

## QE tools team - backlog (ready issues)

#	Subject	Project	Status	Assignee	Related issues	Priority	Category	Difficulty
<b>New (8)</b>								
109740	[epic] Stable os-autoinst unit tests	openQA Project	New	okurz		Normal	Feature requests	
111156	No effect of remote PDU controls on openqaworker-arm-4.qa and openqaworker-arm-5.qa, check power connections	openQA Infrastructure	New	nicksinger	Copied from #111149	High		
111152	Investigation jobs run because of the lack of automatic carryover	openQA Project	New		Copied from #110881	High	Concrete Bugs	
111078	Simple automatic test exercising one of the existing happy path workflows of qem-bot	QA	New		Related to #107923	Normal		
111066	Document suggested workflows for multiple teams reviewing openQA test results	openQA Project	New			Normal	Feature requests	
111063	ping monitoring for our s390z mainframes	openQA Infrastructure	New			Normal		
110467	Establish reliable tap setup on ow14	openQA Infrastructure	New		Related to #104970	Normal		
76813	[tools] Test using svirt backend fails with auto_review:"Error connecting to VNC server.*: IO::Socket::INET: connect: Connection refused":retry	openQA Project	New		Related to #104520, Related to #99345, Related to #107026, Copied to #105882, Copied to #106685	Normal	Feature requests	
<b>Workable (24)</b>								
97121	[epic] enable qem-bot comments on IBS (was: enable qa-maintenance/openQABot comments on smelt again)	QA	Workable	okurz	Related to #96998	Normal		
108091	Most systemd units should not Want= or Require= network.target (bsc#1196359) size:M	openQA Project	Workable	okurz	Related to #78390, Copied to #108125	Low	Concrete Bugs	
99345	[tools][qem] Incomplete test runs on s390x with auto_review:"backend died: Error connecting to VNC server.*s390.*Connection timed out":retry size:M	openQA Tests	Workable	mkittler	Related to #76813, Related to #111004, Related to #109656, Has duplicate #110902	Urgent	Bugs in existing tests	
110680	Overview page shouldn't allow long-running requests without limits size:M	openQA Project	Workable	kraih	Related to #97190, Blocks #106759	Normal	Feature requests	
110545	Investigate and fix higher instability of openqaworker-arm-4/5 vs. arm-1/2/3 - further things to try size:M	openQA Infrastructure	Workable			High		
110920	Emails from o3 are rejected by mx2.suse.de for certain sender/recipients size:S	openQA Infrastructure	Workable		Copied from #110629	Normal		
110518	Call job_done_hooks if requested by test setting (not only openQA config as done so far) size:M	openQA Project	Workable		Related to #95783, Copied from #98862, Copied to #110530	Normal	Feature requests	
110269	[alert] QA-Power8-4-kvm: Disk I/O time alert size:M	openQA Infrastructure	Workable			Normal		

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110260	o3 logreports - /var/lib/openqa/share/tests/obs/needles is not a git directory size:M	openQA Project	Workable		Copied from #105924, Copied to #110389	Normal	Concrete Bugs	
110176	[spike solution] [timeboxed:10h] Restart hook script in delayed minion job based on exit code size:M	QA	Workable		Copied from #109920	Normal		
110136	[research][timeboxed:10h] Add alerts for any database IDs nearing a limit: Research the industry standard for postgresQL software development and admins best practices size:S	openQA Project	Workable			Normal	Feature requests	
107497	[qe-tools] openqaworker14 and openqa15 - developer mode fails size:M	openQA Project	Workable		Related to #104970	Normal	Concrete Bugs	
105885	Continuous deployment of o3 workers - all the other o3 workers size:m	openQA Project	Workable		Copied from #105379	Normal	Feature requests	
110725	Unexpected behavior for cache service under k3s when the CACHE_MIN_FREE_PERCENTAGE is set size:M	openQA Project	Workable		Related to #110524	Low	Concrete Bugs	
110521	Improve QA related server room management, network topology and configuration size:M	openQA Infrastructure	Workable		Copied from #109746	Low		
109746	Improve QA related server room management, consistent naming and tagging size:M	openQA Infrastructure	Workable		Copied from #102650, Copied to #110521	Low		
109734	Better way to prevent conflicts between openqa-worker@ and openqa-worker-auto-restart@ variants size:M	openQA Project	Workable		Related to #109055	Low	Feature requests	
109635	Check grafana monitoring host performance size:M	openQA Infrastructure	Workable		Related to #107881	Low		
109112	Improve os-autoinst sshXtermVt.pm connection error handling (was: "Test died: Error connecting to <root@redcurrant-4.qa.suse.de>: No route to host") size:M	openQA Infrastructure	Workable		Related to #98832, Has duplicate #109719	Low		
107941	[sporadic] openQA Fullstack test t/full-stack.t can still fail with "udevadm" log message size:M	openQA Project	Workable			Low	Concrete Bugs	
107032	[timeboxed:20h] [spike] Create integration test of os-autoinst's VNC module with VMWare's VNC-over-websockets size:S	openQA Project	Workable			Low	Feature requests	
106783	Cover manual testing steps, especially for "exotic" backends, in os-autoinst contribution hints size:M	openQA Project	Workable		Copied to #106867	Low	Organisational	
106056	[virtualization][tools] Improve retry behaviour and connection error handling in backend::ipmi (was: "Fail to connect openqaipmi5-sp.qa.suse.de on our osd environment") size:M	openQA Project	Workable		Related to #102650	Low	Feature requests	
87755	[teregen] Replace productdefs by API call size:M	QA	Workable			Low		
<b>In Progress (5)</b>								
110677	Investigation page shouldn't involve blocking long-running API routes size:M	openQA Project	In Progress	tinita	Related to #97190, Blocks #106759	Normal	Feature requests	
109620	os-autoinst: Improve unit-test code coverage for backend::svirt size:M	openQA Project	In Progress	osukup	Related to #108266, Copied from #106685	Low	Feature requests	

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99663	Use more perl signatures - os-autoinst size:M	openQA Project	In Progress	okurz	Related to #102146, Related to #104986, Related to #104520, Related to #106654, Related to #108323, Related to #110983, Copied to #100967	Low	Feature requests	
108974	Loan Fujitsu server for OpenQA FIPS testing needs	openQA Infrastructure	In Progress	nicksinger		Low		
111004	Timeout of test API functions not enforced if backend gets stuck, e.g. on the VNC socket size:M	openQA Project	In Progress	mkittler	Related to #99345	Normal	Feature requests	
<b>Blocked (39)</b>								
110575	[epic] Necessary change for qam-oscplugin: change the way we (un-)assign maintenance updates	QA	Blocked	okurz		High		
109668	[saga][epic] Stable and updated non-qemu backends for SLE validation	openQA Project	Blocked	okurz	Related to #37339	High	Feature requests	
109656	[epic] Stable non-qemu backends	openQA Project	Blocked	okurz	Related to #99345	High	Feature requests	
106685	[tools] Test using svirt backend incomplete with auto_review:"Error connecting to VNC server.*: IO::Socket::INET: connect: Connection timed out":retry	openQA Project	Blocked	okurz	Related to #108953, Copied from #76813, Copied to #109620	High	Concrete Bugs	
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	
110530	Do NOT call job_done_hooks if requested by test setting	openQA Project	Blocked	okurz	Related to #95783, Copied from #110518	Normal	Feature requests	
109920	Identify reproducible product issues using openqa-investigate	QA	Blocked	okurz	Copied to #110176	Normal		
109846	[epic] Ensure all our database tables accomodate enough data, e.g. bigint for id's	openQA Project	Blocked	okurz	Copied from #109836	Normal	Feature requests	
109659	[epic] More remote workers	openQA Project	Blocked	okurz		Normal	Feature requests	
109641	[epic] qem-bot improvements	QA	Blocked	okurz	Copied to #110836	Normal		
108527	[epic] os-autoinst plugins (or wheels or leaves or scrolls) for scalable code reuse of helper functions and segmented test distributions	openQA Project	Blocked	okurz	Copied from #106922	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	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	
98472	[epic] Scale out: Disaster recovery deployments of existing openQA infrastructures	openQA Project	Blocked	okurz		Normal	Feature requests	
96263	[epic] Exclude certain Minion tasks from "Too many Minion job failures alert" alert	openQA Project	Blocked	okurz	Related to #96197, Related to #98499, Related to #70768	Normal	Feature requests	

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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		
92854	[epic] limit overload of openQA webUI by heavy requests	openQA Project	Blocked	okurz	Copied from #92770	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	
91646	[saga][epic] SUSE Maintenance QA workflows with fully automated testing, approval and release	QA	Blocked	okurz	Copied to #99303	Normal		
81060	[epic] openQA web UI in kubernetes	openQA Project	Blocked	okurz	Related to #76978	Normal	Feature requests	
80908	[epic] Continuous deployment (package upgrade or config update) without interrupting currently running openQA jobs	openQA Project	Blocked	okurz		Normal	Feature requests	
80150	[epic] Scale out openQA: Easier openQA setup	openQA Project	Blocked	okurz		Normal	Feature requests	
107923	qem-bot: Ignore not-ok openQA jobs for specific incident based on openQA job comment	QA	Blocked	okurz	Related to #109857, Related to #111078	Low		
105699	[epic] 5 whys follow-up to s390x svirt jobs incomplete with unable to extract assets:.*var/lib/libvirt/images/a.img" size:S	openQA Project	Blocked	okurz	Copied from #105690	Low	Feature requests	
103602	Reply to gitlab@suse.de pipeline email fails silently	openQA Infrastructure	Blocked	okurz		Low		
100688	[epic][virtualization][3rd party hypervisor] Add svirt backend compatibility for vmware 7.0	openQA Project	Blocked	okurz		Low	Feature requests	
99660	[epic] Use more perl signatures in our perl projects	openQA Project	Blocked	okurz		Low	Feature requests	
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	
98862	Comment about intermittent/sporadic test issues on original job if openqa-investigate retry job passes	openQA Project	Blocked	okurz	Related to #95746, Copied to #110518	Low	Feature requests	
97862	More openQA worker hardware for OSD size:M	openQA Infrastructure	Blocked	okurz	Copied from #97043, Copied to #104970	Low		
97190	Limit size of initial requests everywhere, e.g. /, /tests, etc.	openQA Project	Blocked	okurz	Related to #41054, Related to #110680, Related to #110677	Low	Feature requests	
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	
103971	[epic] Easy *re*-triggering and cloning of multi-machine tests	openQA Project	Blocked	mkittler	Related to #66071	Normal	Feature requests	
103962	[saga][epic] Easy multi-machine handling: MM-tests as first-class citizens	openQA Project	Blocked	mkittler		Normal	Feature requests	
99831	[epic] Better handle minion tasks failing with "Job terminated unexpectedly"	openQA Project	Blocked	mkittler		Normal	Feature requests	

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95783	Provide support for multi-machine scenarios handled by openqa-investigate size:M	openQA Project	Blocked	mkittler	Related to #103425, Related to #71809, Related to #69976, Related to #107014, Related to #110518, Related to #110530, Copied from #81859	Normal	Feature requests	
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	
108266	grenache: script_run() commands randomly time out since server room move	openQA Infrastructure	Blocked	cdywan	Related to #107437, Related to #108503, Related to #108845, Related to #108953, Related to #109620, Copied to #108323	High		
108530	os-autoinst plugins: x11_start_program from os-autoinst-distri-openQA dynamically loaded from another git repo size:M	openQA Project	Blocked	cdywan	Related to #81899	Normal	Feature requests	
106759	Worker xyz has no heartbeat (400 seconds), restarting repeatedly reported on o3 size:M	openQA Project	Blocked	cdywan	Blocked by #110677, Blocked by #110680, Copied from #105828	Normal	Concrete Bugs	

### Feedback (11)

111149	Recover openqaworker-arm-3	openQA Infrastructure	Feedback	okurz	Copied to #111156	High		
111075	Collect code coverage for qem-bot	QA	Feedback	okurz		Normal		
111028	Continuous update of o3 webUI	openQA Project	Feedback	okurz		Normal	Feature requests	
103965	[epic] Easy triggering of multi-machine tests, similar as for single-machine tests	openQA Project	Feedback	okurz		Normal	Feature requests	
106832	Monitor masked units on our infrastructure	openQA Infrastructure	Feedback	okurz	Related to #106666	Low		
100967	Use more perl signatures - openQA size:M	openQA Project	Feedback	okurz	Copied from #99663, Copied to #105127	Low	Feature requests	
81899	[easy][beginner] Move code from isotovideo to a module size:M	openQA Project	Feedback	okurz	Related to #108530	Low	Feature requests	
105594	Two new machines for OSD and o3, meant for bare-metal virtualization size:M	openQA Infrastructure	Feedback	nicksinger	Related to #110227	Normal		
110494	alert: openqaworker5 host up size:M	openQA Infrastructure	Feedback	mkittler	Related to #110497	Normal		
110409	qem-dashboard - remove old openQA jobs when rr_number changes size:M	QA	Feedback	kraih	Related to #109310	Normal		
110524	[timeboxed:20h][spike] openQA proof-of-concept within kubernetes size:M	openQA Project	Feedback	jbaier_cz	Related to #110725	Normal	Feature requests	