

openQA Infrastructure - action #77839

coordination # 64746 (Blocked): [saga][epic] Scale up: Handle large storage efficiently to be able to run current tests efficiently but keep big archives of old results

coordination # 68923 (Blocked): [epic] Use external videoencoder in production auto_review:"External encoder not accepting data"

Use external videoencoder in production on one o3 worker

2020-11-13 15:30 - okurz

Status:	Resolved	Start date:	2020-11-13
Priority:	Normal	Due date:	
Assignee:	okurz	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Ready		
Description			
Motivation			
See #68923			
Acceptance criteria			
<ul style="list-style-type: none">• AC1: One worker runs with an external video encoder configured• AC2: The configured external video encoder provides significantly smaller video files instead of the default ones• AC3: The worker is not overstressed by the external video encoder, i.e. not more jobs failing or incompleting due to an overstressed worker			
Suggestions			
<ul style="list-style-type: none">• <i>DONE:</i> Install ffmpeg on the worker -> done on imagetester• <i>DONE:</i> Try to find a good encoder setting -> done with VP9 with ffmpeg -hide_banner -nostats -r 24 -f image2pipe -vcodec ppm -i - -pix_fmt yuv420p -c:v libvpx-vp9 -crf 35 -b:v 1500k -cpu-used 0, see https://progress.opensuse.org/issues/68923#note-17• <i>DONE:</i> Check whether the resulting videos work (including seeking) -> imagetester works fine, e.g. following https://openqa.opensuse.org/admin/workers/41 we find jobs like https://openqa.opensuse.org/tests/1469967#downloads showing .webm instead of .ogv with size 2.8MB instead of 6.9MB on an older job in the same scenario running on a different machine recorded in .ogv , i.e. only 41% of the original size• <i>DONE:</i> Monitor the CPU usage of ffmpeg e.g. via htop and also the overall performance of the worker, e.g. check for incomplete jobs due to performance issues. -> mkittler already did the original analysis and it was ok and no reports by users have been raised			
Related issues:			
Copied to openQA Infrastructure - action #77842: Use external videoencoder in...		Workable	2020-11-13

History

#1 - 2020-11-13 15:34 - okurz

- Copied to action #77842: Use external videoencoder in production on all o3 machines added

#2 - 2020-11-13 15:34 - okurz

- Subject changed from Use external videoencoder in production auto_review:"External encoder not accepting data" to Use external videoencoder in production on one o3 worker

- Status changed from New to Resolved

- Assignee set to okurz

All done on imagetester, showing no problems and significant reduction in video file size, see updated description of this ticket. Next step: Enable on all other o3 machines -> [#77842](#)

#3 - 2020-11-13 15:39 - okurz

- Tracker changed from coordination to action