

openSUSE Release Process - action #25216

Transient errors and poor perf for PowerPC workers used by Snapshot

2017-09-12 09:43 - michel_mno

Status:	New	Start date:	2017-09-12
Priority:	Normal	Due date:	
Assignee:	adrianSuSE	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			

Description

As per irc chat with DimStar extracted below, there are problems on Power8 machines used for PowerPC workers used by OBS.

Could we have an analysing of the Power8 machines configurations (memory, perf, OS release/version) that could explain those problems ?

````

```
10:32:40) DimStar: Good morning; I wanted to let you know that I'm going to remove ppc64le from the staging process - there are way too many random/weird fails and the build performance is 'low' - generally it slows down TW stagings, which in turn has negative impact on SLE
```

```
(10:42:25) michel_mno: Hello, I assume this will create more build errors detected only in the Factory::PowerPC
```

```
(10:47:28) DimStar: Sadly, yes - this is to be expected. But the fact that it's constantly the slowest arch to build, and the only one requesting me to trigger a build 10 times to get a successful build, makes it really painful
```

```
(10:47:45) DimStar: I will keep it in openSUSE:Factory:Rings - so it's also visible there
```

```
(11:01:07) DimStar: and if the situation improves, we can consider taking it in again (meaning: the rings do not show random broken build fails - and build performance is sort-of usable)
```

```
(11:02:21) michel_mno: DimStar who has access to those builders and responsible for their setup ?
```

```
(11:02:35) DimStar: on OBS? Adrian and his team
```

```
(11:02:40) michel_mno: I did not know there were performance problems on them
```

```
(11:03:37) DimStar: would be great if it turned out 'just' to be a config problem there
```

```
(11:04:20) DimStar: https://build.opensuse.org/package/live_build_log/openSUSE:Factory:Rings:2-TestDVD/hdf5/standard/ppc64le is one of the 'most annoying' packages failing on ppc64le (it takes ~ 30 minutes, and then fails 'a lot')
```

```
(11:09:32) michel_mno: I will check above; FYI yesterday I issued an osc build of Staging:A hdf5 and it passed without retry (it last 3994s)
```

```
(11:09:59) DimStar: lucky you :)
```

```
(11:11:06) DimStar: :J:DVD/hdf5 -> so far triggered 16 times - I would be REALLY surprised if anything in :J impacts the capability of hdf5 to build (it's a KDE stack upgrade)
```

```
(11:11:35) DimStar: K:DVD/hdf5 so far triggered 4 times
```

````

History

#1 - 2017-09-13 17:51 - michel_mno

Trying to isolate the problem without access to related Power8 Host is not possible !
I need more information on the machine setup.

- What is installed OS/version ?
- What are ~/.osrc build parameters ?
- Could I have a tarball of /var/log/systemd-journal and dmesg ?