Add three more Prague located OSD workers size:M                                                                   | openQA Infrastructure | Feedback | okurz    | Copied from #104970                     | High     |                  |            |
| 111171              | Handle installation of new FC switch size:M                                                                        | openQA Infrastructure | Feedback | okurz    |                                         | Low      |                  |            |
| 115094              | [tools] test fails in bootloader_start: redcurrant is down                                                         | openQA Infrastructure | Feedback | okurz    | Copied to #115118                       | Low      |                  |            |
| 114694              | Incident seems to have missing aggregate test results in qem-dashboard but openQA jobs exists size:M               | QA                    | Feedback | osukup   | Related to #110409, Related to #109310  | High     |                  |            |