

## QE tools team - backlog (ready issues)

#	Subject	Project	Status	Assignee	Related issues	Priority	Category	Difficulty
<b>New (15)</b>								
104781	Getting familiar with oscqam plugin	QA	New		Related to #109779	Normal		
107923	qem-bot: Ignore not-ok openQA jobs for specific incident based on openQA job comment	QA	New		Related to #109857, Related to #111078	Normal		
109920	Identify reproducible product issues using openqa-investigate	QA	New		Copied to #110176	Normal		
111884	Upgrade qam hosts maintained by us to latest stable, i.e. Leap 15.4	openQA Infrastructure	New		Copied from #99243	Normal		
111869	Upgrade o3 webUI host to openSUSE Leap 15.4	openQA Infrastructure	New		Copied from #99195	Normal		
112733	Webui Summary dashboard is missing IO panels	openQA Infrastructure	New		Related to #112718	Normal		
108974	Loan Fujitsu server for OpenQA FIPS testing needs	openQA Infrastructure	New	nicksinger		Low		
113312	passwords (again) showing up in logs, this time in video_base	openQA Project	New			High	Concrete Bugs	
112226	[sporadic] swtqm socket not found anymore after loading from snapshot	openQA Project	New		Related to #112241	Normal	Concrete Bugs	
112535	openQA-inopenQA test fails in shutdown: no matching needle 'root-console'	openQA Project	New			Normal	Concrete Bugs	
113141	OBS checks fail os-autoinst test "Calling 'isotovideo --help' returns exit code 0" from t/44-scripts.t but only on aarch64?	openQA Project	New			Normal	Concrete Bugs	
111602	18-qemu-options.t makes apparently unsafe assumptions about qemu behaviour with multiple params	openQA Project	New		Related to #112403	Low	Concrete Bugs	
113039	Include original os-autoinst story within docs	openQA Project	New			Normal	Feature requests	
94952	[easy][beginner] Increase code coverage of os-autoinst basetest.pm	openQA Project	New			Low	Feature requests	
111881	Upgrade CI container image versions to Leap 15.4	openQA Project	New		Copied from #99240	Normal	Organisational	
<b>Workable (18)</b>								
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		Copied to #111578	High		
111473	Get replacements for imagetester and openqaworker1 size:M	openQA Infrastructure	Workable		Copied to #111986	High		
112673	Cannot send emails from o3 size:M	openQA Infrastructure	Workable		Copied from #110920	High		
105594	Two new machines for OSD and o3, meant for bare-metal virtualization size:M	openQA Infrastructure	Workable	nicksinger	Related to #110227	Normal		
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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109112	Improve os-autoinst sshXtermVt.pm connection error handling (was: "Test died: Error connecting to <root@redcurreant-4.qa.suse.de>: No route to host") size:M	openQA Infrastructure	Workable		Related to #98832, Has duplicate #109719	Low		
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		
113138	sporadic failure in openQA test "t/ui/23-audit-log.t" size:M	openQA Project	Workable			High	Concrete Bugs	
107941	[sporadic] openQA Fullstack test t/full-stack.t can still fail with "udevadm" log message size:M	openQA Project	Workable			Low	Concrete Bugs	
113201	Integrate spike solution for accessing VMWare's VNC-over-websockets into os-autoinst's VNC console size:M	openQA Project	Workable			High	Feature requests	
113189	Research where we need limits size:S	openQA Project	Workable			Normal	Feature requests	
111066	Document suggested workflows for multiple teams reviewing openQA test results size:M	openQA Project	Workable			Normal	Feature requests	
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, Copied to #100967	Low	Feature requests	
100967	Use more perl signatures - openQA size:M	openQA Project	Workable	okurz	Copied from #99663, Copied to #105127	Low	Feature requests	
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	
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	
111770	Limit finished tests on /tests, but query configurable and show complete number of jobs size:S	openQA Project	Workable			Low	Feature requests	
<b>In Progress (2)</b>								
111341	Open source <a href="https://gitlab.suse.de/qa-maintenance/qam-oscplugin/">https://gitlab.suse.de/qa-maintenance/qam-oscplugin/</a> size:M	QA	In Progress	osukup	Copied from #111338	Normal		
111992	Deal with QEMU and OVMF default resolution being 1280x800, affecting (at least) qxl size:M	openQA Project	In Progress	tinita	Related to #111866, Related to #111863	High	Feature requests	
<b>Blocked (33)</b>								
97862	More openQA worker hardware for OSD size:M	openQA Infrastructure	Blocked	okurz	Copied from #97043, Copied to #104970	High		
103736	Make aarch64 machine chan-1 up and running after it is broken size:M	openQA Infrastructure	Blocked	nicksinger		High		

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110920	Emails from o3 are rejected by mx2.suse.de for certain sender/recipients size:S	openQA Infrastructure	Blocked	okurz	Copied from #110629, Copied to #112673	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		
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		
110884	[epic] Properly maintained open source mtui+oscqam	QA	Blocked	okurz		Normal		
111347	[saga][epic] Properly maintained Maintenance QA tooling	QA	Blocked	okurz	Copied from #99303	Normal		
111863	Upgrade o3 workers to openSUSE Leap 15.4	openQA Infrastructure	Blocked	okurz	Related to #111992, Copied from #99189	Normal		
111866	Upgrade osd workers and openqa-monitor to openSUSE Leap 15.4	openQA Infrastructure	Blocked	okurz	Related to #111992, Copied from #99192	Normal		
111872	Upgrade osd webUI host to openSUSE Leap 15.4	openQA Infrastructure	Blocked	okurz	Copied from #99198	Normal		
111986	Ensure uno.openqanet.opensuse.org is properly used	openQA Infrastructure	Blocked	okurz	Copied from #111473	Normal		
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	
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	
109668	[saga][epic] Stable and updated non-qemu backends for SLE validation	openQA Project	Blocked	okurz	Related to #37339	High	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	
100688	[epic][virtualization][3rd party hypervisor] Add svirt backend compatibility for vmware 7.0	openQA Project	Blocked	okurz		High	Feature requests	
109656	[epic] Stable non-qemu backends	openQA Project	Blocked	okurz	Related to #99345	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	
92854	[epic] limit overload of openQA webUI by heavy requests	openQA Project	Blocked	okurz	Copied from #92770	Normal	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	Normal	Feature requests	
98472	[epic] Scale out: Disaster recovery deployments of existing openQA infrastructures	openQA Project	Blocked	okurz		Normal	Feature requests	

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103962	[saga][epic] Easy multi-machine handling: MM-tests as first-class citizens	openQA Project	Blocked	mkittler	Copied to #112862	Normal	Feature requests	
103971	[epic] Easy *re*-triggering and cloning of multi-machine tests	openQA Project	Blocked	mkittler	Related to #66071	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	
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	
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	
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	Low	Feature requests	
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	
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	

### Feedback (10)

112898	Minion workers alert triggering on and off size:M	QA	Feedback	okurz	Related to #96380	High		
113087	[qa-tools][qem-bot] malformed data in smelt incident causes smelt sync fail	QA	Feedback	okurz		High		
111171	Handle installation of new FC switch	openQA Infrastructure	Feedback	okurz		Low		
109737	[opensuse][sporadic] test fails in chromium due to lost characters when typing in the address bar size:M	openQA Tests	Feedback	cdywan	Related to #107632	High	Bugs in existing tests	
113030	test distribution directory git revision can be parsed as "UNKNOWN" and openQA investigation fails to show test git log	openQA Project	Feedback	okurz		High	Concrete Bugs	
111989	Seems like o3 machines do not automatically reboot anymore, likely because we continuously call `zypper dup` so that the nightly upgrades don't find any changes? size:M	openQA Project	Feedback	okurz	Copied from #105379	Normal	Concrete Bugs	
113282	Many incompletes due to VNC error "backend died: unexpected end of data at /usr/lib/os-autoinst/consoles/VNC.pm line 183.", especially on o3/aarch64	openQA Project	Feedback	mkittler	Related to #111004	Normal	Concrete Bugs	
112265	Just use bigint in all our database tables (for auto-incremented ID-columns)	openQA Project	Feedback	mkittler	Related to #112718	Normal	Feature requests	

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95783	Provide support for multi-machine scenarios handled by openqa-investigate size:M	openQA Project	Feedback	mkittler	Related to #103425, Related to #71809, Related to #69976, Related to #107014, Related to #110518, Related to #110530, Related to #110176, Copied from #81859	Normal	Feature requests	
111470	Reconsider folding ok results by default and/or uncollapse all on /tests/overview	openQA Project	Feedback	mkittler	Copied from #110719	Normal	Feature requests	