

Infrastructure - Task #1904

replace xz with different compression tool to compress database dumps (xz is single-threaded, takes too long) - evaluate parallel compression

2016-05-10 03:55 - Christian Lohmaier

Status:	New	Start date:	
Priority:	Low	Due date:	
Assignee:		% Done:	80%
Category:		URL:	
Target version:			
Tags:			
Description			
creating database dumps takes way too long with xz, better switch to different compression, or even to a tool that can use multiple cores..			

History

#1 - 2016-06-21 13:48 - Jan Iversen

We could use lbzip2 or pbzip2, they both use the number of cores available (or take a parameter to limit).

In order not to change the output files we could do:

```
tar cf - paths-to-archive | lbzip2 -9 -j 32 > archive.tar.gz
```

If the scripts are in SALT, I will be happy to change and test it.

Just saw "tar" has an option to do that

```
tar -c --use-compress-program=pigz -f tar.file dir_to_xz
```

#2 - 2016-07-01 16:47 - Christian Lohmaier

- Subject changed from *replace xz with different compression tool to compress database dumps (xz is single-threaded, takes too long)* to *replace xz with different compression tool to compress database dumps (xz is single-threaded, takes too long) - evaluate parallel compression*

- Priority changed from *Normal* to *Low*

- % Done changed from *0* to *80*

changed to use plain gzip in salt - leaving with low prio to maybe test out the parallel compression variants at a later time