

## QE tools team - backlog (ready issues)

#	Subject	Project	Status	Assignee	Related issues	Priority	Category	Difficulty
<b>New (5)</b>								
111329	openQA within kubernetes with tested helm charts	openQA Project	New			Low	Feature requests	
111323	Simplified web proxy setup (remove path rewrite)	openQA Project	New			Low	Feature requests	
108974	Loan Fujitsu server for OpenQA FIPS testing needs	openQA Infrastructure	New	nicksinger		Low		
104781	Getting familiar with oscqam plugin	QA	New		Related to #109779	Normal		
103736	Make aarch64 machine chan-1 up and running after it is broken	openQA Infrastructure	New	nicksinger		Low		
<b>Workable (24)</b>								
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	
111251	Cover code of os-autoinst path OpenQA/ fully (statement coverage) size:M	openQA Project	Workable		Copied to #111254	Low	Feature requests	
111215	Various improvements for email notification about unreviewed jobs size:M	openQA Project	Workable		Related to #111135	Low	Feature requests	
111066	Document suggested workflows for multiple teams reviewing openQA test results size:M	openQA Project	Workable			Normal	Feature requests	
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		
110521	Improve QA related server room management, network topology and configuration size:M	openQA Infrastructure	Workable		Copied from #109746	Low		
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, Related to #111314, 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		
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	
109746	Improve QA related server room management, consistent naming and tagging size:M	openQA Infrastructure	Workable		Copied from #102650, Copied to #110521	Low		

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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	
107497	[qe-tools] openqaworker14 (and openqa15) - developer mode fails size:M	openQA Project	Workable		Related to #104970	Normal	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	
97121	[epic] enable qem-bot comments on IBS (was: enable qa-maintenance/openQABot comments on smelt again)	QA	Workable	okurz	Related to #96998	Normal		
87755	[teregen] Replace productdefs by API call size:M	QA	Workable			Low		
81899	[easy][beginner] Move code from isotovideo to a module size:M	openQA Project	Workable	okurz	Related to #108530	Low	Feature requests	

### In Progress (5)

111293	Template button for force_result size:M	openQA Project	In Progress	mkittler		High	Feature requests	
111152	Investigation jobs run because of the lack of automatic takeover size:M	openQA Project	In Progress	tinita	Copied from #110881	High	Concrete Bugs	
111078	Simple automatic test exercising one of the existing happy path workflows of qem-bot size:M	QA	In Progress	osukup	Related to #107923	High		
109620	os-autoinst: Improve unit-test code coverage for backend::svirt size:M	openQA Project	In Progress	osukup	Related to #108266, Related to #109740, Blocks #111254, Copied from #106685	Low	Feature requests	
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	In Progress	mkittler	Related to #76813, Related to #111004, Related to #109656, Related to #111063, Has duplicate #110902	Urgent	Bugs in existing tests	

### Blocked (45)

111347	[saga][epic] SUSE Maintenance QA tooling fully maintained by us	QA	Blocked	okurz	Copied from #99303	High		
111341	Open source <a href="https://gitlab.suse.de/qa-maintenance/qam-oscplugin/">https://gitlab.suse.de/qa-maintenance/qam-oscplugin/</a>	QA	Blocked	okurz	Copied from #111338	Normal		
111338	Open source <a href="https://gitlab.suse.de/qa-maintenance/mtui">https://gitlab.suse.de/qa-maintenance/mtui</a>	QA	Blocked	okurz	Copied to #111341	Low		

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110884	[epic] Properly maintained open source mtui+oscqam	QA	Blocked	okurz		Normal		
110575	[epic] Necessary change for qam-oscplugin: change the way we (un-)assign maintenance updates	QA	Blocked	okurz		High		
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	
110494	alert: openqaworker5 host up size:M	openQA Infrastructure	Blocked	mkittler	Related to #110497	Normal		
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	
109740	[epic] Stable os-autoinst unit tests with good coverage	openQA Project	Blocked	okurz	Related to #109620	Low	Feature requests	
109668	[saga][epic] Stable and updated non-qemu backends for SLE validation	openQA Project	Blocked	okurz	Related to #37339	High	Feature requests	
109659	[epic] More remote workers	openQA Project	Blocked	okurz		Normal	Feature requests	
109656	[epic] Stable non-qemu backends	openQA Project	Blocked	okurz	Related to #99345	High	Feature requests	
109641	[epic] qem-bot improvements	QA	Blocked	okurz	Copied to #110836	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	
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	
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		
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		
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	
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	
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	
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	

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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	
103602	Reply to gitlab@suse.de pipeline email fails silently	openQA Infrastructure	Blocked	okurz		Low		
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	
100688	[epic][virtualization][3rd party hypervisor] Add svirt backend compatibility for vmware 7.0	openQA Project	Blocked	okurz		Low	Feature requests	
99831	[epic] Better handle minion tasks failing with "Job terminated unexpectedly"	openQA Project	Blocked	mkittler		Normal	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	
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	
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	
98472	[epic] Scale out: Disaster recovery deployments of existing openQA infrastructures	openQA Project	Blocked	okurz		Normal	Feature requests	
97862	More openQA worker hardware for OSD size:M	openQA Infrastructure	Blocked	okurz	Copied from #97043, Copied to #104970	Normal		
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	
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	
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	
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	High		

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81060	[epic] openQA web UI in kubernetes	openQA Project	Blocked	okurz	Related to #76978	Low	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	
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	
<b>Feedback (8)</b>								
111344	Ensure we know all relevant implications of open sourcing mtui+qam-oscplugin	QA	Feedback	okurz		Normal		
111171	Handle installation of new FC switch	openQA Infrastructure	Feedback	nicksinger		Low		
111159	Check if we can give away our left-over 10G cisco switch	openQA Infrastructure	Feedback	nicksinger		Low		
110677	Investigation page shouldn't involve blocking long-running API routes size:M	openQA Project	Feedback	tinita	Related to #97190, Blocks #106759	Normal	Feature requests	
105885	Continuous deployment of o3 workers - all the other o3 workers size:M	openQA Project	Feedback	mkittler	Copied from #105379	Normal	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		
100967	Use more perl signatures - openQA size:M	openQA Project	Feedback	okurz	Copied from #99663, Copied to #105127	Low	Feature requests	
99663	Use more perl signatures - os-autoinst size:M	openQA Project	Feedback	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	