

openQA Infrastructure - action #73342

all jobs run on openqaworker8 incomplete: "Cache service status error from API: Minion job .*failed:.*(database disk image is malformed|not a database)":retry

2020-10-14 08:04 - okurz

Status:	Resolved	Start date:	2020-10-14
Priority:	Normal	Due date:	2020-10-16
Assignee:	okurz	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Ready		
Description			
jobs run on openqaworker8 incomplete, the reason is Cache service status error from API: Minion job #46203 failed: Couldn't add download: DBD::SQLite::st execute failed: database disk image is malformed at /usr/share/openqa/script/./lib/OpenQA/CacheService/Model/Downloads.pm line 34. at /usr/share/openqa/script/./lib/OpenQA/CacheSer...			
Please see more details on: https://10.160.0.207/tests/4823712 https://10.160.0.207/tests/4821829			
Related issues:			
Related to openQA Project - action #67000: Job incompletes due to malformed w...		Resolved	2020-05-18
Related to openQA Infrastructure - action #78058: [Alerting] Incomplete jobs ...		Resolved	2020-11-16 2020-11-18
Copied from openQA Project - action #73321: all jobs run on openqaworker8 inc...		Rejected	2020-10-14
Copied to openQA Infrastructure - action #75220: all jobs run on openqaworker...		Resolved	

History

#1 - 2020-10-14 08:04 - okurz

- Copied from action #73321: all jobs run on openqaworker8 incomplete:"Cache service status error from API: Minion job #46203 failed: Couldn't add download: DBD::SQLite::st execute failed: database disk image is malformed" added

#2 - 2020-10-14 08:11 - okurz

copied the sqlite database file so that one can investigate further, see [#73321](#) for this. To stop any further problematic jobs produced by this worker I did:

```
systemctl stop openqa-worker* salt-minion telegraf
```

I see that the worker was not rebooted for longer but I expected that to have happened automatically. Will check package versions and reboot which should clean out the pool and cache automatically anyway and fix the reported issue.

EDIT: Found out that many workers have not automatically rebooted since 31 days. Manually triggering the "auto-update" service on openqaworker8 and taking a look into the corresponding journal shows that there is an "interactive" patch pending which seems to be a kernel upgrade. So trying with the flag "--non-interactive-include-reboot-patches" now: systemctl daemon-reload; systemctl start auto-update ; journalctl -f -u auto-update. This triggered the kernel upgrade and asked the rebootmgr to reboot during the next maintenance window. For the above reasons I triggered a reboot now.

#3 - 2020-10-14 08:31 - okurz

- Due date set to 2020-10-16

- Status changed from In Progress to Feedback

Machine is rebooted, has a clean cache db and is working on jobs fine for now. Will monitor over the next time.

#4 - 2020-10-14 08:37 - okurz

- Related to action #67000: Job incompletes due to malformed worker cache database disk image with auto_review:"Cache service status error.*(database disk image is malformed|Specified job ID is invalid).*":retry added

#5 - 2020-10-14 08:43 - okurz

- Subject changed from all jobs run on openqaworker8 incomplete:"Cache service status error from API: Minion job #46203 failed: Couldn't add download: DBD::SQLite::st execute failed: database disk image is malformed" to all jobs run on openqaworker8 incomplete: auto_review:"Cache

service status error from API: Minion job .*failed: .*database disk image is malformed*":retry

#6 - 2020-10-14 08:44 - okurz

- Subject changed from all jobs run on openqaworker8 incomplete: auto_review:"Cache service status error from API: Minion job .*failed: .*database disk image is malformed*":retry to all jobs run on openqaworker8 incomplete: auto_review:"Cache service status error from API: Minion job .*failed: .*database disk image is malformed|not a database)":retry

#7 - 2020-10-14 12:07 - okurz

- Priority changed from Urgent to Normal

I monitored all openQA worker instances since the reboot and when the cache database was re-initialized and so far I have seen a lot of passed jobs on all worker instances. So it seems the problem of corrupt cache database was resolved as well as the problem that the machine(s) did not apply "interactive" patches: https://gitlab.suse.de/openqa/salt-states-openqa/-/merge_requests/380

EDIT: Seems like the alerts for "incompletes" are also related to this so I paused the alerts for <https://stats.openqa-monitor.qa.suse.de/d/nRDab3Jiz/openqa-jobs-test?orgId=1&panelId=17&fullscreen&edit&tab=alert> and <https://stats.openqa-monitor.qa.suse.de/d/nRDab3Jiz/openqa-jobs-test?orgId=1&panelId=14&fullscreen&edit&tab=alert> for now until the situation is repaired.

#8 - 2020-10-17 21:31 - okurz

- Status changed from Feedback to Resolved

merged, alerts reactivated, done.

#9 - 2020-10-17 21:47 - okurz

- Subject changed from all jobs run on openqaworker8 incomplete: auto_review:"Cache service status error from API: Minion job .*failed: .*database disk image is malformed|not a database)":retry to all jobs run on openqaworker8 incomplete: "Cache service status error from API: Minion job .*failed: .*database disk image is malformed|not a database)":retry

#10 - 2020-10-23 22:42 - okurz

- Copied to action #75220: all jobs run on openqaworker8 incomplete: "Cache service status error from API: Minion job .*failed: .*database disk image is malformed|not a database)":retry added

#11 - 2020-11-16 20:54 - okurz

- Related to action #78058: [Alerting] Incomplete jobs of last 24h alert - again many incompletes due to corrupted cache, on openqaworker8 added